



AMITY UNIVERSITY
UTTAR PRADESH

SELF STUDY REPORT (SSR) (PART-II)

EVALUATIVE REPORTS FOR NAAC RE-ACCREDITATION (2ND CYCLE)

VOLUME – I

Amity University Uttar Pradesh
Sector 125, Noida, Gautam Buddha Nagar, Uttar Pradesh 201 313, India

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Faculty of Business Administration / Commerce / Management / Finance

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Evaluative Report (Amity Business School)

1. Name of the Department

Response

The name of the Institution is Amity Business School (ABS).

2. Year of establishment

Response

The Institution was established in the year 1995 and was integrated with the AUUP in 2005.

3. Is the Institution / Department is part of a School/Faculty of the university?

Response

Yes, ABS is a part of Faculty of Management Studies (FMS) of the university.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Response

In ABS only PG and Ph.D. programmes are offered:

(a) PG Programmes:

- i. Advance Diploma in Business Administration
- ii. Master of Business Administration
- iii. Master of Business Administration
(Entrepreneurship)
- iv. Master of Business Administration
(Human Resource)
- v. Master of Business Administration
(Marketing & Sales)
- vi. Master of Business Administration
(NGO Management)
- vii. Master of Business Administration
(Retail Management)
- viii. Master of Business Administration
(Rural Management)
- ix. Master of Business Administration
(Transport & Logistics)

(b) Ph.D Programmes

- i. Ph.D in Management (Full time and Part time)
- ii. Ph.D in Rural Management (Full time and Part Time)

5. **Interdisciplinary programmes and departments involved.**

Response:

The Institution has interdisciplinary programmes of engineering and technology along with management programmes and provided dual degree in B.Tech + MBA.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Response

- a) ABS has signed an MOU with Northampton University. As a part of this program, students study three semesters at Amity University and are eligible for advance entry to one year Master of Business Administration program of the Northampton University and credits earned at Amity University are transferred.
- b) **AUBSI courses:** British Standards Institution (BSI), as per agreement with AUUP, offers value added courses for the benefit of aspiring students. Students may opt for any AUBSI course either in lieu of, or in addition to the elective courses.
 - (a) Quality Management Systems
 - (b) Environmental management Systems
 - (c) Occupational Health & Safety Management Systems
 - (d) Information Security Management System
 - (e) Energy Management Systems
 - (f) Six Sigma Green Belt
 - (g) Risk Management
 - (h) Lean Management
 - (i) IT Service Management Systems
 - (j) Business Continuity Management
 - (k) Food Safety Management Systems

7. **Details of programmes discontinued, if any, with reasons.**

Response

None of the programme have been discontinued.

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System.**

Response

ABS follows Semester System & Choice Based Credit System.

9. **Participation of the department in the courses offered by other departments / institutions**

Response

ABS as a part of Amity University offers the Choice Based Credit System (CBCS) in its academic curriculum. Under this system students of ABS can opt for domain elective and open elective courses offered by other Amity institutes/departments as under:

#	Course Code	Course name	Department/Institution
01	BSI101	Energy Management Systems	BSI
02	BSI102	It Service Management Systems	BSI
03	BSI103	Risk Management - BSI	BSI
04	BSI104	Lean Management	BSI
05	BSI105	Food Safety Management Systems	BSI
06	BSI111	Occupational Health and Safety Management Systems	BSI
07	BSI112	Business Continuity Management	BSI
08	BSI113	Six Sigma Green Belt	BSI
09	BSI114	Information Security Management Systems Offered By AUBSI	BSI
10	BSI115	Environmental Management Systems - BSI	BSI
11	BSI121	Quality Management Systems	BSI
12	DRAW603	Drawing Techniques for Animation	Amity School of Fine Arts
13	ECE315	Multimedia Applications	Amity School of Engineering and Technology
14	ECE321	Consumer Electronics	Amity School of Engineering and Technology
15	ECE322	Principles of Communication Engineering	Amity School of Engineering and Technology
16	ECE323	Home Health Monitor Appliances	Amity School of Engineering and Technology
17	ECE771	Battlefield Electronic Systems	Amity School of Engineering and

			Technology
18	FASH124	Introduction to Fashion Concepts	Amity School of Fashion Technology
19	FASH736	Basics of Sewing	Amity School of Fashion Technology
20	HOSM606	Fundamentals of International Cuisine	Amity School of Hospitality
21	HOSM801	Guest Service Management	Amity School of Hospitality
22	HOSP605	Patient Relationship Management	Amity Institute of Hospital Administration
23	IT622	Software Applications for ERP	Amity School of Engineering and Technology
24	IT723	Information Security Policies in Industries	Amity School of Engineering and Technology
25	IT724	ICT and Sustainable Development	Amity School of Engineering and Technology
26	JMC611	Anchoring and Presentation for Radio and TV	Amity School of Communication
27	PA101	Kathak-I	Amity School of Performing Arts
28	PA102	Bharatnatyam-I	Amity School of Performing Arts
29	PA103	Odissi-I	Amity School of Performing Arts
30	PA104	Kuchipudi-I	Amity School of Performing Arts
31	PA105	Sitar-I	Amity School of Performing Arts
32	PA106	Guitar-I	Amity School of Performing Arts
33	PA107	Tabla-I	Amity School of Performing Arts
34	PA108	Synthesizer-I	Amity School of Performing Arts
35	PA109	Vocal -I	Amity School of Performing Arts
36	TTA606	Destination Planning and Management	Amity Institute of Travel and Tourism
37	VCOM702	Basics of Photography	Amity School of Communication

Similarly, ABS offers a number of courses as domain/open electives courses for students of other institutions of the Amity University.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	9	9	9
Associate Professor	18	15	15
Assistant Professor	45	45	45
Others (Faculty deputed from other departments and Adjunct faculty)	10	8	8
Total	77	77	77

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response

Amity Business School has qualified and experienced faculty with rich academic and industry experience. The faculty members have specialisation in different areas like marketing and sales, finance, international business, human resource, psychology and entrepreneurship.

#	Faculty Name	Qualification	Designation	Specialization	Years of Experience		Ph. D/M .Phil l guided
					Industry	Teaching	
1.	Dr. Balvinder Shukla	Ph.D	Professor	Entrepreneurship	14	18	12
2.	Dr. Alka Munjal	Ph.D	Professor & Dean SAS	Strategy and Finance	7	18	8
3.	Dr. Sanjeev Bansal	Ph.D.	Professor & Director	DS	NIL	27	14
4.	Brig. V. K. Kashyap	PGDB M	Professor	Marketing & Operations	25	17	N/A
5.	Dr. Neelam	Ph.D	Professor	Entrepre	5	18	N/A

	Saxena		or	neurship			
6.	Akhil Swami	MBA; Pursuing PhD	Professor	Ent.	26	14	N/A
7.	Dr Taranjeet Duggal	Ph.D.	Professor	Psy. & BS	2	16	8
8.	Prof. Ramesh Kumar Bagla	PGDBA; Pursuing PhD	Professor	Marketing & Sales	35	6.75	N/A
9.	Dr. Kalyan Kumar De	Ph.D.	Professor	IB – Marketing	24	13	3
10.	Dr Jaya Yadav	Ph.D.	Associate Professor	HR	NIL	18	5
11.	Dr TV Raman	Ph.D	Associate Professor	Finance	NIL	20	7
12.	Dr. R Sujatha	Ph.D.	Associate Professor	HR	NIL	10	2
13.	Dr.Harminde r Kaur Gujral	Ph.D.	Associate Professor	Psy. & BS	5.2	10	4
14.	Dr Ashok Sharma	Ph.D.	Associate Professor	Marketing & Sales	4	16	6
15.	Dr Chandranshu Sinha	D.Phil.	Associate Professor	Psy. & BS	NIL	20	5
16.	Dr. Aparna Goyal	Ph.D.	Associate Professor	Marketing & Sales	3.5	15	NIL
17.	Dr.Ranjit Roy Ghatak	PhD.	Associate Professor	Op. Mgmt.	NIL	16	6
18.	Dr Anupama R	Ph.D.	Associate Professor	IT	2	18	5

			or				
19.	Dr.Himani Sharma	Ph.D.	Associate Professor	Marketing & Sales	NIL	14	NIL
20.	Dr. Anjani K Singh	Ph.D.	Associate Professor	Ent.	NIL	17	2
21.	Dr. Teena Bagga	Ph.D.	Associate Professor	IT	NIL	18	NIL
22.	Dr. Rosy Kalra	Ph.D.	Associate Professor	Finance	NIL	20	3
23.	Dr. Anita Venaik	Ph.D.	Associate Prof.	IT	NIL	15	NIL
24.	Dr Anurupa B Singh	PhD	Associate Prof.	Marketing & Sales	NIL	14	8
25.	Namita Kapoor	M.Phil	Assistant Professor (Grade III)	Eco.	15	11	N/A
26.	Rajnish Ratna	M.Tech.	Assistant Professor (Grade III)	HR	NIL	14	N/A
27.	Bandana Chadha	MBA	Assistant Professor (Grade III)	IB	27	7	N/A
28.	Dr Anu Prashaant	Ph.D.	Assistant Professor (Grade III)	Eco.	1	15	6
29.	Dr.Garima Malik	Ph.D.	Assit. Professor (Grade	Marketing & Sales	NIL	14	8

			III)				
30.	Dr.Smrita Sinha	PhD.	Assista nt Profess or (Grade III)	HR	NIL	16	4
31.	Dr.Supriti Agrawal	Ph.D.	Assista nt Profess or (Grade III)	Marketi ng & Sales	7	10	2
32.	Vandana Gupta	M.Phi l; Pursui ng PhD	Assista nt Profess or	Marketi ng & Sales	1	13	N/A
33.	Vivek Singh Tomar	MB; Pursui ng PhD	Assista nt Profess or (Grade III)	Marketi ng & Sales	3	13	N/A
34.	Dr Jaideep Kaur	Ph.D	Assista nt Profess or (Grade III)	Psy. & BS	4	14	NIL
35.	Dr Puja Sareen	Ph.D	Assista nt Profess or (Grade III)	HR	2.5	12.5	NIL
36.	Lakhwinder KaurDhillon	M.Phil ; Pursui ng PhD	Assista nt Profess or (Grade III)	Finance	NIL	13	N/A
37.	Rajeev Gupta	MCA ; Pursui ng PhD	Assista nt Profess or (Grade III)	IT	2	16	N/A
38.	Pooja Sehgal Tabeck	M.Phil ;	Assista nt	Marketi ng &	NIL	12	N/A

		Pursui ng PhD	Profess or (Grade III)	Sales			
39.	Dr Sumeet Singh Jasial	Ph.D.	Assista nt Profess or (Grade III)	Op. Mgmt.	NI L	10	3
40.	Dr Shikha Mishra	Ph.D.	Assista nt Profess or (Grade III)	HR	NI L	12.5	NIL
41.	Dr Rushina Singhi	Ph.D.	Assista nt Profess or (Grade III)	DS	NI L	12	3
42.	Dr. Ritesh Dwivedi	Ph.D.	Assista nt Profess or (Grade III)	Rural Mgmt.	5ye ars 5 mon ths	6	3
43.	Dr. Manjula Shastri	Ph.D.	Assista nt Profess or (Grade III)	Finance	NI L	14	1
44.	Dr. Amanpreet Kang	MBA ; Pursui ng PhD	Assista nt Profess or (Grade III)	IB	6	7	NIL
45.	Ruchika Nayyar	MBA ; Pursui ng PhD	Assista nt Profess or (Grade III)	Marketi ng & Sales	3	8	N/A
46.	Ritu Wadhwa	MBA ; Pursui ng PhD	Assista nt Profess or	Finance	NI L	12.5	N/A

47.	Dr. Rahul Gupta	Ph.D.	Assistant Professor (Grade III)	Marketing & Sales	11	10	3
48.	Dr. Amit Kumar Pandey	Ph.D.	Assistant Professor (Grade III)	Marketing & Sales	4	9	2
49.	Swati Bhatnagar	MBA; Pursuing PhD	Assistant Professor	Marketing & Sales	5	7	N/A
50.	Dr. Varsha Khattri	MAPRM	Assistant Professor (Grade II)	Marketing & Sales	NIL	12	NA
51.	Dr. Anubha Srivastava	Ph.D.	Assistant Professor (Grade II)	Finance	NIL	8	1
52.	Dr. Shweta Awasthi	Ph.D.	Assistant Professor (Grade II)	HR	7	7	NIL
53.	Sonali P. Banerjee	MBA; Pursuing PhD	Assistant Professor (Grade II)	Marketing & Sales	1	9	N/A
54.	Sunetra Saha	MBA; Pursuing PhD	Assistant Professor (Grade II)	Marketing & Sales	2	10	N/A
55.	Hargovind Kakkar	MBA; Pursuing	Assistant Professor	HR	1.5	7	N/A

		PhD	or (Grade II)				
56.	Parul Yadav	MBA; Pursuing PhD	Assistant Professor (Grade II)	HR	2	7	N/A
57.	Shinu Vig	CS ; Pursuing PhD	Assistant Professor (Grade II)	Law	2	7	N/A
58.	Tavishi	MBA; Pursuing PhD	Assistant Professor (Grade II)	Eco.	NIL	8	N/A
59.	Vinamra Jain	MBA ; Pursuing PhD	Assistant Professor (Grade II)	Marketing & Sales	8	8	N/A
60.	Dr. Parikshit Joshi	Ph.D.	Assistant Professor (Grade II)	HR	NIL	8	NIL
61.	Dr. Anshu Yadav	Ph.D.	Assistant Professor (Grade I)	HR	1	6.5	2
62.	Dr. Mansi Paul	Ph.D.	Assistant Professor (Grade I)	Rural Mgmt.	10 months (NGO)	5.5	NIL
63.	Anjali Goel	M.A., Pursuing Ph.D	Assistant Professor (Grade	French	N/A	12	N/A

			I)				
64.	Sakshi Puri	MBA, M.A. (German)	Assistant Professor (Grade I)	German	N/A	8	N/A
65.	Babloo Ram	M.Phil, Ph.D Thesis submitted to JNU	Assistant Professor (Grade I)	Spanish	N/A	5	N/A
66.	Seema Mehta	Masters(N2)	Assistant Professor (Grade I)	Japanese	N/A	15	N/A
67.	Mohd Aarif	BA, MA (Chinese)	Assistant Professor (Grade II)	Chinese	1	12	N/A
68.	Archana K	MA(French)	Assistant Professor (Grade I)	French	2	25	N/A
69.	Pawandeep	DFLF B2 (French)	Assistant Professor (Grade I)	French	N/A	8	N/A

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

ABS has some very senior faculty members who are experts in their respective fields.

- (a) Dr Harpal Singh Grewal, Professor Claffin University.
- (b) Dr Kulwant Pawar, Professor, Nottingham University Business School.
- (c) Dr S K Laroia, Professor Delhi University.
- (d) Mr S S Pal, Retd Deputy General Manager , Indian telephone industry limited
- (e) Dr Rick Levy, World Renowned Management Guru, Psychologist and trainer.
- (f) Dr B K Srivastava, Ex Vice President Whirpool.
- (g) Lt. Gen (Dr) Niranjan, Management consultant
- (h) Commodore A N Awasthi, Management consultant

13 Percentage of classes taken by temporary faculty – programme-wise information

Response

The percentage of classes taken by temporary faculty is given as follows:

8 % for the Ist year (Master of Business Administration)

3.3 % for the II year (Master of Business Administration)

14 Programme-wise Student Teacher Ratio

Response

The programme-wise Student Teacher Ratio is as follows:

	Programme Name	Student Teacher Ratio
1	Master of Business Administration	15:1
2	Master of Business Administration(Entrepreneurship)	16:1
3	Master of Business Administration (Human Resource)	16:1
4	Master of Business Administration (Marketing &Sales)	15:1
5	Master of Business Administration (NGO Management)	NA
6	Master of Business Administration (Retail Management)	7:1
7	Master of Business Administration (Rural Management)	NA
8	Master of Business Administration (Transport &Logistics)	4:1
9	Ph.D	3:1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response

The number of academic support staff (technical) and administrative staff: sanctioned, filled and actual are given below:

Non-Teaching Staff	Sanctioned	Filled	Actual
academic support staff	10	9	9
academic support staff (technical)	2	2	2
administrative staff	4	4	4

16 Research thrust areas as recognized by major funding agencies

Response

The broad areas in which faculty members are involved in research are digital marketing, marketing research, micro finance, stock market, derivatives, project planning, supply chain management, international trade, international business, organization behaviour, human resource development, and information technology.

Department	Research Focus
Marketing	<ul style="list-style-type: none"> Strategic Brand Management Strategic Marketing Customer Relationship Management Customer Experience Management
Human Resource	<ul style="list-style-type: none"> Psychological Aspects of Organizational Issues Pre and Post Merger & Acquisition Issues and its implications Emotional and Social Intelligence
Finance	<ul style="list-style-type: none"> Econometrics and futurism. Pre and Post Merger & Acquisition Issues and its implications
Information Technology	<ul style="list-style-type: none"> Cyber Security Data Analytics Semantics Web Cloud Computing and Big Data
Operations Management	<ul style="list-style-type: none"> Total Quality Management Supply Chain Management
Entrepreneurship	<ul style="list-style-type: none"> Entrepreneurial development Social Entrepreneurship

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise
Response

Faculty members at Amity Business School are engaged in projects, in their respective fields of specialization.

Projects Completed:

#	Funding agencies	Project title	Number of faculty	Grants received	Year
1.	British Council of India	Young women social entrepreneurship development	Dr. H K Gujral, Ms. Parul Yadav, Dr. Mansi Paul	2.5 lakhs	2014
2.	British Council of India	Young women social entrepreneurship development	Dr. H K Gujral, Ms. Parul Yadav, Dr. Mansi Paul	1.25 lakhs	2015
		Total		3.75 lakhs	

18 Inter-institutional collaborative projects and associated grants received
Response

Amity Business School has Inter-institutional collaborative projects with several agencies.

#	Level	Name	Grants received
A	National collaboration	<ul style="list-style-type: none"> • Multi Commodity Exchange of India Ltd. • Collaboration with DGR for certificates/diploma courses. • Question Pro Softwares for online research tools. • Collaboration with Retailers Association Skill Council of India 	As per actual expenses 1,120,000
B	International collaboration	<ul style="list-style-type: none"> • Provided support to PAN African e-Network Project. The basic objective of the Pan-African e-Network project is to help Africa in capacity building by way of imparting quality education to students, through the best Indian Universities/Educational Institutions • International School of Management (ISM), Paris established a partnership alliance in year 2012 to offer academic cooperation, joint seminars and student-faculty exchange program. 	42,000 euros

19 Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Response

MoU signed with Ministry of Labour and Employment for development and conduction of joint certificate courses for skill development.

MoU with Consultancy Development Centre (CDC) Under Dept. of Science & Technology

20 Research facility / centre with

Response

ABS provides a research cell to help its students with well-equipped software like SPSS, SAS, CMI, Turnitin for plagiarism, and data bases - Prowess, Euro Monitor, ISI Emerging Markets. Amity Business School also have digital library with 3000 online journals under Faculty of Management Studies.

21 Special research laboratories sponsored by / created by industry or corporate bodies: NIL

22 Publications:

Response

The faculty members publish and present their research work in international and national journals and conferences of repute respectively as per data given below:

Description	
Number of papers published in peer reviewed journals (international)	335
Number of papers published in peer reviewed journals (National)	169
Monographs	-
Chapters in Books	44
Edited Books	5
Books with ISBN with details of publishers	6
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	398
Citation Index – range / average	1-56 Avg- 2
SNIP (Source Normalized : Impact per Person)	0.035759
SJR (Scimago Journal Rank)	0.032293
Impact Factor – range / average	0 - 6/1.0968
h-index	4.8

23 Details of patents and income generated : NIL

24 Areas of consultancy and income generated
Response

Faculty members at Amity Business School are constantly engaged in conducting consultancy and training programs, details are provided hereunder:

#	Name of Faculty member	Designation	Expertise of Faculty for Consultancy	Details of Consultancy assignment done by faculty		
				Organisation's Name	Year of commencement	Revenue generated (INR)
	Dr. Sanjeev Bansal	Dean FMS	Decision Science	TATA Motors	2011	275 lakhs
	Dr. Anupama R.	Associate Professor	Information Technology	IL&FS	2013	7 lakhs
	Dr. Taranjeet Duggal	Professor	Certified Trainer	Axis Bank	2013	2.35 lakh
	Dr. Ritesh Dwivedi	Assistant Professor	Rural Management	Inter cooperation Social development India	2014	1 lakh

25 Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response

ABS encourages international exposure of faculty. The faculty members have visited various national and international institutions and industries. The details are as follows:

#	Faculty Name and Designation	Details of visit other Lab / Institution / Industry	National / International
1	Dr. Chandranshu Sinha (Associate Professor)	Shastri Indo-Canadian subsidiary grant of CAD\$100 for visiting Centre for Inter Disciplinary Research on Narratives (CIRN), St.	International

		Thomas University, NB, Canada	
2	Dr. Anita Kumar (Assistant Professor)	University of Cork, Republic of Ireland	International

Students of Amity Business School are sent for Study Abroad Program (SAP) to international campuses of Amity University, where faculty members accompany them. The details of faculty members who have thus visited the international campuses is provided hereunder:

International

#	Faculty Name and Designation	Details of visit other Lab / Institution / Industry	Duration	
			From	To
1	Dr. JK Sharma (Professor)	Amity University, Dubai	2012	2013
2	Dr. R R Ghatak (Associate Professor)	Amity University, Dubai	2012	2013
3	Dr. Aparna Goyal (Associate Professor)	Amity Global Business School, Singapore	2013	2013
4	Ms. Vandana Gupta (Assistant Professor)	Amity Global Business School, Singapore	2014	2014
5	Ms Ruchika Nayyar (Assistant Professor)	Amity Global Business School, Singapore	2014	2014
6	Dr. K. K. De (Professor)	Amity Global Business School, Singapore	2015	2015
7	Dr. Anjani Kr. Singh (Associate Professor)	Amity Global Business School, Singapore	2015	2015
8	Dr. Anita Kumar (Assistant Professor)	University of Cork, Republic of Ireland	2015	2016
9	Ms. Bandana Chadha (Assistant Professor)	Amity Global Business School, Singapore	2016	2016
10	Dr. Shikha Mishra (Assistant Professor)	Amity University (Birbeck) London	2016	2016

Industrial Visits

S.No	Name of the Company	Program	Students / Faculty & Staff Member
1	Control & Switchgear Co. Ltd.	MBA(G) Sec-D 2014	50 / 2
2	Leroy Somer India Ltd	MBA(G) Sec-C 2014	50/2
3	Hero Motors	MBA(M&S) Sec-A 2014	42 / 2

4	EVOK (Hindware Home Retail Ltd.)	MBA(RM) 2013 & 2014	35/2
5	JBM Auto	MBA(M&S), Sec-B 2014	44 / 2
6	Bisleri International	MBA(M&S) Sec-C , 2014	30 / 1
7	Bisleri International	MBA(M&S) Sec-C , 2014	30 / 1
8	New Holland Fiat (india) Pvt Ltd.	MBA(HR) Sec-A 2014	30 / 2
9	AMTEK Auto Ltd.	MBA(HR), Sec-C 2014	43 / 2
10	Moser Baer India	MBA(HR) Sec-B 2014	54 / 2
11	Goodyear Ltd.	MBA(G) Sec-B 2014	50 / 2
12	Mother Dairy	MBA (G) Sec-A, 2014	51 / 2
13	Mother Dairy	MBA(M&S) Sec-D, 2014	48/2
14	Goodyear India Ltd,	MBA(G)Sec A	30-35
15	C& S Electric Ltd,	MBA)G)Sec B	30-35
16	JBM Auto Ltd,	MBA(G) Sec C	30-35
17	Hindustan National Glass & Industries Ltd, Bahadurgarh	MBA(M&S) Sec A, MBA(R)	30-35
18	HT Media Ltd	MBA(M&S) Sec B	30-35
19	Metzeler Automotive Profiles India P Ltd, Ghaziabad	MBA(M&S) Sec C	30-35
20	Mother Dairy, New Delhi	MBA(M&S) Sec D	30-35
21	Varun Beverages Ltd,	MBA(HR) Sec A	30-35
22	Escorts Construction Equipment (Escorts Ltd).	MBA(M&S) Sec A , Sec D & MBA(RM)	22
23	Graziano Transmission India P Ltd	MBA(HR) Sec C	28
24	Relaxo Footwear Ltd	MBA(G) Sec B, MBA(HR) Sec B	30
25	PANASONIC AVC NETWORKS INDIA co ltd	MBA(HR) Sec A, Sec C	28

26 Faculty serving in Response

a). International & National Committees

S. No	Name of the faculty	Serving/Served as (Designation)	Conference Name	National/International
1.	Dr. Chandranshu Sinha	Member	3rd European Conference on Social Media (ECSM- 2015)	International (Caen, France)
		Member	2nd European Conference on Social Media (ECSM- 2015)	International (School of Accounting and Administration Porto, Portugal)
		Member	14th European Conference on Research Methodology for Business and Management Studies (ECRM) to be held at).	International (University of Malta, Valletta, Malta)
		Member	Inaugural European Conference on Social Media (ECSM)	International (University of Brighton)
		Member	13th European Conference on Research Methodology for Business and Management Studies (ECRM)	International (London United Kingdom)
		Member	12th European Conference on Research Methodology for Business and Management Studies (ECRM)	International (University of Minho, Minho, Portugal)
		Member	11th European Conference on Research Methodology for Business and	International (University of Bolton, UK).

			Management Studies (ECRM)	
		Organizer	Global Leadership Research Conference -2016	National
2.	Prof. (Dr.) Balvinder Shukla	Board Member	AACSB Board Member for Asia Pacific or Latin American Institution (Non-Accredited)	International
3.	Dr. Sanjeev Bansal	Chief-Convener	Global Leadership Research Conference -2016	National
4.	Dr. Anjani Kumar Singh	Member Organizing Committee	Global Leadership Research Conference -2016	National
5.	Dr. Ashok Sharma	Member Organizing Committee	Global Leadership Research Conference -2016	National
6.	Mr. Vinamra Jain	Member Organizing Committee	Global Leadership Research Conference -2016	National

b). Faculty Members Serving in Editorial Board of Various International and National Journals

S . N	Name of the faculty	Name of Journal	National/ International Indexed in
1.	Dr. Chandranshu Sinha	Journal of Management and Marketing, Slovakia;	International -A Publication of Sci-pub Journals (www.sci-pub.com). ISSN: 1339-4896.
		Electronic Journal of Business Research Methods	International - Indexed in SCOPUS; Ranked C in the Australian Research Council ERA Journal list; rated level 1 in the Danish Government bibliometric lists; rated level 1 in the Norwegian register of scientific journals and publishers; indexed

			by the Institution of Engineering and Technology in the UK; Ulrich directory of periodicals; Open Access Journals database; EBSCO database of electronic journals; Cabell Directory of Publishing Opportunities; CiteseerX
		Our Edu International Journal	National
		Amity Business Review	National - Ebsco, Ulrich Web, Academic Keys, Advance Science Index
		Amity Journal of Energy and Environmental Studies	National
		Amity Journal of Leadership and Entrepreneurship	National
2.	Dr. Anjani Kumar Singh	Our Edu International Journal ISSN 2393-9427	National
		Amity Journal of Leadership and Entrepreneurship	National
3.	Mr. Vinamra Jain	Our Edu International Journal ISSN 2393-9427	National
4.	Dr. Amit Kr. Pandey	International Journal of Social and Behavioural Sciences (IJSBS), IRAN ISSN 2327-719X	International- Journal Quality Evaluation Report (JQER), Directory of Research Journals Indexing (DRJI)
		Our Edu International Journal ISSN 2393-9427	National
5.	Dr. Ashok Sharma	Our Edu International Journal ISSN 2393-9427	National
6.	Dr. Sanjeev Bansal	Amity Business Review	National - Ebsco, Ulrich We , Academic Keys, Advance Science Index
		Amity Journal of Energy and Environmental Studies	National
7.	Dr.	Amity Journal of	National

	Anita Venaik	Energy and Environmental Studies	
8.	Dr. Smrita Sinha	Amity Business Review	National - Ebsco, Ulrich Web, Academic Keys, Advance Science Index

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response

Faculty members are encouraged to attend various refresher courses, workshops and FDPs in their respective academic areas. The Institute also organizes FDPs for the development of faculty members.

#		Organised	Attended
a	Refresher		01
b	Orientation programs		03
c	Workshops	11	29
d	Training programs	13 FDPs	17
e	Similar programs (please specify)	6	01

28 Student projects:

Response

percentage of students who have done in-house projects including inter-departmental projects.	100% of the Students are required to do dissertation in the fourth semester
percentage of students doing projects in collaboration with other universities / industry / institute.	100% of the Students are required to do summer internship after second semester for a duration of 6-8 weeks in industry.

29 Awards / recognitions received at the national and international level:

Response

Amity Business School has been recognized and awarded by various International and National agencies

Received by Institution

Description of Award	Date of Receiving	National/ International
Wharton-QS Star Award 2014 for Best Business School in Wharton University USA	2014	International
PALMER AWARD 2014 by Wharton Business School, University of Pennsylvania (One of the top Business Schools in the world) and QS (The foremost Global University Rankings Organization)	2014	International
“The Best Business School Award in the category of Intellectual Capital (All India)” by Bureaucracy Today -Top Business Schools Excellence Awards 2013; First in North India	2013	National
Best B School by Indian Education Congress	2015	National
9 th Ranked among top 10 schools in continuation including IIM by Times Ranking	2014	National
11 th in top 19 including IIM by Times Ranking	2015	National
4 th in top 50 private B schools in India by Times Ranking	2016	National
3 rd in top 20 North India B School by Times Ranking	2016	National
Discovery Education Media graded Amity Business School ‘AA’	2012-13	International

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	National / International
1.	Prof. (Dr.) Balvinder Shukla	Professor	State Energy Conservation Award 2016	National
2.	Prof. (Dr.) Balvinder Shukla	Professor	100 Most Influential Directors of India (Education) on theme “Quality Education for Sustainable & Inclusive Growth” at World	International

			Education Congress	
3.	Prof. (Dr.) Balvinder Shukla	Professor	Rajeev Gandhi National Quality Award-2012	National
4.	Prof. (Dr.) Balvinder Shukla	Professor	'EMC Academic Leaders 2015' Award	National
5.	Prof. (Dr.) Balvinder Shukla	Professor	Indian Education Award 2012 and 2015	National
6.	Prof. (Dr.) Balvinder Shukla	Professor	"Newsmakers Achievers Award 2014" by Newsmakers Broadcasting & Communication (NBC) Pvt. Ltd. during their 5th Newsmakers Achievers' Award 2014 function held at Hotel Trident, Mumbai.	National
7.	Prof. (Dr.) Balvinder Shukla	Professor	Outstanding Leader in Education" by Franchisee India	National
8.	Prof. (Dr.) Balvinder Shukla	Professor	Person of the Year Award 2013 in category of Education by Gates and Custodian, an awarding body in India and United Kingdom	International
9.	Prof. (Dr.) Balvinder Shukla	Professor	"Bhartiya Manav Adhikar Samman -2012" for Peace, Harmony, Protection and Promotion of human rights by All India Council of Human Rights, Liberties and Social Justice at Siri Fort Auditorium, New Delhi	National
10.	Prof. (Dr.) Balvinder Shukla	Professor	Golden Peacock Global Business Excellence Award	International
11.	Dr. Sanjeev Bansal	Dean FMS	Awarded stakeholdership in Indian Patient Safety Organisation	International
12.	Dr. Anupama R	Associate Professor	2nd Best Paper Presentation at 7th Doctoral Colloquium organised by IIM Ahmedabad	International

13.	Dr.Anupama R	Associate Professor	Shiksha Rattan Puruskar alongwith a certificate of Excellence by Indian International Friends Society, New Delhi	International
14.	Ms.Amanpreet Kang	Assistant Professor	Prof. T.S. Grewal award for Best Paper in conference organized by Shaheed Bhagat Singh College (University of Delhi)	National
15.	Ms. Amanpreet Kang	Assistant Professor	First Prize for presenting paper in National Seminar on Contemporary Environment & Winning Strategies in Marketing organized by ITS - Institute of Management, Greater Noida	National
16.	Prof. Satish Kumar Malhotra	Professor	His article titled “Whistle Blowing and Professional Responsibility” published in the July 2012 issue of the journal of Chartered Secretary has been adjudged for the award of First prize of Rs.5,000/- in General Category under the Prize Award scheme for articles published in Vol. XLII (Year 2012).	National
17.	Dr.Anupama R	Associate Professor	Amity Directorate of Management and Allied Areas (ADMAA) – ABS Research Award for unrelenting efforts of Research Activities.	University
18.	Dr.Garima Malik	Assistant Professor	Won the Third Prize in case study presentation workshop – Conduit. Case study titled "Cluster Analysis for Customer Segmentation–Helping Vespa create right Market Communication" held at Amity Business School	University

Received by Doctoral / Post doctoral fellows: National Level

#	Fellow Name	Programme Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1	Triveni Singh	Ph.D (Management) Part Time	Winner – Indian Cyber Cop of the Year 2012 By DSCI-NASSCOM Certificate of Honour by Director , CBI	December 2012 December 2012
2	Sanjay Saproo	Ph.D (Management) Part Time	Academy of Hospital administration SASH 2014 on Safe and Sustainable Hospital. Presented by SASH 2014	September 2014

Received by Students: National Level

#	Student's Name	Programme Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1)	Kranthi Kumar	MBA	Ranked 5th in Article writing competition organized by IIM Bangalore	9/8/13
2)	Neil Mathews (B.Tech + MBA)	MBA	Secured 1st prize in the Digital Govt. category in Accenture Innovation Jockeys Season 3 organized by Accenture	22/08/14
3)	Manish Choudhary and Snehil Dixit	MBA	Bagged the 2nd prize in Finance Competition at IIM Indore	5/9/14
4)	Urvashi Saini & Bairavi R.(MBA-HR 2016)	MBA	second runner up at National level AIMA – NCYI organized by AIMA	26/9/14
5)	Rishu Mittal	MBA	Won 1 st prize at IMT Ghaziabad Summer internship competition	17/10/14
6)	Supriya	MBA	1 st prize in Rangoli	1/10/2015

	Kumari and Surbhi Dhawan		making competition at IMS Ghaziabad	
7)	Savia Asim	MBA	won the Honorable Mention Award at IIM Calcutta Model United Nations	9/1/2016
8)	Bhavya Pandey	MBA	Won honorable mention All India Essay Writing Competition, Sri Ram Chandra Mission & UN Information Centre for India & Bhutan	01/20116
9)	Saquib Ahmed	MBA	Awarded first position SRCC-The Marketing Summit	02/2016
10)	Abhijeet Verma and Prafful Aggarwal	MBA	Winner of National Competition for Management Students(NCMS) organized by AIMA	30/9/13
11)	Charti	MBA	Secured 2nd prize at NIILM-Aristos- Summer Internship Contest	25/10/13
12)	Kranthi Kumar	MBA	Won 3rd Prize at Jagan Institute of Management Studies (JIMS) in Blog writing competition 2013	17/9/13
13)	Satyam Maitrai	MBA	Secured 2nd Prize in .NET B plan Competition held at IIT Delhi	20/10/13
14)	Kranthi Kumar	MBA	Secured 2nd prize NDIM - Article Writing Competition held at New Delhi Institute of Management	29/10/13
15)	Kranthi Kumar and Satish	MBA	Secured 2nd prize Shaheed Bhagat Singh College Debate	28/10/13
16)	Prafful Ratna Aggrawal and Shobhit Kalra and	MBA	1 st prize in debate competition UDAAN —	6/12/13

	Ravneet Bhalla		and 1 st prize in B-plan competition organized by Jaipuria Institute	
17)	Geet and Shobhit	MBA	1st prize won at Marketing event in AGHAAZZ – NIILM	19/12/13
18)	Isha Agarwal and Kushal Mittal,	MBA	1st Prize of B-plan competition	
	Karthi and Saurabh Gupta		Winner of Business Quiz	
	Kushal Mittal		Winner of GD	
	Kratika, Meghna, Shruti, Bhawn, Saurabh		2 nd prize for Ad Mad show	
	Ayushi Agarwal		Winner of Poster making competition at IMT Ghaziabad	
19)	Karthi.M & Sahil Keshav	MBA	Won 1st prize in Warzone organised by Asia Pacific Institute of Management	24/1/14
20)	Taranjit Singh & Gurpreet Singh Chhabra	MBA	won 3rd position CU Fest of Chandigarh University	21-22/02/ 14
21)	Abhishek Varshney, Rahul, Krishna Chaitanya	MBA	Won 2 prize Miraas 2014 organized by Jamia Milia Islamia, Delhi	24-26/02/ 14

30 Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response

Amity Business school has organized a number of Seminars/ Conferences/Workshops over the last 4 years.

Title of Event	Type of Event	Location of Event	Source of funding	Outstanding Participants
'E2E- Education to Employment:	Conference	Noida, India	Funded by CII	1. Mr. Jayant Krishna, Co-Chair, CII NR Special task Force on Skills & Education; 2. Dr. Saagarika Ghoshal, Director-HR, Metro Cash and Carry; 3. Ms. Illham Punjani- Head Business Relations, Education, ACCA Global
AIMA's 11 th National Competition for Young India (NCYI	Conference	Noida, India	Funded by AIMAS	
MDP on Business Analytics by Department of IT and Operations	Workshop	Noida, India	Self funded	
Conduit	Seminar	Noida, India	Self funded	Winner Himani Bhasin First Runner up- Parth and Jyoti Second Runner up- Anita Yadav
40 th National Competition of Young Managers	Competition	Delhi, India	AIMA Funded	Bosch Limited Mr Vijay Jangid Ms Charul Jain Ms Sylvi Nazareth Andrat

International Management Research Conference	Conference	Noida, India	Self funded	1. Mr. Sanjeev Verma, CEO Steria India Ltd. 2. Prof. Anand Prakash, Delhi Univeristy
8th GLS-Industry functions,	Conference	Noida, India	Self funded	1. Amity Leadership Award – R S Sharma, CMD, NTPC 2. Pawez Diwan, CMD, ITDC
8th HR Summit	Summit	Noida, India	Self funded	1. Sanjeev Sethi, Corporate Director (HR) Imperial Hotels 2. Pragya Sinha, Head(HR) HSBC
Marketing & Retail Summit 2012	Summit	Noida, India	Self funded	1. Divyankar Goel, GM, Birla Cellulose 2. Rasika Mathur, Director Corporate Communication, Snapdeal.
9th Renvoi-Challenges for Corporate Governance in Present Economics Scenario	Conference	Noida, India	Self funded	1. Dr. Chandan Mitra, MP, Rajya Sabha 2. A P Rama Bhadran, Business Head, Hindustan Times 3. Prem Narayan, Director HNNURM, Min.of Urban Development.
Amity Youth Festival 2012	Conference/Festival	Noida, India	Self funded	Team of IMT Ghaziabad.

31 Code of ethics for research followed by the departments Response

The Amity Business School strictly adheres to the code of ethics in academic research. To ensure academic integrity & avoid plagiarism, University has a plagiarism software service from *Turnitin* (www.turnitin.com). The Faculty ensures that no thesis/report/assignment is submitted by the scholar without

plagiarism check. Also in case a scholar is found adopting or suspected of adopting unfair means or lifting other's work without his/her prior acknowledgement, strict penal action is taken by the University as may be necessary to uphold the sanctity and integrity of research work and examination system. The University also has regulations for Non -Teaching Credit Courses where students have to work on term-paper, projects and dissertations in accordance with the plagiarism policy. The NTCC work is not accepted unless checked for plagiarism by all faculty guides. The Institution strictly adheres to the University Norms when it comes to plagiarism checking and ensuring integrity in research.

32 Student profile programme-wise:

Response

The students at Amity Business School are selected through an extensive admission process. Admissions to various academic Programmes/courses offered by FMS through its institutions are done strictly on the basis of merit determined either through:

- AMCAT (Amity Common Admission Test) followed by Group Discussion and /or interview or
- CAT,MAT or GMAT followed by Group Discussion and /or interview or
- Marks in qualifying examinations followed by written test and /or Group Discussion and / or interview

For 2015-16:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA	1653	257	228	92%	92%
MBA (Entrepreneurship)	94	20	5	68%	86%
MBA (Human Resource)	516	24	88	73%	89%
MBA (Marketing&Sales)	654	132	42	75%	97.5%
MBA (NGO Management)	03	-	-	-	-
Master of Business Administration (Retail Management)	15	3	-	83%	100%
MBA (Rural Management)	5	1	1	-	-

33 Diversity of students

Response

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Master of Business Administration	24.6%	29.62%	70.37%	0
Master of Business Administration (Entrepreneurship)	4.2%	41.66%	58.33%	0
Master of Business Administration (Human Resource)	7.5%	30.59%	69.41%	.39%
Master of Business Administration (Marketing & Sales)	9.24%	27.73%	72.27%	.28%
Master of Business Administration (Retail Management)	0	42.85%	57.14%	0%
Master of Business Administration (Transport & Logistics)	0	25%	75%	0%
Advance Diploma in Business Administration	100%	0%	0%	0%

34 How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response

The student of ABS are selected for vital positions in corporate and government agencies. Two of our student have been selected for defence services while three have cleared NET apart from selection in other competitive examinations held by various agencies.

35 Student progression

Response

Amity Business School only offers PG & Ph.D programmes.

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
PG to Ph.D.	0	0	02	01	01
Ph.D. to Post-Doctoral	0	0	0	0	0
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	88% 7.5%	77% 18.16%	72.3% 22.10%	81% 13.5%	83% 9.13%
Entrepreneurs	4.5%	4.7%	5.52%	5.29%	7.79%

36 Diversity of staff

Response

ABS has a large faculty and staff across the country. Some faculty are also experience of foreign universities.

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
of the same university	11.6%	13.69%	15%	13.55%	13.79%
from other universities within the State	29.87%	28.76%	31.67%	32.2%	32.75%
from universities from other States from	55.8%	54.79%	50%	47.45%	51.72%
universities outside the country	2.59%	2.73%	3.3%	1.69%	1.72%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response

Twelve faculty members of ABS have been awarded Ph.D from their respective universities as under:

Year	2012-13	2013-14	2014-15	2015-16
Ph.D.	04	03	02	03

38 Present details of departmental infrastructural facilities with regard to Response

Library	Centrally Managed Library with the following titles of Management domain: Total number of Volumes of Books: 77603 Total Number of Titles of Books: 16972 e-journal: 17000 Print Journals :20
Internet facilities for staff and students	Centrally Managed by University with free Wi-Fi facility for staff and students.
Total number of class rooms	25
Class rooms with ICT facility	25
Students' laboratories	Computer Lab with computer systems enabled with educational and analytical softwares like SPSS, Minitab Psychology Lab in sharing with Amity School of Psychology and Allied Sciences
Research laboratories	N/A

39 List of doctoral, post-doctoral students and Research Associates Response

	2012-13	2013-14	2014-15	2015-16	2016-17
From host university	--	5	--	--	1
From other university	--	20	27	41	59

#	Name of Research Scholar	Enrolment No	#	Name Of Research Scholar	Enrolment No
1	Aparna Prakash	A01303 13025	76	Ms PRIYANKA JAIN	A01205 14004
2	Ms. Bhawana Sharma	A01303 12002	77	Ms NEHA AGARWAL	A01205 14002
3	Ms. Shilpa Kabra Maheshwari	A01303 12003	78	Ms KANAN BUDHIRAJA	A01303 14012
4	Ms. Deviyani Rohatgi	A01303 13001	79	Ms NAINA DULEIGH	A01303 14016
5	Mr. Amit Kumar Jain	A01303 13002	80	Mr GAURAV SHREEKANT	A01303 14010
6	Ms Divya Srivastava	A01205 13001	81	Mr SORABH PURI	A01303 14022
7	Ms C Ranjani	A01303 13005	82	Mr MANU NANDA	A01303 14001
8	Mr Navjot Singh	A01303 13006	83	Mr GAURAV SOOD	A01303 14011
9	Ms Sonali Somaddar	A01303 13007	84	Mr MAHESH CHADHA	A01303 14008
10	Mr Rahul Agarwal	A01303 13008	85	Mr PARITOSH MISHRA	A01303 14017
11	Ms Shalini Verma	A01303 13009	86	Ms. SAVITA MEHTA	
12	Ms Sunetra Samanta	A01303 13010	87	Mr ASHVINI CHAWLA	A01205 14008
13	Ms Abhilasha	A01303 13011	88	Mr RAJEEV MALIK	A01303 14032
14	Mr Ram Lal	A01303 13012	89	Mr. PAWAN KOUL	A01303 14037
15	Mr Rohit Mohan	A01303 13013	90	Mr SURYAKANT MANTRY	A01303 14043
16	Ms Pooja Sehgal Tabeck	A01303 13015	91	Ms KAJAL KIRAN	A01303 14042
17	Mr Kesar Singh	A01303 13016	92	Mr DEEPAK SHARMA	A01303 14027
18	Mr Bandana Chadha	A01303 13017	93	Mr DEEPESH KUMAR	A01303 14039

				YADAV	
19	Mr Ramesh Kumar Bagla	A01303 13018	94	Ms AMANDEEP KAUR	A01303 14033
20	Mr Akhil Swami	A01303 13019	95	Ms CHHAVI	A01303 14026
21	Ms Rajshree Panda	A01303 13020	96	Ms MAMTA	A01303 14034
22	Mr Satish Chandra Srivastava	A01303 13022	97	Ms PRIYANKA KUMARI	A01303 14041
23	Mr. Govind Panday	A01303 13024	98	Mr HAVISH MADHVAPATY	A01303 14024
24	Ms. Heena Chauhan	A01205 13002	99	Ms Kritika Nagdev	A01303 15042
25	Ms RAJNI RATHI	A01303 14049	100	Ms Maani Dutt	A01303 15037
26	Ms. TANUSHREE PANDEY (AGBS)	A01303 14050	101	Ms Nancy Sharma	A01303 15034
27	Ms. DIVYA PATHAK	A01303 14075	102	Ms Preethi Viswanathan	A01303 15038
28	Mr. MALI PRASHANT PRAMOD	A08334 14006	103	Ms Reema Das	A01303 15056
29	Ms Rashmi Chowdhary	A01303 15062	104	Ms Richa Manocha	A01303 15049
30	Ms Shivani Tyagi	A01205 15002	105	Ms Ritu Singh	A01303 15055
31	Ms Uruj Fatima	A01205 15005	106	Ms Sugandha Upadhyay	A01303 15036
32	Ms. Sarita Rathi	A01205 15004	107	Ms Surabhi Paliwal	A01303 15047
33	Mr Ashutosh	A01303 15010	108	Mr. Ashwin Jerome Fernandes	A01303 15063
34	Mr Kuldeep Kumar	A01303 15011	109	Ms Shobhit Anand	A40435 15001
35	Mr Yashpal Malik	A01303 15008	110	Ms Shalaghya	A01205 16001
36	Ms Aarti Sehgal	A01303 15002	111	Ms Manvi	A01205 16003
37	Ms Beila	A01303	112	Mr Akhil	A01303

	Sehdev	15004		Sarin	16001
38	Ms Neerja Anand	A01303 15024	113	Mr Atul Choudhary	A01303 16002
39	Ms Shubhangi Singh	A01303 15003	114	Ms Bhawna Singh	A01303 16003
40	Ms Surbhi Saxena	A01303 15015	115	Mr Deepak Kikan	A01303 16004
41	Ms Swati Parashar	A01303 15013	116	Ms Himani Singh	A01303 16005
42	Ms Sweety Gupta	A01303 15017	117	Ms Neetu Kamra	A01303 16006
43	Ms Ethi Jain	A01303 15018	118	Ms Sheerali Arya	A01303 16008
44	Ms. Deepanshi Bansal	A01303 15025	119	Mr Vivek Singh Tomar	A01303 16010
45			120	Ms Chanchal Sharma	A01303 16011
46	Mr Amod Prakash Singh	A01205 15011	121	Mr Pankaj Singh Rawat	A01303 16012
47	Ms Anjali Shrivastava	A01205 15006	122	Mr Tarun Kumar Rastogi	A01303 16013
48	Ms Priya Samant	A01205 15009	123	Mr Mohit Kaul	A01303 16014
49	Mr Gautam Srivastava	A01303 15044	124	Ms Neerja Arora	A01303 16016
50	Mr Indranil Mutsuddi	A01303 15039	125	Ms Vaishali Sharma	A01303 16017
51	Mr Jaiprakash Jha	A01303 15053	126	Ms Seema Wadhawan	A01303 16018
52	Mr Narinder Kumar Bhasin	A01303 15048	127	Ms Sneha Ghai	A01303 16019
53	Mr Pardeep Aggarwal	A01303 15040	128	Mr Pradyumna Kumar Jain	A01303 16020
54	Mr Prateek Mangal	A01303 15033	129	Ms Sakshee Singh	A01303 16021
55	Mr Revti Raman	A01303 15035	130	Mr Atul Kumar	A01303 16022
56	Ms Ashima Kapoor	A01303 15045	131	Abhishek Shukla	A31332 16008
57	Ms Deepali Anand	A01303 15059	132	Rajesh Kumar Yadav	A013 0316065
58	Ms Gargi	A01303	133	Arpan Sinha	A013

	Singh	15050			0316066
59	Ms Jesin Joy	A01303 15030	134	Preetika Saini	A013 0316070
60	Mr Arun Kumar Ojha	A01303 16024	135	Shweta Bhatnagar	A013 0316072
61	Mr Ghanshyam Sharma	A01303 16025	136	Shailja Sinha	A013 0316055
62	Ms Rachana Yaduvanshi	A01303 16026	137	Yashika Arora	A013 0316058
63	Ms. Shalini Sharma	A01303 16027	138	Gopal Krishan Bhargava	A013 0316059
64	Mr Aseervatham Achary	A01303 16028	139	Lochan Sharma	A013 0316060
65	Ms Pooja Sharma	A01303 16029	140	Archana Kuchroo	A013 0316061
66	Mr Nasimuddin Ahmad	A01303 16030	141	Anuj Tripathi	A013 0316062
67	Ms Malvika Tomar	A01303 16031	142	Navjeet Kaur	A013 0316064
68	Mr Abhishek Gupta	A01303 16032	143	Ravneet Singh Bhandari	A013 0316046
69	Ms Kanika Tandon	A01303 16015	144	Sujata Sikri	A013 0316048
70	Himanshu Sinha	A013 0316033	145	Gaurav Taneja	A013 0316049
71	Neeraj Kaushik	A013 0316034	146	Monica Sinha	A013 0316051
72	Pankaj Kumar	A013 0316035	147	Vivek Kumar	A013 0316053
73	Rachita Ota	A013 0316038	148	Renu Sharma	A013 0316042
74	Tushar Tyagi	A013 0316040	149	Padmakar Jha	A013 0316043
75	Pallavi Tandon	A013 0316041	150	Mitali Awasthi	A013 0316045

- 40 **Number of post graduate students getting financial assistance from the university.**
Response

Type of Scholarship or other financial assistance	Number of PG students			
	2012-13	2013-14	2014-15	2015-16
Dr. Ashok K Chauhan Scholarship	1	0	0	0
Merit Certificate For Being The Topper	0	1	0	1
Merit Scholarship During The Programme	3	14	9	7
On Admission Merit Scholarship	2	7	5	6

- 41 **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response

Yes. On the feedback of our recruiters was analysed and the requirement of MBA (T&L) emerged. Further to substantiate we had conducted a survey for Manufacturing, Transport and Logistic Companies in India and UAE.

The proposal was created to ensure quality content, and effectiveness of the curriculum. Area wise meetings were held with the Head of the institution followed by Board of Studies wherein participation of Industry experts is ensured.

- 42 **Does the department obtain feedback from**

Response

The feedback on the programme and courses are collected from various stakeholders -faculty, students, alumni, employers, academia and industry experts.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Feedback from course faculty is taken on course curriculum – learning & evaluation methodology at the end of the semester at ABS. The feedback received from various stakeholders including faculty is analysed by Course Review Committee. The suggested changes are deliberated and incorporated while renewing the course curriculum.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Mandatory student feedback is taken twice in every Semester – initial upon commencement of the semester and second ‘pre-exam’. The student feedback is analysed by the HOI and suitably shared with the faculty members for necessary action and improvement. The feedback on sharing of session plans as well teaching-learning-evaluation is also provided by the students.

Alumni and employers on the programmes offered and how does the department utilize the feedback?	<p>The Programme Review Committee ensures that the changes can be done after taking feedback as well as suggestions from all stakeholders including:</p> <ul style="list-style-type: none"> a) Alumni – having studied specific courses give feedback on the relevance of programme content for the industry b) Industry experts – are involved in the programme review committee so that the students are taught courses which have significant demand in the applied segments. This also ensures that the gap between the industry and academia is reduced. <p>To improve the overall course and programme outcomes, the alumni and employer feedback is incorporated in the courses and thereby in the programmes.</p>
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43 List the distinguished alumni of the department (maximum 10)

Response

Amity is proud to see its Alumni working in renowned corporate at senior positions

S. No	Alumni Name	Designation	Company Name	Batch
1	Mr. Aniruddha Nanda	Vice President Operations	EXL Service	1997
2	Sandeep Tiwari	Director-Consumer Electronics & Home Appliances	Samsung India Electronics Ltd.	1997
3	Mr. Amitabh Bhatnagar	VP	Bennett & Coleman Co. Ltd.	1998
4	Ms. Ayesha Bhalla	Director of Sales and Marketing	JW Marriott Hotel	1998
5	Mr. Joy Sekhri	Leader- Business Expansion, South Asia	MasterCard	2001
6	Mr. Yogesh Singhanian	Zonal Head	Vodafone	2002
7	Mr. Atanu Basu	Assistant Vice President -Investment Services	Cushman & Wakefield India Pvt. Ltd.	2003
8	Mr. Kishore Rajpal	Director	Ernst & Young, United Arab Emirates	2005
9	Mr. Pawan Kumar Sharma	Regional Head (North & East)-UTV ACTION	Disney	2006
10	Ms. Kisha Gupta	Global Head	Infosys	2007

44 Give details of student enrichment programmes (special lectures / workshops seminar) involving external experts.

Response

Interaction with external experts (Industry, Academics & research) is organised regularly through various forms such as:

- Weekly guest lectures
- Monthly CEOs Forums
- Monthly Interaction with Industry Mentors
- Annual corporate Meet of Recruiters, Advisors & Industry Guides.
- Annual Conferences
- Evaluation of Dissertation by panel of experts.

Special lecture/workshops/seminar involving external experts were organised on time to time basis ensuring the maximum learning for the students.

Details of Expert Panel are attached as Annexure – 1

45 List the teaching methods adopted by the faculty for different programmes.

Response

Teaching methods adopted by the faculty makes the students learn how to make decisions backed up by data and sound reasoning. The following methods are adopted by faculty to teach various programmes:

Blended Learning – Through this approach the course content is delivered via digital and online media with some element of student control over time, place, path, or pace.

Case Based Learning – The cases related to the course are used to challenge students to use problem solving techniques, self-learning, team participation skills, and disciplinary knowledge.

Cooperative Learning – The projects given to the students are aimed to catalyse academic and social learning experiences.

Field Based Learning – Specific courses involve course work which takes place outside the classroom such as visiting the factory to observe the manufacturing process, visiting the various retailers in mall and learn about visual merchandizing, etc.

Inquiry Based Learning – The facilitator provides questions, problems or scenarios to the students in form of projects or cases which help the students determine the ideal solutions for the practical problems faced by businesses.

Problem Based Learning - The students are encouraged to learn about a subject/ course through the experience of solving an open-ended problem.

Community Service Learning – Through the Value Added Courses, the students are motivated to undertake community service.

Experiential Learning – The learning techniques involving reflection by doing help bridge the gap between classroom learning and practical business requirements.

Role Plays – In various courses the students are encouraged to assume the roles of characters and collaboratively create stories.

Learning Management System (LMS) – Learning management systems have

been used to deliver courseware to the students to enable them for a self-based learning. The system offers various benefits like:

1. Access to lecture videos and other learning resources
2. On line internal assessment
3. Online Group assignments with inbuilt system for plagiarism check
4. Tracking the extent of learning
5. Online interactive group forums
6. Report Generation
7. Mobile app to access the content anytime anywhere and many more

Flipped Classes - The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed and students gain first exposure to new concept/ material outside the classroom.

Short video lectures/ online presentations etc. are made available on line for self-learning by students at home before the class session, while class time is devoted to exercises, discussions etc.

46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response

ABS has a detailed outcomes assessment plan helps to establish and monitor appropriate measures of student learning and involvement to continually improve the quality of student experiences and learning. The annual outcome assessment process is more qualitative and focuses on improving teaching by analyzing student learning outcomes.

Outcomes assessment is a systematic, evaluative process that is implemented to secure learning experiences that are congruent with original goals and objectives; thereby providing a basis for the effectiveness and continuous quality improvement of the academic unit.

Assessment is an iterative feedback process for continual programme improvement, based on the model shown below.

Step one is to define intended programme learning objectives: specifically, what do we want our graduates to know and actually to be able to do?

Step two is to define measurable outcomes that will serve as evidence of how well each objective has been met, and then actually to measure them. Because this step requires explicit articulation of programme success criteria, it often has the added benefit of clarifying faulty assumptions

Step three is to compare actual observed outcomes to intended programme objectives: how well did we meet our objectives in general, and our student learning objectives in particular?

Step four, based on how well or how poorly achieved outcomes compare to intended outcomes, elements of the programme (including assessment elements) are redesigned as appropriate, and a new assessment cycle begins

Learning outcomes are measured by direct methods and indirect methods.

Direct Measures	Indirect Measures
Standardized tests / Class Test	Students Feedback
End Semester Examination	Satisfaction Surveys

Individual student work	Graduation rate
Pre-test and post-test evaluations	Alumni Surveys
Home Assignments, Seminar & Quiz(es)	Employers Surveys
Internal or external juried review of student work	Syllabi and curriculum analysis
Case study/Written Case Analysis	Result analysis
Term papers, projects or presentations, Viva	
Project or course imbedded assessment	
Documented observation and analysis of student behaviour / performance	
Externally reviewed internship or practicum	
Collections of work (portfolios) of individual students	
Activity logs	
Attendance (5 marks)	
Scoring Rubrics	

47 Highlight the participation of students and faculty in extension activities.

Response

a). Participation of faculty members in extension activities are attached as Annexure-2 (A)

b). Students are actively engaged in extension activities. Participation of students in extension activities are attached as Annexure-2(B)

48 Give details of “beyond syllabus scholarly activities” of the department.

Response

Department is involved in lot of beyond syllabus activity by Participation of the department in the courses offered by other departments, organizing various co-curricular activities for the students. Details of types of Scholarly activities are attached as Annexure-3

49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response

The programmes of ABS are accredited by the following international agencies apart from accreditation by WASC and NAAC along with the university:

#	Agency	Programme
1	International Assembly for Collegiate Business Education (IACBE)	All Programmes
2	Accreditation Council for Business Schools and Programmes	All Programmes

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response

Amity Business School emphasizes on the interdisciplinary research which is relevant to academics and industry both. The research at ABS has been facilitated by various centres of excellence and faculty and has been published as books, articles and papers. To support the continuous journey of research and innovation ABS publishes following peer reviewed research journals:

1. Amity Business Review (ISSN No. 0972-2343)
2. Amity Journal of Energy & Environment Studies (ISSN No. 2454-7778)
3. Amity Journal of Entrepreneurship & Leadership

At ABS faculty and students have developed more than 1256 management case studies covering domain like domains like Strategy, Marketing, Economics & Finance and others, bought over 62 countries.

Domain / Area	No. of Case Studies
1. Marketing	330
2. Strategy & General Management	400
3. Economics, Politics & Business Environment	50
4. Ethics and Social Responsibility	64
5. Human Resource Management/ Organizational Behaviour	260
6. Finance, Accounting & Control	35
7. Knowledge, Information and Communication	28
8. Production and Operations Management	6
9. Entrepreneurship	23
TOTAL	1256

Few of the case-studies are:

- Tata Tea's 'Jaago Re' Campaign: A Case in Social Cause Marketing
- Electric Vehicles: An Idea Whose Time Has Come?
- Nikon's Growth Strategies in Indian Digital Camera Market
- Cadbury Dairy Milk in India: Repositioning Brand to Sustain Leadership
- Perfetti Van Melle: Will it sustain its leadership in Indian Confectionery Market?
- Britannia's Re-entry into Indian Dairy Business

Some of the universities and corporate who have bought our case studies:

- London Business School, UK
- Yale School of Management, USA
- IMD Business School, Switzerland
- University of Oxford, UK
- Boston University, USA
- Columbia University, USA

- McKinsey & Company, USA
- AT Kearney, USA

Amity Business school is associated with Amity Science, Technology and Innovation Foundation which further provides fellowship for both faculty and students.

ABS is an integral part of Amity Innovation and Incubator center which helps in creation of new ideas and setting up the right atmosphere for students to incubate their ideas and helps to promote startups.

Amity Business School conducts:

- B Plan Competition
- Annual Research Conference
- Case Study Competition (Conduit)

51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response

The institutional strengths, weaknesses, opportunities and threats are given below:

Strengths

- Amity Business School is the Flagship Institution of Amity University with a strong Brand Equity and overarching strategy.
- Amity Business School has realized higher prestige through National and International accreditations like IACBE/ACBSP etc and have also established and steered the continuous improvement of Academic Processes to support the University. Amity Business School has been ranked amongst 10 Best Business School by several Business School Ranking Agencies for consecutive years
- The Intellectual Faculty Members at Amity Business School make a major part of skillful teams to support University Headquarters for Strategic Planning .A number of senior faculty members have also taken up higher-order roles and responsibilities at the sister institution.
- Amity Business School has strong portfolio of high quality Programmes in Business Management (with range of Specializations), with a focus on ethical, moral and social development of its students.
- Amity Business School has robust links with Alumni and Industry, underpinning a strong reputation for creating opportunities for good placement for its students. In recent years Amity Business School had some impressive success stories in terms of entrepreneurship as well.

Weaknesses

- As a management institution our faculties are required to focus on Research , Consultancy, Training .
- Amity Business School needs to emphasize on conducting training for various corporate houses at all levels
- Amity Business school needs an improvement the level of faculty engagement in research and Consultancy Projects
- Amity Business School needs to ensure that its students are developing more business ideas and Patenting the same.
- Amity Business School needs to define and implementing an overall

internationalization strategy for the long term with special emphasis on Student Exchange Programmes which are currently not well prioritized.

Opportunities

- Amity Business School looks at establishing the "research & academic credibility" and create better acceptance in Government sector for bagging more research and consulting projects on its table.
- Effective implementation of learning management system software for better student-teacher led interaction
- Increase Student Diversity opting for Business Programmes
- Development of entrepreneurship among the students.
- Improve Alumni Relations

Challenges

- Amity Business school faces stiff Competition from older institutions with a better academic brand equity
- By virtue of globalisation and rapid market change we at ABS are facing uncertainties from the industry regarding employment opportunities for graduating students
- Economic scenario is making the placements and entrepreneurship a challenge.
- The placements and entrepreneurship a challenge

52 Future plans of the department.

Response

The future plans of the institution are given below:

- Amity Business School is eyeing some more international accreditations like AMBA, EQUIS, AACSB etc
- Amity Business school intends to Introduce of new inter-disciplinary/cross functional programmes with sister institutions
- Amity Business School looks at increasing opportunities for faculty for top end consulting
- Amity Business School would invest in Faculty Development and also seek funding for participation of Faculty in International Conferences and Seminars

Broad Area	Action Plan
Research and Publication	<ul style="list-style-type: none"> • A Research Conference is being organized to channelize the Papers in Scopus indexed Journals. • Workshops to be conducted to motivate faculty and research scholars to convert their research work into publication • Joint research with institution of repute's both National & international.
Training, Consulting and MDPs	<ul style="list-style-type: none"> • Identify the corporate requirements for – Consulting, Training and MDP's and design appropriate programmes • Signing of MoU's with various institution to facilitate the same
FDPs	<ul style="list-style-type: none"> • Motivating faculty members to conduct FDP

	<ul style="list-style-type: none"> Joint FDPs with corporates Analyse training needs of faculty members Identifying international and national institutions for research collaboration
Internationalization	<ul style="list-style-type: none"> Identifying Institutes for international academic collaboration Establishing contacts with prospective international institutes/ universities
Industry needs	<ul style="list-style-type: none"> Introduce industry specific MBA courses.

▪ Annexure – 1

S.N o.	Date	Category: Guest lecture / Panel Discussion / Interactive Session	Topic	Speaker(s)- Name, Designation & Organisation	No. of Participants
1	12-Jul-12	Alumni Forum	“Industry Expectations from the Young Managers”	Mr. Anurag Pathak, Sr. VP, , BNP Paribas Wealth Management	253
2	12-Jul-12	Alumni Forum		Mr. Gaurav Yadav, Co-Funder , Civitas Digital Marketing Pvt. Ltd.	
3	12-Jul-12	Alumni Forum		Mr. Ram Panwar, Manager-Marketing, IBM	
4	12-Jul-12	Alumni Forum		Mr. Amardeep Singh Dhingra, Manager, Pitney Bowes India Pvt. Ltd	
5	18-Jul-12	Alumni Forum	Industry Expectations from the Young Managers”	Mr. Pawan Kumar Sharma, Group Head-Sales (North & East), Walt Disney (UTV Group)	470
6	18-Jul-12	Alumni Forum		Mr. Anshuman Srivastava, Sr. Associate, E&Y	
7	18-Jul-12	Alumni Forum		Mr. Anukaran Malik , Manager-Marketing, Barclays	
8	18-Jul-12	Alumni Forum		Mr. Inteqab Alam, Manager-Marketing, India Today	
9	18-Jul-12	Alumni Forum		Ms. Aanchal Tripathi, Manager-HR, Wipro Infotech Ltd	
10	25-Jul-12	Alumni Forum	“Experience Sharing & Industry Expectations	Mr. Ashim Mathur, Head-Mktg, Dolby Laboratories India	62
11	25-Jul-12	Alumni Forum		Mr. Kunal Pandey, Branch Head, Aditya Birla	

12	25-Jul-12	Alumni Forum	Experience Sharing & Industry Expectations	Mr. Pranjal Srivastava, Services Product Manager, Adobe Systems	62
13	25-Jul-12	Alumni Forum		Mr. Vidur Gupta, CEO, Spectrum Talent Management Solutions	
14	26-Jul-12	Corporate Forum	“Corporate Expectations from the Young Managers”.	Mr. Dharam Arora, Director, THE Source	58
15	26-Jul-12	Corporate Forum		Mr. Adwait Singh Chaudhri, Manager, BhartiAirtel	
16	26-Jul-12	Corporate Forum		Mr. Arun Prasad, AVP, Ultratech Cement	
17	9-Aug-12	Corporate Forum	“Industry Expectations from the Young Managers”.	Mr. Sandeep Mohanty, AGM-HR, Amtek Auto Group	102
18	9-Aug-12	Corporate Forum		Mr. Rakesh Ranjan, Sr. Manager-HR, Vodafone	
19	9-Aug-12	Corporate Forum		Mr. Vinod Sharma, Sr. Manager-HR, P7 News	
20	9-Aug-12	Alumni Forum	“Industry Expectations from the Young Managers”	Mr. Gaurav Yadav, Co-Funder , Civitas Digital Marketing Pvt. Ltd.	61
21	9-Aug-12	Alumni Forum		Mr. Deepak Srivastava, Head-Business Development, Ansh Info Media	
22	9-Aug-12	Alumni Forum		Mr. Rajat Sharma, Sr. Account Manager, Siemens Enterprise Comm.	
23	9-Aug-12	Alumni Forum		Mr. David Livingstone, Asst. Manager-HR, HT Media Ltd.	
24	9-Aug-12	Corporate Forum	“Industry Expectations from the Young Managers”.	Mr. Amulya Sah, DGM-HR, Samsung India	104
25	9-Aug-12	Corporate Forum		Dr. Rohit Bhasin, Sr. Associate, Copal Partners	
26	9-Aug-12	Corporate Forum		Mr. Shubhankar Ghosh, Regional Head-HR, Muthoot Fincorp Ltd.	
27	9-Aug-12	Corporate Forum		3) Mr. Shashi Bhushan Passi , North Head, L&T Holdings Pvt. Ltd	
28	9-Aug-12	Alumni Forum	“Industry Expectations from the Young Managers”	Mr. Sharad Mishra, Associate Vice President, Kotak Mahindra Bank	52
29	9-Aug-12	Alumni Forum		Ms. Mondira Mukherjee, Relationship Banking	

				Head, HDFC Bank LTd.	
30	9-Aug-12	Alumni Forum		Mr. Sumit Harjani, Engagement Manager, TMI	
31	9-Aug-12	Alumni Forum		Mr. Robin Chopra, COO, Apple Style Homes	
32	22-Aug-12	CEO Forum	“Industry Expectations from the Young Managers”.	Dr. Anup Kalra, CEO, Dabur Ayurved Ltd	220
33	22-Aug-12	CEO Forum		Mr. Bipul Kumar, Founder & CEO, Tatsam Sports Pvt Ltd	
34	13-Sep-12	CEO Forum	Five Qualities required to become a Successful Manager”.	Mr. Dharmesh Zavery Chief Operating Officer, Kanodia Technoplast Ltd.	153
35	13-Sep-12	CEO Forum		Ms. Rimy Oberoi Chief Learning Officer, Oyster Learning	
36	1-Nov-12	CEO Forum	“Dancing with the Elephants Strategies for Start Ups”	Mr. Navyog Mohnot, CEO, QAI Global	250
37	9-Jul-13	Corporate Forum	Unfolding Expectations	Mr. Gautam Kashyap, Director, Ushmak Nobility LLP	189
38	9-Jul-13	Corporate Forum		Mr. Vikrant Khanna, Principal Consultant, Tholons India	
39	9-Jul-13	Corporate Forum		Mr. Parakshit Dhingra, Head Public Affairs, Novozymes South Asia Ltd	
40	9-Jul-13	Corporate Forum		Mr. Ankit Sabharwal, Regional Information Security Manager, Noika India	
41	11-Jul-13	Alumni Forum	Unfolding Expectations	Dr. Shashank Singh, Project Head, Innodata	411
42	11-Jul-13	Alumni Forum		Mr. Pranjal Srivastava, Services Product Manager, ,Adobe	
43	11-Jul-13	Alumni Forum		Ms. Manpreet Grewal,, Associate Director,, Remax India	
44	11-Jul-13	Alumni Forum		Mr. Sahil Kapoor, Regional Head- Sales , Remax India	

45	17-Jul-13	Alumni Forum	Experience Sharing & Industry expectations from young budding manager	1. Mr. Arnab Deb Choudhary, Manager-Sales, HP	197
46	17-Jul-13	Alumni Forum		2. Mr. Anjan Chakravorty, Sr. Manager, PWC	
47	25-Jul-13	Corporate HR Forum	Employee Relations and Strategic HR	Ms. Monika Diwan, HeadHR, GfK India	197
48	25-Jul-13	Corporate HR Forum		Mr. Deepak Mishra, Delhi Circle HR Head, Sistema Shyam Teleservices Ltd.	
49	25-Jul-13	Corporate HR Forum		Mr. Rajeev Ranjan, Head & Vice President – Human Resources (Global Operations), UEM Group	
50	29-Jul-13	Alumni Forum	Experience Sharing & Industry expectations from young budding manager	Mr. Deepak Garg, Sr. Program Mgr, Adobe System	148
51	29-Jul-13	Alumni Forum		Mr. Abhishek Atre, Sr. Manager- Branding & Strategic Marketing, HCL Technologies	
52	29-Jul-13	Alumni Forum		Mr. Suheel Nabi, Manager- Business Development & Strategies, SAP Lab India	
53	7-Aug-13	Guest Lecture	Digital Marketing	Mr. Rohit Aggarwal, Vice President, NIIT Technologies	120
54	7-Aug-13	Corporate Forum	Retail Industry	Ms. Meenakshi Sharma, Head (Merchandising), Hindware Home Retail (EVOK)	37
55	7-Aug-13	Corporate Forum		Mr. Sankalp Nandkeolyar, Senior Manager- Retail, Hindware Home Retail (EVOK)	
56	8-Aug-13	CEO Forum	Experience Sharing “My Success Mantras”	Mr. S.K Sharma, CEO, Global Agri Pvt Ltd	100
57	8-Aug-13	CEO Forum		Mr. Vikas Rah Sharma, Director, Cosmic Group	
58	8-Aug-13	CEO Forum		Mr. Suraj Nangia, MD, Nangia Advisors Private Ltd	
59	8-Aug-13	CEO Forum		Mr. Sameer Chopra, MD & Co. Founder, Remax India	

60	24-Aug-13	Corporate Forum	Deloitte Forum- : Interactive session Career in U.S. Taxation”	Mr. Jorge A. Caballero, Tax Managing Partner-New Jersey, Deloitte Tax, Deloitte Consulting India Pvt. Ltd	104
61	24-Aug-13	Corporate Forum		Ms. Stephanie Arnold, Sr. Manager Tax, Deloitte Consulting India Pvt. Ltd	
62	24-Aug-13	Corporate Forum		Mr. Krishna Konijeti , Manager-Tax, Deloitte Consulting India Pvt. Ltd	
63	24-Aug-13	Corporate Forum		Mr. Vibhuti Patel, Sr. Manager-Tax, Deloitte Consulting India Pvt. Ltd	
64	24-Aug-13	Corporate Forum		Ms. Achina Sharma, Talent Acquisition Team, Deloitte Consulting India Pvt. Ltd	
65	29-Aug-13	Alumni Forum	“Industry Expectations from Budding Managers”.	1. Mr. Deepak Garg, Sr. Program Manager, Adobe System	123
66	29-Aug-13	Alumni Forum		2. Mr. Abhishek Atre Sr. Manager- Branding & Strategic Marketing, HCL Technologies	
67	29-Aug-13	Alumni Forum		3. Mr. Suheel Nabi, Manager- Business Development & Strategies, SAP LAB India	
68	29-Aug-13	Corporate Finance Forum	How sustainability can be affected through finance or Sustainability through managing finance in Organization	Mr. Sanjay Jain, Company Secretary & Chief Finance, PNB Housing Finance	80
69	29-Aug-13	Corporate Finance Forum		Mr. C. S. Paliwal, Asst. General Manager, Union Bank of India	
70	29-Aug-13	Corporate Finance Forum		Mr Asim Hussain, Vice President, Bibby Financial Services (India)	
71	30-Aug-13	Corporate Forum	“Industry Expectations from Budding Managers”.	Mr. S.P. Arora, Chief General Manager, IFCI Ltd.	80
72	30-Aug-13	Corporate Forum		Mr. Rishi Khanna, Head Trade Marketing, HT Media Ltd.	
73	30-Aug-13	Corporate Forum		Mr. Vikas Agarrwal, Head Client Servicing, Indiamart InterMesh Ltd.	

74	13-Sep-13	CEO Forum	“Five Qualities required to become a Successful Manager”.	Mr. Dharmesh Zavery, Chief Operating Officer, Kanodia Technoplast Ltd.	103
75	13-Sep-13	CEO Forum		Ms. Rimy Oberoi, Chief Learning Officer, Oyster Learning	
76	19-Sep-13	CEO Forum	Leadership during Complexity & Change	Mr. Harshwardhan Ghai, CEO, BCL Secure	170
77	19-Sep-13	CEO Forum		Mr. Mohana Bharath, CEO, Techconnect Services Pvt Ltd.	
78	19-Sep-13	CEO Forum		Mr. Anshul Garg, MD, Mohan Electro Casting Pvt Ltd.	
79	19-Sep-13	CEO Forum		Mr Rajeev Ranjan, CEO, E-Solutions IT services Pvt Ltd.	
80	19-Sep-13	CEO Forum		Mr. Arunesh Sharan, CEO, Marison Connectiva Pvt. Ltd.	
81	20-Sep-13	Corporate Forum	"Human Capital Challenges in the Energy/Power Sector"	Mr. S K Acharya, Director HR, Nevyali Lignite Corporation Ltd	110
82	24-Sep-13	Guest Lecture	Project Financing & Infrastructure Financing	Mr. A K Mishra , Advisor, Citi Bank	50
83	26-Sep-13	CEO Forum	Managing Sales Force in an organization	Ms. Sandhya Tomar, MD, Royal Pressing Pvt Ltd	90
84	26-Sep-13	CEO Forum		Mr. Diwakar Dhyani , CEO, Corporate Infocom Private Limited	
85	7-Oct-13	Corporate Forum- Deloitte Forum	“US Taxation”	Keith Oates – Regional Management Director, USI Tax	80
86	7-Oct-13	Corporate Forum- Deloitte Forum		Jeffrey Totten – Office Management Director, Delhi Office, USI Tax	
87	7-Oct-13	Corporate Forum- Deloitte Forum		Michael Barbosa – Senior Manager – Tax	
88	7-Oct-13	Corporate Forum- Deloitte Forum		Mirza Zahoor Ali Baig – Manager – Tax	
89	7-Oct-13	Corporate Forum- Deloitte		Simmi Sarna Assistant Manager – Talent	

		Forum		Acquisition	
90	17-Oct-13	CEO Forum	Winning formula for Success	Mr. Sanjeev Varma, CEO, Steria (India) Ltd.	110
91	17-Oct-13	CEO Forum		Mr. Harsh Wardhan CEO, BCL Secure	
92	17-Oct-13	CEO Forum		Mr. Samik Dasgupta, COO, Hardicon Ltd.	
93	8-Jul-14	CEO/Alumni Forum	Experience Sharing & Industry expectations from young budding manager	Mr. Amit Chhabra, CEO, Anglian Flamingo	200
94	8-Jul-14	CEO/Alumni Forum		Mr. Alok Kumar, Director-CRM, Aircel Ltd	
95	8-Jul-14	CEO/Alumni Forum		Mr. Amulya Shah, GM-HR, Samsung India Ltd.	
96	8-Jul-14	CEO/Alumni Forum		Mr. Anurag Pathak, VP, HDFC Bank Ltd	
97	8-Jul-14	CEO/Alumni Forum		Mr. Jitesh Arora, CEO, Ideation Soft Labs Pvt Ltd	
98	8-Jul-14	CEO/Alumni Forum		Ms. Tanya Tandon, Manager-HR, KPMG	
99	8-Jul-14	CEO/Alumni Forum		Mr. Gaurav Yadav, CEO, School Quiz League	
100	8-Jul-14	CEO/Alumni Forum		Mr Kaushik Bellani, MD, McGraw Hill Education (India) P Ltd	
101	10-Jul-14	CEO/Alumni Forum	Experience Sharing & Industry expectations from young budding manager	Ms. Manu Sharma , Sr. VP, HSBC	250
102	11-Jul-14	CEO/Alumni Forum		Mr. Vikas Rao, Director , V Rao & Associates	
103	12-Jul-14	CEO/Alumni Forum		Mr. Salil Sahu, Managing Director, Home Stores (India) Ltd	
104	13-Jul-14	CEO/Alumni Forum		Mr. Pradeep K. Jaisingh , Managing Director & CEO, International Oncology Services Pvt Ltd	
105	14-Jul-14	CEO/Alumni Forum		Mr. Anshul Gupta , Executive Director, RailTel Corporation of India	
106	14-Aug-14	Corporate HR Forum	Employee Engagement	Mr. Prashant Bhatnagar, Head-Talent Acquisition, Sapient Consulting	126
107	14-Aug-14	Corporate HR Forum		Mr. Suhail Farooq, Vice President - Talent Management, KFW-Bank	
108	14-Aug-14	Corporate HR Forum		Mr. S.M.H. Siddiqui, Head-Talent Acquisition,	

				Idea Cellular Ltd.	
109	28-Aug-14	Corporate Forum	ICICI Securities (Stock Mind)	Mr. Dhiraj Sharma , Cluster Head	180
110	28-Aug-14	Corporate Forum		Mr. Mandeep Kohli , Regional Product Manager	
111	28-Aug-14	Corporate Forum		Ms. Malini Prasad , Zonal Head Marketing	
112	28-Aug-14	Guest Lecture	Latest Trends in Marketing	Mr. Alok Jaipaty, Founder Director, Sanglok Electronics (P) Ltd.(SEPL)	150
113	28-Aug-14	Alumni Forum	Experience Sharing & Industry Expectations from Young Budding Managers	Mr. Nishant Solanki, Sr. Consultant, Accenture	126
114	28-Aug-14	Alumni Forum		Ms. Neha Kapoor, Asst. Manager-HR, Beaurio Veritas	
115	28-Aug-14	Alumni Forum		Mr. Nitin Malik, Territory Manager Sales, Wiley Publishers Pvt Ltd	
116	28-Aug-14	Alumni Forum		Mr. Rohit Madan, Business Analyst, Makino Auto Industries Ltd	
117	28-Aug-14	HR Corporate Forum	Creating a High Performance Work System/Contemporary HR Practices	Mr. Sunil Antony, DGM-HR, Jubilant Life Sciences Ltd	130
118	28-Aug-14	HR Corporate Forum		Mr. M.L. Bajaj, Head-HR, Swiftline Cargo & Express Logistics Pvt Ltd	
119	28-Aug-14	HR Corporate Forum		Mr. Dharam Arora, Director, The Source	
120	28-Aug-14	HR Corporate Forum		Mr. Gunjan Tiwari, DGM-HR, JK Paper Ltd	
121	4-Sep-14	Corporate Forum	Product Vs Service Marketing	Mr. Udit Sharma, Vice President, Product Strategy and Alliances,, Oxygen Services India Pvt Ltd	167
122	4-Sep-14	Corporate Forum		Ms. Mamta Pall, Director of Sales and Marketing, Rotana Hotel Management Corporation PJSC	
123	8-Sep-14	Guest Lecture	Session for Cracking Interviews for MBA	Mr. Vikas Chaudhary , Sr. Manager (Branding, India Today Group	460

124	11-Sep-14	Alumni Forum	Industry Expectations from the Young Managers”	Mr. Amardeep Singh Dhingra, Head Marketing, Vantage Integrated Security Solutions Ltd	128
125	11-Sep-14	Corporate Forum	ICICI Securities (JCP Session)	Mr. Ravinder Kaul, Regional Manager -HR, ICICI Securities	188
126	11-Sep-14	Corporate Forum		Mr. Gaurav Kumar, Sr. Manager Knowledge Management, ICICI Securities	
127	18-Sep-14	Deloitte Forum	Careers In US Taxation	Mr. Atu Arora, Sr. Manager, Deloitte	150
128	18-Sep-14	Deloitte Forum		Ms. Anjali Sinha , HR Lead	
129	18-Sep-14	Deloitte Forum		Ms. Sukanya Pattnaik	
130	18-Sep-14	Deloitte Forum		Ms. Gauri Srivastava	
131	18-Sep-14	Deloitte Forum		Mr. Yaha Myhammad, Manager	
132	9-Jul-15	CEO & Alumni Forum	Corporate Mantras	Mr. Pavan Khurana, CEO, Quantam Ltd.	128
133	9-Jul-15	CEO & Alumni Forum		Mr. Ashok Kumar Mishra, EVP&COO, Innodata Inc	
134	9-Jul-15	CEO & Alumni Forum		Mr. Alok Brara, CEO, Indian Infrastructure & Publishing Pvt. Ltd.	
135	9-Jul-15	CEO & Alumni Forum		Mr. Anurag Pathak, Sr. VP, HDFC Bank	
136	9-Jul-15	CEO & Alumni Forum		Mr. Anshul Garg, MD, Mohan Electro-Casting P Ltd.	
137	9-Jul-15	CEO & Alumni Forum		Mr Amit Shukla, Manager, Accenture Strategy	
138	14-Jul-15	CEO & Alumni Forum	Corporate Mantras	Mr. Maninder Singh, Chief Information Security , Birla Soft	280
139	14-Jul-15	CEO & Alumni Forum		Mr. Vidur Gupta, Director, Spectrum Talent Management	
140	14-Jul-15	CEO & Alumni Forum		Ms. Rasika Mathur , Director - Corporate Communication, Jasper Infotech P Ltd.	
141	14-Jul-15	CEO & Alumni Forum		Mr. Binod Chaturvedi, Head - Sales, Wipro	

142	30-Jul-15	CEO 's Forum	Experience Sharing "My Success Mantras"	Mr. Ravi Wadhwa, CEO, Jobick MNR Solutions Pvt Ltd	250
143	30-Jul-15	CEO 's Forum		Mr. Tushar Bhatia, President, Saigun Technologies Pvt Ltd	
144	30-Jul-15	CEO 's Forum		Mr. Parikshit Dhingra, Head, Public Affairs & Communications, Novozymes South Asia Pvt Ltd.	
145	6-Aug-15	CEO 's Forum	Corporate World	Dr. D.R. Dogra, MD and CEO, Care Ratings	200
146	6-Aug-15	CEO 's Forum		Mr. Luv Goyal, Partner, Deloitte Haskins	
147	6-Aug-15	CEO 's Forum		Mr. Samik Dasgupta, Managing Director, IFCI Infrastructure Development Ltd.	
148	13-Aug-15	CEO 's Forum	Corporate World	Mr. Raj Kumar Gupta,, CEO, UEM Group	430
149	13-Aug-15	CEO 's Forum		Mr. Dushyant Mehta, CEO, Mahatta Communications Pvt. Ltd	
150	13-Aug-15	CEO 's Forum		Mr. Aayush Munjal, President, Majestic Auto Ltd.	
151	18-Aug-15	Alumni Forum	How to reach the Ladder of Success in the Corporate World"	Ms. Amisha Sethi , CMO Global & APAC CEO, Zafin Ltd	480
152	19-Aug-15	Alumni Forum	Industry Expectations from young Managers"	Mr. Mrinal Chopra, Sr. Manager- Marketing , Religare Wellness	480
153	19-Aug-15	Alumni Forum		Mr. Pranjal Srivastava , Sr. Program Manager, Adobe Systems	
154	20-Aug-15	CEO Forum	Workshop On Excellence In Industry Interaction And PlacemenT	Mr. Amit Chhabra , CEO, Anglian Flamingo	200
155	20-Aug-15	CEO Forum		Mr. Yashpal Sahnna, CEO, Jakson& Company	
156	20-Aug-15	CEO Forum		Mohd. Khalid , CEO, Pure Talent Services Pvt. Limited	
157	20-Aug-15	CEO Forum		Mr. Gaurava Yadav , Founder & CEO , EduAce Services	
158	20-Aug-	CEO Forum		Mr. Gaurav Gupta , CEO,	

	15			Hello Travel.com	
159	20-Aug-15	CEO Forum		Mr. Sanjeev Govil, COO, Idea Cellular Limited	
160	20-Aug-15	HR Forum		Dr. (Colonel) Surendra Patnaik , Location Head Noida & Chandigarh, Technical Learning Services , Tech Mahindra Ltd	
161	20-Aug-15	HR Forum		Mr. Chetan Sethi, IBU Head, Tech Mahindra Ltd	
162	20-Aug-15	HR Forum		Mr. Anupam Roop Rai , Head Talent Acquisition & HR Service, Orient Electric	210
163	20-Aug-15	HR Forum		Mr. Debasis Satapathy , Global HR Head , Radikal Foods Limited	
164	20-Aug-15	HR Forum		Ms. Priyanka Kalia, Head-HR, TecturaInfotech Pvt. Ltd.	
165	20-Aug-15	HR Forum		Ms. Manasi Das, Head Corporate HR , Vikas Group	
166	26-Aug-15	Deloitte Pre-Placement Talk		Michael Gaines, Director, U.S. India Tax	
167	26-Aug-15	Deloitte Pre-Placement Talk		Divya VaniMallam, , Manager, Deloitte U.S. India Tax	
168	26-Aug-15	Deloitte Pre-Placement Talk		Sukanya Pattnaik, Manager, Talent Acquisition	145
169	26-Aug-15	Deloitte Pre-Placement Talk		Arvind Nagarajan, Assistant Manager, Talent Acquisition	
170	26-Aug-15	Deloitte Pre-Placement Talk		Sanjeev Gupta, Tax Consultant II	
171	26-Aug-15	Deloitte Pre-Placement Talk		Laxmi Anand , Lead Talent Acquisition	
172	3-Sep-15	CEO Forum		Rajesh Sikka, Managing Director, Metaflex Door India Pvt Ltd	
173	3-Sep-15	CEO Forum		Vinod Sharma, Managing Director, Deki Electronics Ltd	180
174	3-Sep-15	CEO Forum		Sahil Kapoor, Executive Director, Remax India	
175	17-Sep-	Marketing &	Sales & Retail	Reena Sairesh, Alliance	207

	15	Retail Forum	are the 2 sides of the same coin (Marketing)	Head-Education Lanes, Tech Mahindra Ltd.	
176	17-Sep-15	Marketing & Retail Forum		Kartik Mehrotra, Associate VP- Marketing ,Knolskape.	
177	17-Sep-15	Marketing & Retail Forum		Aman Garg, Director, Greymeter Services P Ltd.	
178	23-Sep-15	HR Forum		Anil Gaur, VP-HR, Jubliant Life Sciences Ltd.	
179	23-Sep-15	HR Forum	Employee Relations and Strategic HR	Vinay Kaushaik, Sr. GM-HR, Samsung Engg.	
180	23-Sep-15	HR Forum		Nirjhar Nagar, Head-Talent & Acquisition, Asahi Glass Ltd. Asahi Glass Ltd	80
181	19-Oct-15	ICICI Stockmind Session	An initiative of ICICIdirectCentre for Financial Learning	Mr. Deepak k Jindal / Ms. Malini Prasad	200
182	15-Jan-16	HR Forum	Expectations of services Industryfrom HR Professionals changing scenario	Mr. Shashank Jagirdar / Mr. Samit K Jha / Mr. Sanjay Dhyani, DHL India	126
183	26-Feb-16	Corporate Forum	Passport to Worlds best marketing idea	Mr. Aditya Bhat, CEO, Reliance Jio	200
184	4-Mar-16	Corporate Forum	One Minute Interface - Impressions of a Lifetime	1) Mr. Mohit Hajela, Founder-Executive Director, Livewires Integrated Management Consulting 2) Mr. Nisheeth Saran, CEO, Asia-Pragati and Lead Consultant, Livewires 3) Ms. Shuchita Gupta, FCA, Director YRG and Lead Consultant, Livewires 4) Mr. Rohit Talwar, Program Director, Gandhi Fellowship Program	111

Annexure – 2 (A)

#	Name of Faculty member	Design.	Date of Joining	Details of Extension Activity done by faculty member			Role of Faculty member
				Date of Project / Activity	Location	Total number of hours volunteered	
1	Ms. Swarna Bakshi	Assistant Professor		27/01/2013	F2 Auditorium Amity University, Noida		Activity Coordinator
				28/01/2013	All across ABS Campus, Amity University, Noida		
2	Ms. Swarna Bakshi	Assistant Professor		30/01/2013	all across ABS campus, Amity University, Noida		Activity Coordinator
3				3/2/2013	In all classes, ABS, Amity University, Noida		
4	Ms. Swarna Bakshi	Assistant Professor		11/2/2013	F3 IV floor, Amity University, Noida		Activity Coordinator
5				13/02/2013	F3 205, Amity University, Noida		
6	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004	3/2/2014	F-2 CR2, Amity University, Noida		Activity Coordinator
7			24 /12/ 2004	13/02/2014	CR 205, Amity University, Noida		
8	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004	25/02/2014	front of washrooms, Amity University, Noida		Activity Coordinator
9	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004	26/03/2014	visit to an NGO named “shreejeegaushala” that works for caring of cows, Delhi		Activity Coordinator
10			24 /12/ 2004	7/3/2014	Amity Gates, Amity University, Noida		
11	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004	2/3/2014	visit to an NGO named “UMEED” that works for the development of the slump kids, Delhi		Activity Coordinator

12			24 /12/ 2004	9/3/2014	Fulfilling simple wishes of under privileged children		
13	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004		Old age home in Noida		Activity Coordinator
14			24 /12/ 2004	11/3/2014	E2 Block, Amity University, Noida		
15	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004	12/3/2014	F3 and F1 block, Amity University, Noida		Activity Coordinator
16			24 /12/ 2004	19/03/2014	Welfare Home for Children located in Sarita vihar, Delhi		
17	Dr. Jaya Yadav	Associate Professor	24 /12/ 2004	4/3/2014	F2 block CR 2, Amity University, Noida		Activity Coordinator
18			24 /12/ 2004	4/3/2014	In front of F2 block CR 2, Amity University, Noida		
19	Dr. Garima Malik	Assistant Professor	05/03/2007	7/3/2014	Infotainment		Activity Coordinator
20			05/03/2007	7/3/2014	F3 104, Amity University, Noida		
21	Dr. Garima Malik	Assistant Professor	05/03/2007	15/03/2014	Mother Teresa Orphanage, Delhi		Activity Coordinator
22			05/03/2007	19/03/2014	Welfare Home for Children		
23	Dr. Garima Malik	Assistant Professor	05/03/2007	28/03/2014	Udayan Ghar, Sec 52, Noida		Activity Coordinator
24			05/03/2007	27/03/2014	F3 and F1 block, Amity University, Noida		
25	Dr. Garima Malik	Assistant Professor	05/03/2007	6/3/2015	Sec 126, Noida		Activity Coordinator
26	Dr. Garima Malik	Assistant Professor	05/03/2007	14/03/2015	F2 Auditorium, Amity University, Noida		Activity Coordinator

Annexure – 2(B)

S.no	Name of Student	Enroll. No.	Prog. Name	Details of Extension Activity done by Student		
				Date of Project / Activity	Location	Total number of hours volunteered
1	Abhitnjay		MBA(M& S)	Club activity, conducted Case studycompetition	F3-SEMINAR HALL, AMITY UNIVERSITY, NOIDA	12
2	Bhupinder Sahu		MBA	Club activity, conducted Case study competition	F3-SEMINAR HALL, AMITY UNIVERSITY, NOIDA	12
3	MOHIT		MBA	Club activity, conducted Case studycompetition	F3-SEMINAR HALL, AMITY UNIVERSITY, NOIDA	12
4	Owasis		MBA(M& S)	Club activity, conducted Case studycompetition	MDP ROOM, AMITY UNIVERSITY, NOIDA	12
5	Sonali Singh and Daxikabhandari	A0102315005	MBA HR	Quizzard 27 Aug 2015	F2 203, Seminar Hall, AMITY UNIVERSITY, NOIDA	12
6				,Psychic Throne 28 Jan 2016 , Best Manager 2016		
7	Rahul Agarwal		MBA	VideshiBiznis	F2 203, AMITY UNIVERSITY, NOIDA	25
		A0101914022		VideshiBiznis	F2 203, AMITY UNIVERSITY, NOIDA	25

8	Rahul Agarwal		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
9	PRERNA CHAWLA		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
10	K.O.Balaji		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
11	Sunny Goyal		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
12	AkshatGambhir		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
13	Nandini Khanna		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
14	Chavvikoh li		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
15	Dikshajun eja		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
16	Arjun Choudhary		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
17	Sparsh Bhalla		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
18	Shalini Bedi		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
19	Tumul Bansal		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25

20	Arush Verma		MBA	VideshiBizni s	F2 203, AMITY UNIVERSI TY, NOIDA	25
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Annexure - 3

Scholarship of Teaching

S. No.	Faculty Name	Publis hed case studies with Instruc tional materi al	Unpub lished case studies with Instruc tional materi al	Presen tation of scholar ly work related to Teach ing in Confer ences / Semin ars	Public ation of schola rly work relate d to Teach ing in Journ als	Curricu lum Review ed Revisio n	New Teach ing Mate rial devel oped	New Teach ing Learn ing Assess ment Tools Devel oped	New Teach ing Pedag ogy Devel oped	Evalu ation of Teach ing Materi als	Devel oping Audio Video Materi al for Teach ing	Any othe r, Spe cify
1	Amanpre et Kang	1	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil
2	Anita Venaik	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3	Anjani kumar	Nil	Nil	Nil	Nil	2(PRC)	Nil	nil	Nil	Nil	Nil	Nil
4	Anupama R	3	Nil	Nil	Nil	2 (BOS,P RC)	Nil	Nil	Nil	Nil	5	Nil
5	Aparna Goyal	Nil	Nil	Nil	Nil	2 (BOS)	Nil	Nil	Nil	Nil	Nil	Nil
6	Bandana Chadha	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
7	Chandran shu Sinha	Nil	Nil	Nil	Nil	2 (PRC)	Nil	2 (Rubric)	Nil	Nil	Nil	Nil
8	Hargovin d Kakkar	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	2	Nil
9	Himani Sharma	Nil	Nil	Nil	Nil	2 (BOS,P RC)	Nil	Nil	Nil	Nil	Nil	Nil
10	J.K. Sharma	Nil	Nil	Nil	Nil	Nil	13	Nil	Nil	Nil	Nil	Nil
11	Jaideep Kaur	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	4
12	Jaya Yadav	Nil	Nil	Nil	Nil	32	Nil	Nil	Nil	Nil	Nil	Nil
13	Kalyan Kumar De	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	Nil
14	Parikshit Joshi	2	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
15	Pooja	Nil	Nil	Nil	Nil	4	Nil	Nil	Nil	Nil	Nil	Nil

	Sehgal Tabeck											
16	R. Sujatha	Nil	2	Nil	Nil	12	5	4	3	Nil	Nil	Nil
17	Ramesh Kumar Bagla	Nil	Nil	Nil	Nil	1	20	6	Nil	Nil	Nil	Nil
18	Ritesh Dwivedi	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	Nil
19	Sanjeev Bansal	7	Nil	Nil	Nil	Nil	11	12	Nil	Nil	2	Nil
20	Smrita Sinha	3 ECCH	Nil	Nil	Nil	Nil	3	Nil	Nil	Nil	Nil	Nil
21	Sumeet Singh Jasial	Nil	Nil	Nil	Nil	2	Nil	Nil	Nil	Nil	Nil	Nil
22	Sunetra Saha	Nil	Nil	Nil	Nil	2	Nil	Nil	Nil	Nil	Nil	Nil
23	Teena Bagga	2	Nil	Nil	Nil	2(PRC)	Nil	7 (Rubric)	Nil	Nil	Nil	Nil
24	Varsha Khattri	2	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1	Nil
25	Vinamra Jain	Nil	Nil	Nil	Nil	2	Nil	Nil	Nil	Nil	Nil	Nil

Scholarship of Integration

S. No.	Faculty Name	Date of Joining	Publication of scholarly articles / / manuscripts / books and othr work related to integration in Conferences / Seminars	Presentation of scholarly work related to Integration in Conferences / Seminars / Workshops	Training Programme conducted for Industry / other organization	Any other, Specify
1	Anshu Yadav	2/8/2011	Nil	Nil	1	Nil
2	Anupama R	10/9/2004	Nil	Nil	3	Nil
3	Ritesh Dwivedi	1/12/2009	Nil	Nil	1, MDP for Farmers Assoc.	Nil
4	Sanjeev Bansal	6/5/2006	Nil	Nil	12	20
	TOTAL		Nil	Nil	17	20

Scholarship of Application

S. No.	Faculty Name	Publication of scholarly articles / manuscripts / books and other work related to Application in Conferences / Seminars	Unpublished scholarly articles / manuscripts / books and other work related to Application in Conferences / Seminars	Presentation of scholarly work related to Application in Conferences / Seminar / Workshops	Contract Research conducted for other organization market research conducted for other organization of other Institution	Programme Evaluation
1	Harminder Kaur Gujral	Nil	Nil	Nil	Nil	1
2	Jaya Yadav	Nil	Nil	Nil	Nil	1
3	Kalyan Kumar De	Nil	Nil	Nil	Nil	1
4	T. V. Raman	Nil	Nil	Nil	Nil	4

Professional Activities

S. No.	Faculty Name	Membership of Professional Bodies	Attending meeting of Professional Bodies	Attending lectures / talks etc organized by Professional Bodies
1	Amanpreet Kang	DMA	Nil	Nil
2	Anupama R	Nil	Nil	3
3	Aparna Goyal	AIMA & All India Association For Education Research	Nil	Nil
4	Ashok Sharma	ISDS(International society for Development and Sustainability)	Nil	Nil
5	J.K. Sharma	OR Society of India	Nil	Nil
6	Lakshmin Kaur Dhillon	Nil	Nil	1; ASSOCHAM Bankers-Borrowers Business Meet;1/3/2015
7	Pooja Sehgal Tabek	Nil	Nil	1-Delhi Retail Summit; 28/8/2014
8	Puja Sareen	Nil	Nil	1- CII-LAC conclave, Oct 2015; 1-May 2015 National Hrd network talk, May 2015

9	Ritesh Dwivedi	Nil	Nil	1-NHRDN CSR SUMMIT; 1-2 aug 2014, 2-WASME-7/9/2013 & 23/02/2013
10	Rosy Kalra	Nil	Nil	2
11	Sanjeev Bansal	EISCA,IMS,IPSO,WASME,RMA,Phd Chamber of Commerce,CII Noida Chapter,AIMA,AIMS,Retail Association of India,	Nil	Nil
12	Shikha Mishra	Nil	Nil	1- SHRM, 24/9/2015; 1-May 2015 National Hrd network talk, May 2015
13	T. V. Raman	Rajasthan Economic Association	Nil	Nil
14	Vinamra Jain	International Society for Development and Sustainability (M140050)	Nil	Nil

Evaluative Report (Amity College of Commerce & Finance)

1. Name of the Institution

Response

The name of the Institution is Amity College of Commerce & Finance (ACCF)

2. Year of establishment

Response

The Institution was established in the year 2006

3. Is the Institution / Department is part of a School/Faculty of the university?

Response

Yes, ACCF is a part of Faculty of Management Studies (FMS) of the university.

4. Names of programmes offered

(UG, PG, Master of Philosophy., Doctor of Philosophy., Integrated Masters; Integrated Doctor of Philosophy., D.Sc., D.Litt., etc.)

Response

The names of programmes offered by ACCF are:

(a) Under Graduate (UG)

- (i) Bachelor of Commerce (Hons.)
- (ii) Bachelor of Commerce (Hons.) - Evening
- (iii) Bachelor of Commerce (Finance & Investment Analysis)
- (iv) Bachelor of Commerce (Finance & Accounts)

(b) Post Graduate (PG)

- (i) Master of Commerce
- (ii) Master of Commerce (Financial Management)

(c) Master of Philosophy (Master of Philosophy.)

Master of Philosophy. (Commerce & Finance)

(d) Doctor of Philosophy (Doctor of Philosophy.)

- (i) Doctor of Philosophy. (Commerce – Full Time/Part Time)
- (ii) Doctor of Philosophy. (Finance – Full Time/Part Time)

5. Interdisciplinary programmes and departments involved : NIL

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Response

The following courses are offered in collaborations with professional bodies :

(a) CIMA (Chartered Institute of Management Accountants) UK

- (i) Management Accounting
- (ii) Fundamentals of Business Mathematics
- (iii) Fundamentals of Business Economics
- (iv) Fundamentals of Financial Accounting
- (v) Ethics & Business

Experts from CIMA take sessions for above approved courses which will enhance placement prospects of the students.

(b) KPMG (Klynveld Peat Marwick Goerdeler)

- (i) Corporate & Business Law
- (ii) Performance Management
- (iii) Financial Accounting
- (iv) Financial Reporting
- (v) Taxation
- (vi) Management Accounting

Specialization in Finance and Accounts at graduation level provides students a base for pursuing Association of Chartered Certified Accountants (ACCA) degree from UK along with preparing graduates for a wide range of careers in the business world.

The students opting for this course will not have to study these subjects again when they want to clear ACCA (UK), equivalent to CA in India.

(c) BSI (British Standards Institution)

- (i) Quality Management System
- (ii) Risk Management
- (iii) Six Sigma Green Belt

7. Details of programmes discontinued, if any, with reasons

Response

None of the programmes have been discontinued. However, the nomenclature of the following programs have been changed as indicated below:

1. Bachelor of Financial & Investment Analysis (BFIA) was renamed as Bachelor of Commerce (Financial & Investment Analysis) Bachelor of Commerce (F&IA) *as per UGC Gazette Notification No. 27 dated July 5-11, 2014 in 2015*

Master of Financial Management was renamed as Master of Commerce (Financial Management) *as per UGC Gazette Notification No. 27 dated July 5-11, 2014 in 2015*

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Response

ACCF follows Semester System & Choice Based Credit System.

9. **Participation of the department in the courses offered by other departments / institutions**

Response

Faculty at Amity College of Commerce & Finance regularly deliver Directorate General Resettlement (DGR) Courses and also take sessions in other departments in the field of Accounting & Finance. Amity University offers Choice Based Credit System (CBCS), students are encouraged to choose courses under Open/Domain/Outdoor Activity Based Course etc., which are offered by other department / institution of Amity University, Noida.

The details where students have attended the courses in other departments are as indicated above as per *courses opted under open/domain electives offered by other institutes are given below:*

UG Courses

Open Elective	Domain Elective	Outdoor Based Activity
Innovative Surface Designing For Textiles Offered By ASFT Introduction To Embroideries Offered By ASFT Anim101 - Character Design For Animation Offered By ASFA Bsi103 - Risk Management - Bsi Offered By AUBSI Six Sigma Green Belt Offered By AUBSI	Fundamentals of Competitive Intelligence Offered By AICISM Skills for Success Offered By AICISM Fundamentals of Entrepreneurship Offered By ABS International Trade Institutions Offered By AIBS	Entrepreneurship General Awareness Camp, MTC, Human Value Community Outreach, Basic Skills of Cricket Basic Skills of Athletics Basic Skills of Badminton Basic Skills of Hockey Basic Skills of Yoga
Animation Drawing Offered By ASFA Lean Management Offered By AUBSI Object Drawing Offered By ASFA Textiles for Beginners Offered By ASFT Principles of Economics Offered By ASE Bakery Offered By ASH E-commerce and ERP Offered By ASET Basics of Anchoring for Radio and TV Offered By ASCO Textiles for Beginners Offered By ASFT	Fundamentals of Training and Development Offered By AIBS Banking and Financial Institutions Offered By AIBS Fundamentals of Project Management Offered By ASB Fundamentals of Family Business Management Offered By ASB Infrastructural Finance Offered By ASB Export Import Documentation and Logistics Offered By AIBS Value and Ethics in International Business Offered By AIBS	Entrepreneurship General Awareness Camp, MTC, Sports Activities, Human Value Community Outreach

PG Courses

Open Elective	Domain Elective	Outdoor Based Activity
Energy Management Systems Offered By AUBSI Risk Management - BSI Offered By AUBSI Multimedia Applications Offered By ASET ICT and Sustainable Development Offered By ASET Anchoring and Presentation for Radio and TV Offered By ASCO Basics of Photography Offered By ASCO	Enterprise Management Offered By AIBS Managing Innovation Process Offered By AIBS Compensation and Reward Management Offered By ASB Managing Innovation Process Offered By AIBS Economics of Global Competitiveness Offered By AIBS E - Business and Trade Offered By AIBS International Human Resource Management Offered By AIBS International Trade Risk Management Offered By AIBS Pricing Strategies Offered By AIBS Organization Change and Development Offered By ABS	Entrepreneurship Awareness Camp Military Training Camp(PG)
	E - Business and Trade Offered By AIBS International Human Resource Management Offered By AIBS Fundamentals of Competitive Intelligence and Applications Offered By AICISM E - Business and Trade Offered By AIBS International Human Resource Management Offered By AIBS	Military Training Camp(PG)

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others) Please provide data in one consolidated list as required by NAAC, in the format given below**

Response

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	4	1	1
Associate Professors	9	5	5
Asst. Professors	30	21	21
Others			
Faculty Deputed from other department /institutions	25	25	25

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response

Amity College of Commerce & Finance has a diverse mix of faculty from corporate & academia to impart knowledge to the student in order to equip them with the necessary employability skills. The faculty members are well qualified, experienced, having expertise in their specialised areas. The details are as follows:

Name	Qualification	Designation	Specialization	No. Of Years of Experience		PhD / Mphil students guided (4 years)
				Industry	Academic	
Dr. Sujata Khandai	PhD in Management	Dy. Dean (Academics) & Officiating Director -ACCF	Consumer Behaviour, Marketing Strategies, Branding	6 years	19 years	4
Dr. Bhawna Agarwal	PhD in Statistics	Associate Professor	Statistics		14 years	Nil
Dr. Sanjay Rastogi	PhD, NET	Associate Professor	Finance & Accounting	Nil	13 years	3
Dr. Adarsh Arora	Master of Commerce, PGDCA, PhD	Associate Professor	Accounting , Taxation		11 years	1
Dr. Seshanwita Das	PhD in Commerce, M.Phil	Associate Professor	Quantitative Techniques		15 years	Nil

	M.Com, M.Sc (Economics),U GC NET (Economics)		& Economics			
Dr. Seema Gupta	PhD,	Associat e Professor	Finance & Accounting	3 years	15	3
Dr. Harsh Kumar	PhD in Management, MBA Finance, BA(Hon.) Economics, Life Time membership with UP-UK Economic Association	AP- III	Manageme nt & Finance	10.5 years	8.5 years	Nil
Ms. Divya Pathak	MBA in Tourism, Pursuing PhD	AP- III	Digital Marketing & Operations Manageme nt	8 years	9 years	Nil
Ms. Puneeta Goel	Master of Commerce, UGC Net & Pursuing PhD.	AP- III	Accounting & Business Ethics		18 years	NIL
Dr. Shobhit Wadhwa	PhD, NET	AP-III	Finance & Accounting	Nil	9.5	Nil
Dr. Geeta Mishra	Master of Commerce, MBA, UGC NET, PhD, Advance certificate course in Gender studies	AP- III	OB & HR		10 years	Nil
Ms. Bhawna Sharma	Pursuing PhD. Marketing, MBA Biotechnology	AP- II	Marketing	7 years	6 years	Nil
Dr. Ila Chaturvedi	PhD in Economics, M.A(Economics), Pursuing MBA (Marketing)	AP- II	Economics		12 years	1
Dr. Joity Tomar	M.A (Economics), DTEM, PhD	AP- II	Economics & Finance		2.5year s	Nil

	(Economics), UGC NET					
Ms. Preeti Garg	MBA (Finance), Pursuing PhD	AP- II	Managem ent & Finance	6 years	13 years	Nil
Dr. Renuka Bakshi	PhD in Management, MBA Finance, Master of Commerce, B.Ed, Computer Diploma	AP- II	Finance		12 years	Nil
Ms. Rupali Misra	BBM, MBM, UGC-NET, M Phil,Pursuing PhD	AP- II	Finance	8 years	6 years	Nil
Dr. Nidhi Bhatt	PhD Finance, Master of Commerce, Bachelor of Commerce	AP	Finance		1 year	Nil
Mr. Atul Kumar	MBA, Pursuing Doctor of Philosophy.	AP- II	Finance		13 years	Nil
Dr. Vinod Kumar	Doctor of Philosophy Marketing, MBA Marketing, B.Sc. (Bio Science)	AP- II	Marketing	7 years	9 years	Nil
Dr. Priya Jhamb	Master of Commerce, PGDBA, UGC NET, JRF, PhD in marketing	AP- II	Marketing		10 Years	Nil
Ms Neha Puri	MCom, MPhil (Commerce), UGC NET Pursuing PhD	AP- II	Accounting and Finance		6 years	Nil
Ms. Shubhangi Singh	MBA Finance, Bachelor of Commerce	AP- II	Banking & Finance	7.5 years	2.5 years	Nil
Dr. Swaricha	PhD	AP	Finance & Accounting	Nil	3	Nil

Dr. Anindita Bhattacharjee	PhD (Maths), SLET,	AP-II	Maths	Nil	16	Nil
Dr. Sweta Goel	PhD, NET	AP-I	Finance & Accounting	1.5 year	7	Nil
Dr. Prakash Bhatia	PhD Commerce, NET, RajSET, M.Phil, M.Com	AP-I	Accounting & Taxation	Nil	3.5	Nil
Mr. Amit Chaudhary	MA	AP-I	French		5	Nil
Mr. Madhur Sharma	MA	API	French		8	Nil
Mr. Pawandeep Singh	DFLF B2 (French)	AP-I	French		12	Nil
Mr. Shiv Kumar	MA	AP	French		4	Nil
Ms. Neha Sharma	MA	AP-I	Spanish		5	Nil
Ms. Vinita Soni	MA	AP-I	English		10	Nil
Ms. Huang Tzu Yuin	MA	AP-I	Chinese		3	Nil
Ms. Ranjana Soni	MA	AP-I	German		6	Nil
Ms. Ulka Tiwari	MA	AP	English		8	Nil
Dr. Sweta Awasthi	PhD	AP-II	HR	7	7	Nil
Ms. Vandana Gupta	M.Phil	AP-II	Marketing	1	13	Nil
Dr. Varsha Khattri	MAPRM	Assistant Professor (Grade II)	Marketing & Sales	Nil	12	Nil
Dr. Deboshree	PhD	Asst Professor	Communication Skills	Nil	10	Nil
Dr. Manisha Sinha	PhD	Asst Professor	Communication Skills	Nil	8	Nil
Ms. Gauri Mahalwar	MA	Asst. Professor	English	Nil	5	Nil
Ms Yajnaseni Mukherjee	MA	Asst. Professor	English	Nil	10	Nil
Ms. Sweta Sharma	MA	Asst. Professor	English	Nil	10	Nil

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

While ACCF has adequate number of full time scholarly faculty, role and importance of visiting and guest faculty cannot be undermined. In order to bring in the latest & best professional inputs for students of ACCF. Visiting faculty from academia & professional of various discipline from industrial and business organisations are required to supplement course delivery.

S No	Senior Visiting Fellow	
	Name	Designation
1	Mr. Ashok Kaka	Business Development Advisor and Faculty Modi Academic International Institute – Stratford University
2	Dr. Narendra Nath Sengupta	Assistant Director Institute of Chartered Accountants of India
3	Dr. J. L. Gupta	Former Associate Professor Atma Ram Sanatan Dharam College, University of Delhi
4	Mr. Rakesh Roshan Gupta	Consultant Applied Research International

. In addition, Industry experts and eminent faculty are also invited to add further value.

13. Percentage of classes taken by temporary faculty – programme-wise information

Response

Since we follow Choice Based Credit System and also offer value added courses like Behavioural Sciences, Foreign Language and Communication Skills, it is imperative that we call faculty from other departments within the university and sometimes from outside the university as well. Temporary faculty from outside the university are required to be called for some subjects where practical knowledge is to be provided in order to make the students well equipped to get insight into the industry requirement and to face the challenges posed in their working life in future.

S.No.	Program	Percentage
1	Bachelor of Commerce (Hons)	18.77
2	Bachelor of Financial & Investment Analysis	15.23
3	Bachelor of Commerce (Financial & Investment Analysis) [Renamed in 2015 from Bachelor of Financial & Investment Analysis]	9.40
4	Master of Commerce (Financial Management) [Renamed in 2015 from Master of Financial Management]	1.80
5	Master of Financial Management	14.53
6	Master of Commerce	6.6

14. Programme-wise Student Teacher Ratio

Response: The Programme-wise Student Teacher Ratio is given below:

#	Programme Name	Student Teacher Ratio
1	Doctor of Philosophy (Finance)	2:1
2	Doctor of Philosophy (Commerce)	2:1
3	Master of Philosophy	1:1
4	Master of Commerce	9:1
5	Master of Financial Management	1:1
6	Master of Commerce.(Financial Management)	1:1
7	Bachelor of Commerce (H)	30:1
8	Bachelor of Commerce (Financial & Investment Analysis)	3:1
9	Bachelor of Financial & Investment Analysis (BFIA)	3:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response: The information regarding number of academic support staff and administrative staff is given below:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	3	2	2
administrative staff	3	2	2

16. Research thrust areas as recognized by major funding agencies

Response

On a regular basis, faculty is updated about the research opportunities available. Faculty try to convert them to useful work in the form of research papers, case studies, workshops etc. Further motivating the faculty to explore new avenues where these opportunities in their respective areas may be utilised. Following are the major research areas where our faculty demonstrates capability

- Insurance and Banking, Economics and World Trade, Humanities and Social Sciences.
- Economics; International Studies; Commerce & Management; Education; Law/International Law; Other Applied Social Science disciplines.
- Management(Themes of National/Social Significance)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response

NIL, However, faculty is motivated to apply for funded projects, both national & international.

18. Inter-institutional collaborative projects and associated grants received

Response

Faculty regularly deliver lectures in collaboration with PAN African E network projects department and with Amity Directorate of Distance and Online Education department (ADDOE).

International collaboration

E-Learning(PAN AFRICAN PROJECT)	
Year	Courses Taught
2012-13	Legal Aspect of Business
2013-14	1.Managerial Economics, 2.Accounting for managers, 3.Quantitative Applications in Management
2014-15	1.Financial services2. Cost Accounting 3. Operations Research 4 Financial Management 5 Corporate Tax Planning 6 Quantitative Applications in Management 7 Financial Accounting 8 Management of Financial Services
2015-16	1.Mergers & Acquisitions 2. Mutual Fund Management 3. Accounting for managers in two programmes
ADDOE(Amity Directorate of Distance and online Education)	
Year	Subjects
2013-14	Corporate Tax Planning
2014-15	1.Organization Theory & Management 2. Mutual Fund Management 3.Financial Management, 4.Financial Accounting 4.Cost Accounting 5.Financial Services
2015-16	1.Financial Reporting 2.Retail Accounting & Finance 3. Income Tax

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : NIL

20. Research facility / centre with :

Response;

At present Institution is not having research facility/centre with any institution/agency or industry.

21. Special research laboratories sponsored by / created by industry or corporate bodies :

Response

ADMAA is encouraging faculty members for conducting research in various disciplines. We also have digital library with online journals which can be accessed through our intranet. We also facilitate students with an online digital library with subscription to various management/commerce/finance journals.

22. Publications:

Response

Faculty Members are constantly encouraged to engage in research work and publish papers in journals of National and International repute. A brief summary of the research publication by faculty members since 2012 is presented below:

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	115
Monographs	1
Chapters in Books	8
Edited Books	2
Books with ISBN with details of publishers	14
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	8
Citation Index – range / average	Average 2.76 / Range-(0-35)
SNIP (Source Normalized : Impact per Person)	.35
SJR (Scimago Journal Rank)	Average-0.028/Range-(0-0.18)
Impact Factor – range / average	Average-1.869/Range (0-5.976)
h-index	Average-0.428/Range-(0-4)

23. Details of patents and income generated –Nil

24. Areas of consultancy and income generated

Response

Faculty Members are associated with Amity Institute of Training & Development (AITD) for imparting training; however none of the faculty members have done any independent consultancy.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

26. Faculty Serving in

Response

Faculty Members are encouraged to be a part of their professional network outside Amity and the details of their participation in various committees in the role of Editorial Board members and Reviewers outside Amity is summarised below.

Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
International Committee	Dr. Sujata Khandai	Dy Dean(Academics) &Officiating Director-ACCF	Reviewer, Gestion (ISSN: 1900 – 9828), the refereed international journal of The Foundation Universitaria Tecnológico Comfenalco-Cartagena, Columbia	2012 onwards – Renewed every year
National (Editorial Boards)	Dr. Sujata Khandai	Dy Dean(Academics) &Officiating Director-ACCF	Editorial Board Member, International Journal of Marketing Studies Editorial Board Member, Journal of Contemporary Issues in Business Research	2012-2017 2011-2016
International committees	Dr. Geeta Mishra	Assistant Professor-Grade II	Reviewer, Asia Pacific Journal of Management, Research and Innovation, Sage Publication	2 Years (2015-2017)
International committees	Dr. Geeta Mishra	Assistant Professor-Grade II	Reviewer , International Journal of Business and Management Canadian Center of Science and Education	2 Years (2015-2017)
National Editorial Boards	Dr. Geeta Mishra	Assistant Professor-Grade II	Editorial Board Member, Journal of Business Theory and Practice, Los Angeles.	2 Years (2015-2017)
National Editorial Boards	Ms. Puneeta Goel	Assistant Professor-Grade III	Editorial Board Member, ABBS Management Business and Entrepreneurship Review	1 Year (2012-2013)
National Editorial Boards	Ms. Rupali Misra	Assistant Professor-Grade I	ABS International Journal of Management	1 Year (2012-13)
			ABS Management Research, Articles & Application	1 Year (2012-13)
			ABS International Journal of Management	(2013-14)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response

Faculty Members are encouraged to participate in orientation programs, refresher programs and other recharging programs to upgrade their knowledge, skills and teaching pedagogies from time to time . Also they are encouraged to organise workshops, seminars and conferences for exchange of academic ideas and inputs. The details of the same are furnished below:

#	Details	Organised	Attended
A	Refresher	-	1
b	Orientation programs	-	9
C	Workshops	-	11
d	Training programs	-	-
E	Similar programs (please specify):		
	Seminars	1 National Seminar 16-17, September, 2015	47
	Conferences	1 International Conference, 18-19 th , December, 2014	39
	FDP	-	26

The above mentioned programs facilitate exchange of academic input across institutions and enable upgradation of skills, knowledge and teaching pedagogy of faculty members. Faculty is also encouraged to develop contacts both in academia and industry for enrichment in research and academic collaboration.

28. Student projects :

Response

Students participate in various Non -Teaching Credit Course (NTCC) activities comprising of Term Paper, Summer Internship and Dissertation. They work under the guidance of faculty mentors and industry mentors in different disciplines like Human Resource Management, Financial Management, Accounting, Marketing, international business to gain practical insights during their projects and internships.

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	100%

29. Awards / recognitions received at the national and international level:

Response

The details of the awards received by the faculty their outstanding contribution to teaching and research is summarised below:

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1.	Dr. Bhawna Agarwal	Associate Professor	Excellence in Teaching by Confederation of Education Excellence	6. September, 2014	National
2.	Ms. Puneeta Goel	Asst. Professor-Grade III	Best Paper Award- A Study and Measurement of CSR in India with Special Reference to Bangalore City in National Conference on Emerging Trends in Business NCETB-2013 organised by Christ University, Bangalore.	29 January, .2013	National

Received by Doctoral / Post doctoral fellows: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response

ACCF has organised Seminar and Conference to facilitate exchange of academic inputs and deliberations on upcoming issues. The details of Seminars and Conferences organised are summarised below:

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Duration of Event		Location of Event	Source of funding National / International	Outstanding Participants
			From	To			
01.	Innovative Advances and Challenges in Management and Commerce	International Conference	18 th , Dec, 2014	19 th , Dec, 2014	Amity University, Noida	Kalyani Publishers New Delhi	NIL
2.	Recent Advances in Accounting Commerce and Taxation	National Seminar	Seminar 16 th Sept, 2015	17 th , Sept, 2015	Amity University, Noida	Institute of Chartered Accountant of India (ICAI)	NIL

31. Code of ethics for research followed by the departments

Response

Amity College of Commerce & Finance strictly adheres to the code of ethics when it comes to academic research. To ensure academic integrity & to avoid plagiarism, University has a plagiarism software service from Turnitin which is a leading academic plagiarism detector. The Head of the Institution ensures that no thesis is submitted by the scholar without plagiarism check. Also in case a scholar is found adopting or suspected of adopting unfair means or lifting other's work without his/her prior acknowledgement, strict penal action is taken by the University as may be necessary to uphold the sanctity and integrity of research work and examination system. The University also has regulations for Non -Teaching Credit Courses where students have to work on term-paper, projects and dissertations in accordance with the plagiarism policy. The NTCC work is not cleared unless checked for plagiarism by all faculty guides. ACCF strictly adheres to the University Norms when it comes to plagiarism checking and ensuring integrity in research.

32 Student profile programme-wise:

Response

The selection process is rigorous in the university. The students have to go through the comprehensive examination followed by personal interview. The data shown in the table below is about the candidates who took admission in that particular year and the students who graduated in that particular year.

Name of the Programme	Applications Received	Select		Pass percentage	
		Male	Female	Male	Female
(refer to question no. 4)					
Bachelor of Commerce (H) 2015-16	981	241	114	81.37	95.27
Bachelor of Commerce (H) 2014-15	841	145	80	80.55	93.45
Bachelor of Commerce (H) 2013-14	607	151	62	78.25	92.15
Bachelor of Commerce (H) 2012-13	352	68	50	76.23	94.12
Bachelor of Commerce (Eve) 2015-16	111	50	10	75.45	96.11
Bachelor of Commerce (Eve) 2014-15	84	32	6	70.12	92.33
Bachelor of Commerce (Eve) 2013-14	65	37	6	68.45	89.65
Bachelor of Commerce (Eve) 2012-13	28	11	1	95.55	100
BFIA 2014-15	82	20	9	95.65	98.2
BFIA 2013-14	83	23	11	94.25	97.47
BFIA 2012-13	74	7	15	94.23	98.52
Bachelor of Commerce (F&IA) 2015-16	80	No body was selected			

Bachelor of Commerce (F&A) 2015-16	30	11	5	90.24	90.58
Master of Commerce 2015-16	56	2	25	100	95.56
Master of Commerce 2014-15	64	4	16	75.48	89.51
Master of Commerce 2013-14	35	0	18	0	87.25
MFM 2014-15	40	3	16	100	95.78
MFM 2013-14	33	10	6	85.25	95.12
MFM 2012-2013	33	2	15	100	98.45
MASTER OF COMMERCE(FM)	15	0	7	0	100
Master of Philosophy 2013-14	1	0	1	0	0
Master of Philosophy 2014-15	0	0	0	0	0
Master of Philosophy 2015-16	2	0	0	0	0
Doctor of Philosophy Commerce (F/T) (2013-14)	0	0	0	0	0
PhD Commerce (F/T) (2014-15)	1	0	0	0	0
PhD Commerce (F/T) (2015-16)	4	0	2	0	0
Doctor of Philosophy Commerce (P/T) (2013-14)	0	0	0	0	0
PhD Commerce (P/T) (2014-15)	7	0	5	0	0
PhD Commerce (P/T) (2015-16)	7	0	4	0	0
Doctor of Philosophy Finance (F/T) (2013-14)	0	0	0	0	0
PhD Finance (F/T) (2014-15)	1	0	0	0	0
PhD Finance (F/T) (2015-16)	2	0	1	0	0
Doctor of Philosophy Finance (P/T) (2013-14)	1	0	0	0	0
PhD Finance (P/T) (2014-15)	4	1	3	0	0
PhD Finance (P/T) (2015-16)	7	1	3	0	0

It is evident that the pass percentage is high and the pass percentage of girls is more than boys.

33 Diversity of students

Response

Students seeking admission to the undergraduate program join Amity College of Commerce & Finance after clearing their class XII examination. Student joining the post graduate program at ACCF exhibit diversity in their backgrounds. They come from varying educational backgrounds, belong to different religions and are from different states of India.

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from within the State	% of students from outside the state	% of students from other countries
Bachelor of Commerce (H) 2015-18	NA	NA	38.68	61.32	0
Bachelor of Commerce (H) 2014-17	NA	NA	36.73	63.27	0
Bachelor of Commerce (H) 2013-16	NA	NA	37.45	62.55	0
Bachelor of Commerce (H) 2012-15	NA	NA	33.57	66.43	0
Bachelor of Commerce (Eve) 2015-18	NA	NA	39.66	60.34	0
Bachelor of Commerce (Eve) 2014-17	NA	NA	39.47	60.53	0
Bachelor of Commerce (Eve) 2013-16	NA	NA	55.81	53.49	0
Bachelor of Commerce (Eve) 2012-15	NA	NA	16.67	83.33	0
Bachelor of Commerce (F&IA) 2015-18	NA	NA	56.25	31.25	0
BFIA 2014-17	NA	NA	23.33	76.67	0
BFIA 2013-16	NA	NA	32.35	67.65	0
BFIA 2012-15	NA	NA	32.00	68.00	0
Bachelor of Commerce (F&A) 2015-16	NA	NA	0.00	0.00	0
Master of Commerce 2015-17	0.0	18.5	18.52	81.48	0
Master of Commerce 2014-16	0.0	40.0	40.00	60.00	0
Master of Commerce 2013-15	0.0	5.0	5.00	95.00	0
MFm 2014-16	5.3	36.8	42.11	57.89	0

MFM 2013-15	0.0	12.5	12.50	87.50	0
MFM 2012-2014	16.7	16.7	33.33	66.67	0
MASTER OF COMMERCE(FM) (2015-17)	0.0	14.3	14.29	85.71	0
Master of Philosophy (2013-14)	0	1	0	0	0
Master of Philosophy (2014-15)	0	0	0	0	0
Master of Philosophy (2015-16)	0	0	0	0	0
PhD Commerce (2013-15)	0	0	0	0	0
PhD Commerce (2014-16)	0	0	0	0	0
PhD Commerce (2015-17)	0	0	0	100\	0
PhD Commerce PT (2013-16)	0	0	0	0	0
PhD Commerce PT (2014-17)	20	40	60	40	0
PhD Commerce PT (2015-18)	0	25	25	75	0
PhD Finance (2013-15)	0	0	0	0	0
PhD Finance (2014-16)	0	0	0	0	0
PhD Finance (2015-17)	0	0	0	100	0
PhD Finance PT (2013-16)	0	0	0	0	0
PhD Finance PT (2014-17)	0	0	0	100	0
PhD Finance PT (2015-18)	0	67	67	33	0

34 **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Response

Most of the students either go for higher studies abroad or they start their own business

Cleared Examinations	Number of students
Civil Services	Nil
Defense Services	Nil

NET	01
SET	Nil
GATE	Nil
Other competitive examinations (please specify)	Nil
GMAT	Nil
CAT	Nil

35 Student progression

Response

At the under-graduate level, high percentage of students opts for higher studies and not interested in placements. At post-graduate level, there is concerted effort to enhance placements

	2012-13	2013-14	2014-15	2015-16
UG to PG	Less than 1	Nil	nil	nil
PG to Master of Philosophy.	nil	Nil	Nil	nil
PG to Doctor of Philosophy.	nil	Nil	Nil	nil
Doctor of Philosophy. to Post-Doctoral	nil	Nil	Nil	nil
Employed	3	0	4	1
Campus Selection	B. Com(H) 3% BFIA 0% MFM 67%	B. Com(H) 0% BFIA 0% MFM 88%	B. Com(H) 4% B. Com(H)(Eve) 0% BFIA 5% Master of Commerce 28% MFM 56%	B. Com(H) 1% B. Com(H)(Eve) 0% BFIA 3% Master of Commerce 5% MFM 61%
Other Than Campus Selection				
Entrepreneurs	B. Com(H) 8%	Nil	Nil	B. Com(H) 14% B. Com(H)(Eve) 4.76% BFIA 6% Master of Commerce 10% MFM 6%

36 Diversity of staff

Response

Amity believes in employing faculty and staff with a diverse profile at ACCF from the different parts of India.

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	36%
from universities from other States from	64%
universities outside the country	Nil

- 37 **Number of faculty who were awarded Master of Philosophy., Doctor of Philosophy., D.Sc. and D.Litt. during the assessment period**

Response

Year	Doctor of Philosophy
2015	1
2014	3
2013	2

- 38 **Present details of departmental infrastructural facilities with regard to**
Amity provides world class infrastructure. All the classes are having ICT facility. Free wi-fi facility is given to all faculty and students

Response

Library	Title of books (390), volumes (1037), journals (08)
Internet facilities for staff and students	<ul style="list-style-type: none"> • Hi-tech campus with free wi-fi • 600 MBPS broadband connectivity • Interconnected through a highly secured virtual private network • Most advanced online counseling system facilitates quick response to queries • Access to Online Journals Some of the online resources to are Ebsco Host, UGC-Infonet, INDEST-AICTE, IS1 and Delnet.
Total number of class rooms	14
Class rooms with ICT facility	14
Students' laboratories	NA
Research laboratories	NA

39 **List of doctoral, post-doctoral students and Research Associates**

Response

The department provides research facilities to Master of Philosophy. And Ph. Students. The number of research scholars is increasing_

From the host institution/university	2013-14		2014-15		2015-16	
	FT	PT	FT	PT	FT	PT
Doctor of Philosophy (Finance)	0	4	1	6	0	2
Doctor of Philosophy (commerce)	0	5	2	5	1	6

from other institutions/universities	2013-14		2014-15		2015-16	
	FT	PT	FT	PT	FT	PT
Doctor of Philosophy (Finance)	0	0	0	0	0	0
Doctor of Philosophy (commerce)	0	0	0	0	0	0

40 **Number of post graduate students getting financial assistance from the university.**

Response

At Amity, we believe in rewarding the hard work and excellence achieved by meritorious students in their academic endeavours.

#	Type of Scholarship or other financial assistance	Number of PG students
1	Merit Scholarship	7

41 **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response

Yes. Industry vetting was done. Syllabus was sent to various industry/subject experts to identify new contemporary contents. The Board of Studies (BoS) endorsed the suggested the changes and recommended to Area Advisory Board (AAB) ratify the suggestions and finalise the syllabus and contents.

42 Does the department obtain feedback from Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Response

We obtain feedback from faculty, students, alumni, employers and parents.

Faculty gets involved as major stakeholder in development of curriculum being part of Course Review Committee, Board of Studies, Area Advisory Board and Academic Council.

Amity College of Commerce & Finance has online mechanism to take feedback from students regarding faculty, staff, and curriculum and teaching learning evaluation.

Students submit their feedback twice in a semester i.e. Post Commencement & Pre-Exam. There are five categories on which students give their feedback. These are :

- Course content
- Course delivery
- Continuous assessment and evaluation
- Teaching pedagogy
- Personality & Behaviour

Head of Institution analyses the faculty feedback given by students; based on which, he/she interacts with each and every faculty member to guide them on each parameter wherever the guidance is mandated, otherwise appreciates/motivates them on their positive feedback.

ACCF has the mechanism of taking feedback from Alumni and Employers.

Alumni submit their feedback on the following parameters in the same year, they successfully graduated

- Academic Process
- Faculty
- Student Development Process
- Placement Process
- Examination & Evaluation Process
- Exit Process
- General Updates
- Association with Amity
- General Information

This feedback is being used while considering or developing various academic and non-academic programs/activities.

Feedback from employers for our students is taken as follows:

1. Feedback taken from industry guide during summer internship/ term paper/ major & minor projects/ dissertation
2. Feedback during and after their placement with company/organization

ACCF utilize the feedback from the above in following ways:

To enhance the student's employability skills and groom them for their successful profession and personal life, training, workshops, industry expert talks, alumni talks are being organised or conducted time to time throughout the year.

- 43 List the distinguished alumni of the department (maximum 10)

Response

The notable alumni of ACCF includes the following

#	Alumni Name	Programme Name/ Pass-out Batch	Associated with (Organisation Name)	Designation
1	Siddhant Goyal	BFIA/ 2009-12	FinLife India Ltd	CEO
2	Siddhartha Vats	BFIA/2011-14	Team One Enterprises Pvt. Ltd.	Co-Founder
3	Raghav Jasuja	Bachelor of Commerce/ 2012-15	Shri Raghav International Ltd.	Managing Director

- 44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

ACCF provide a wide array of enrichment programmes to our students through which, they are exposed to valuable experiences of life beyond the sphere of academia. These include the following:

- (a) Structured Lectures
- (b) Internship/ summer/ NTCC Programmes
- (c) Hands-on Training
- (d) Guest Lectures
- (e) Seminars
- (f) Workshops
- (g) Sangathan – Inter-institutions sports meet
- (h) Youth Festival – Students driven events
- (i) Inter-institutions Competition Participation
- (j) Career Guidance Sessions
- (k) Personality Development through value added courses
- (l) Entrepreneurial Awareness Camps
- (m) Flipped Classroom Teaching
- (n) Learning Management System

Following is the year-wise details of student enrichment programmes.

Category/ Year	2012-13	2013-14	2014-15	2015-16
Guest Lecture (No.)	2	5	2	3
Workshop/ Date	1	1	01/ 8.8.2014	01/ 30.1.2015
Seminar/ Conference Conducted	1	1	1	1
Entrepreneurship Camps (No. of Students Participated)	None	None		392
Human Value Activities:	5	5	3	5
Events No. of Students	144	700	14	40

45 **List the teaching methods adopted by the faculty for different programmes.**

Response:

- (a) For PG Courses, to make them analyse, evaluate and create, ACCF use the following pedagogical tools in class:
- (i) Lecture method
 - (ii) Case study
 - (iii) Role Plays
 - (iv) Presentations
 - (v) Group Discussion
 - (vi) Video Lectures
- (b) For UG Courses, to make them remember, understand and apply, ACCF use the following teaching methodologies:
- (i) Lecture method
 - (ii) Case lets
 - (iii) Role plays
 - (iv) Presentations
 - (v) Home Assignments
 - (vi) Quizzes

46 **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

The Institution ensures that the programme objectives are constantly met and learning outcomes are monitored through the following measures:

Outcome Assessment:

The learning outcome assessment monitoring is more qualitative and focuses on improving teaching methods by analyzing student learning outcomes.

Quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning.

The learning outcome monitoring include aligning of domain mission to institutional mission

and finally to the program objective. These broad goals are categorized in two categories namely educational goal and operational goal.

Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

PEOs & PLOs are designed for each program as per Bloom Taxonomy. PLOs are aligned with graduate attributes. PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome has an objective and achievement of the outcome indicates the attainment of the said objective.

Assessment of learning outcomes:

Each outcome is assessed by at least one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with the objective and thereby with the mission at the institutional and domain level.

The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes.

Program Review:

Through program review Amity College of Commerce & Finance assess and overview the following criteria:

1. Students are learning the knowledge, skills and habits necessary to achieve program goals and objectives
2. The program goals are derived from the institution's mission.
3. The curriculum is coherent, current and consistent.
4. The instruction is acting as enabler to the students.
5. The requisite resources are adequate for student learning
6. The academic support services are adequate to facilitate student learning

Learning outcomes are measured by direct methods and indirect methods.

Direct Measures	Indirect Measures
Standardized tests / Class Test	Students Feedback
End Semester Examination	Satisfaction Surveys
Individual student work	Graduation rate
Pre-test and post-test evaluations	Alumni Surveys
Home Assignments, Seminar & Quiz(es)	Employers Surveys
Internal or external juried review of student work	Syllabi and curriculum analysis
Case study/Written Case Analysis	Result analysis
Term papers, projects or presentations, Viva	
Project or course imbedded assessment	
Documented observation and analysis of student behaviour / performance	
Externally reviewed internship or practicum	
Collections of work (portfolios) of individual students	
Activity logs	
Attendance (5 marks)	
Scoring Rubrics	

47 **Highlight the participation of students and faculty in extension activities.**

Response:

At Amity College of Commerce & Finance and students are encouraged to for an arrange causes. The table below highlights the various extension activities faculty members and students have been actively involved in last 3 years.

In Human Value Community Outreach, faculty and students work together and help the underprivileged/ over-age people by distributing essential items to them.

Student driven clubs & committees; ACCF has more than 25 clubs and committees at the institutional level as a necessary component of co-curricular activities for the students.

Participation of faculty members in extension activities: (refer Appendix – I)

S.N o.	Activity Name	2013-14	2014-15	2015-16
01	Plays / Drama	1	1	1
02	Social Welfare	2	1	3
03	Extempore	1	0	0
04	Poster Making	1	0	0
05	Independence Day Celebration	0	0	1

Participation of students in extension activities: (refer Appendix – II)

S.No.	Activity Name	2013-14	2014-15	2015-16
01	Plays / Drama	1	1	1
02	Social Welfare	2	1	3
03	Extempore	1	0	0
04	Poster Making	1	0	0
05	Independence Day Celebration	0	0	0

48 **Give details of “beyond syllabus scholarly activities” of the department.**

Response:

We encourage our faculty to publish research papers in the journals of repute and also to participate in various national and international conferences/ seminars/ workshops/ FDPs. Our faculty is also involved in the following beyond syllabus scholarly activities:

- Financial Literacy Programmes in partnership with SEBI
- Panel discussions/ invited as panel expert
- Trainings/ Workshop programmes
- Members of editorial boards of academic journals and professional bodies.

- 49 **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response:

All programs of Amity College of Commerce & Finance are accredited / graded by following agencies:

- b. Accredited by IACBE, USA
- c. Accredited by ACCA, India

- 50 **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

The following are the contribution of the institution in generating basic and applied knowledge:

Basic	Applied
Scholarly work in the form of publications in referred journals of repute and books	Training programmes, workshops, skill development programmes
Presentations at national & International conferences of original work	Panel discussions.
Conferences and seminars on topical issues	

- 51 **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response:

The following is the SWOC analysis of the institution:

#	Strengths
1	Dedicated faculty with a commitment to academics.
2	Multiple courses offered with a focus and thrust on employability.
3	Well established industry interaction.
4	The placement cell focuses on workshop, training and contacts with company to make the students employable.
5	Students driven clubs and committees, youth festival and Sangathan which imparts students with leadership qualities, team building abilities, decision making skill and creativity.
#	Weaknesses
1	Research culture among faculty
2	Consultancy projects
3	Lack of international exposure
4	Government funding

#	Opportunities
1	The university has substantial potential for expanding its educational and research operations by bringing about innovative changes in teaching-learning evaluation and library resources with the support of its qualified teachers.
2	Consultancy and research opportunities to be explored
3	To deliver more skill based programmes to increase students' employability.
4	International and national collaborations
5	To be one of the globally recognized Institutions of Finance Management.
#	Challenges
1	Competitive environment
2	Sustenance of quality placement against economic slowdown
3	Industry requirement based curriculum.
4	Attracting best students and faculty
5	Students with diverse background with diverse needs.

52 **Future plans of the department.**

Response:

The future plans are designed are taking into consideration the achievement of the following objectives and the departmental growth in terms of academics, research and student development by **20%**:

1. Educational Excellence

- Promote use of variety of modern and appropriate new technologies and teaching methodologies.
- Focus on developing employability skills of students
- Incorporate feedback of all stakeholder for course curriculum development and review

2. Holistic Development of Student

- To develop digitally literate students who can use technology in a strategic manner.
- Facilitate the integration of research into curriculum

3. Innovation and Research Excellence

- Promote importance of research among faculty and encourage them to publish quality papers in journals of repute and also high citation index per paper.
- Increase prolific academic experts
- Built productive and sustainable collaborations with government Industry and other international universities.

4. Intellectual Capital Enhancement

- Promote intellectually rewarding inter institutions and inter university collaboration among faculty.

5. Internationalisation

- Increase diversity and numbers of international faculty.
- Encourage joint collaboration with international universities and appoint no. Of international faculty as Doctor of Philosophy. co-guide and external examiners.
- Provide opportunities for global exposure to students.

- Increase number of inbound – outbound students through student exchange program, Study aboard program etc.
- 6. Building Strong industry linkages and Alumni Network**
- 7. Enhancing employability and entrepreneurial capabilities among students.**

Broad Area	Action Plan
Research and Publication	<ul style="list-style-type: none"> • A Research Conference is being organized in the month of March 2017 to channelize the Papers in Scopus indexed Journals. • 4 Workshops to be conducted to motivate students, faculty and research scholars to convert their research work into publication • An institutional journal is to be published.
Career Counselling Sessions/Guest Lectures	<ul style="list-style-type: none"> • 3 career counselling sessions and 10 Guest Lectures are to be conducted.
FDPs	<ul style="list-style-type: none"> • Two FDPs to be conducted to enhance faculty members skills and knowledge
Internationalization	<ul style="list-style-type: none"> • Identifying Institutes for international academic collaboration • Establishing contacts with prospective international institutes/ universities

APPENDIX – I
Participation of faculty members in extension activities

S No	Name of Faculty member	Design .	Date of Joining	Details of Extension Activity done by faculty member			Role of Faculty member
				Date of Project / Activity	Location	Total number of hours volunteered	
1	Dr. Parul Jhaharia	Professor	01.10.2001	13.02.2014/Plays/Drama	Palm Court	1 hr	To ensure proper communication of drive should be done. Smooth conduction of event.
2	Dr. Parul Jhaharia	Additional Director	01.10.2001	20.02.2014/ Social Welfare (Donation Drive)	F 3 Block , Lower Ground Floor, Room No 10	4 hrs	To ensure proper communication of drive should be done.
3	Ms. Neha Puri	Assistant Professor	03.01.2011	20.02.2014 / Social Welfare (Make Paper-Save Paper Competition)	F 3 Block , Ground Floor	3 hrs	To ensure proper communication of drive should be done. Smooth conduction of event. Arrangement of necessary resources for the event.
4	Ms. Neha Puri	Assistant Professor	03.01.2011	26.02.2014/ Extempore Competition	F 3 Block , Lower Ground Floor, Room No 10	3 hrs	To ensure proper communication of drive should be done. Smooth conduction of event. Arrangement

							of necessary resources for the event.
5	Dr. Parul Jhajharia	Additional Director	01.10.2001	7.03.2014/ Poster Making Competition	F3 - GF	2 hrs	To ensure proper communication of drive should be done. Smooth conduction of event. Arrangement of necessary resources for the event.
6	Dr. Parul Jhajharia	Additional Director	01.10.2001	13.08.2014/ Street Play	H Block	2 hrs	Motivated students
7	Dr. Parul Jhajharia	Additional Director	01.10.2001	8.10.2014/ Social Welfare (Donation For J&K)	F1 IIIrd Floor	9:00 am - 5:00 pm	To ensure proper communication of drive should be done.
8	Dr. Parul Jhajharia	Additional Director	01.10.2001	14/08/2015/ 69th Independence Day Celebration	J1 Block	1 hr	
9	Ms. Bhawna Sharma	Assistant Professor	14.06.2010	06/10/2015/ Social Welfare (Interaction with the Tiny Tots - NGO Visit)	Sarita Vihar, Delhi	4 hrs	Faculty motivated the students to take participation to visit NGO for helping the underprivileged child.
10	Ms. Divya Christopher	Assistant Professor	13.08.2007	9/10/2015/ Social Welfare (NGO - The Jan Kalyan Visit)	Sec 55, Noida	4 hrs	Faculty motivated the students to take participation to visit NGO for helping the old age people

11	Ms. Divya Christopher	Assistant Professor	13.08.2008	9.02.2016/ Social Welfare	Sec 55, Noida	3 hrs	Faculty motivated the students to take participation to visit NGO for helping the old age people
12	Dr. Geeta Mishra	Assistant Professor	8.10.2007	25.02.2016/ Street Play	H Block	3 hrs	To motivate Students

APPENDIX - II

Participation of students in extension activities

Amity College of Commerce and Finance Human Value Quarter Report for Academic Session 2013-14, 2014-15 and 2015-16

S No	Name of Student	Enroll. No.	Prog. Name	Details of Extension Activity done by Student			Role of Student
				Date of Project / Activity	Location	Total number of hours volunteered	
1	Mr ANVIT PALIWAL	A3110113003	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
2	Mr RISHABH GARG	A3110113013	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
3	Mr Varun Kumar	A3110113011	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
4	Mr SHAHBAZ KHAN	A3146913037	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
5	Mr Vansh Nagpal	A3146913021	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
6	Mr SHUBHAM DUBEY	A3146913019	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's

							right
7	Mr ANUJ DUBEY	A3146913020	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
8	Mr AMAN GUPTA	A3146913013	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
9	Mr Honey Mehra	A3146913016	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
10	Mr VIPUL KUMAR	A3146913027	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
11	Ms AAKRITI GOYAL	A3104613196	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
12	Ms Yakshika Vats	A3104613211	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
13	Mr RAGHAV JASUJA	A3104612099	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
14	Ms HINA JAIN	A3104612043	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
15	Mr APOORV AGARWAL	A3104611097	Nukkad Natak	13.02.2014	Palm Court	1 hr	Awareness for Women's right
16	Mr AKSHANSH KAWATRA	A3104612046	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
17	Mr AMAN BANSAL	A3104612066	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
18	Mr KARAN GUPTA	A3104612016	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
19	Mr SAVIJ JAIN	A3104612010	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
20	Ms VAISHALI PANWAR	A3104612062	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d

21	Mr DHRUV TANDON	A3104612057	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
22	Mr IZAZ AHMED	A3104612001	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
23	Ms GRISHA AGGARWAL	A3104612037	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
24	Ms SAUMYA MITTAL	A3104612070	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
25	Ms PARUL SHARMA	A3104612009	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
26	Ms DIVYA MUTREJA	A3104612137	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
27	Ms AKANSHA SINGHAL	A3104612061	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
28	Mr AKSHAYA MEHTA	A3104612063	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
29	Mr LAKSHAYA SAHNI	A3104612060	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
30	Mr VAIBHAV GOYAL	A3104612053	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
31	Mr SUSHIL KATARA	A3104612048	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
32	Ms AARTI MAHESHWARI	A3104612119	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
33	Ms KOMAL CHAUDHRY	A3104612067	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
34	Ms HAIFA WANI	A3104612030	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
35	Ms NAINIKA KHANNA	A3104612013	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d

36	Mr MOHIT MAHESHWARI	A3110112025	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
37	Ms KANCHAN SINGH PANESAR	A3110112013	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
38	Ms RUHANI SUNEJA	A3110112004	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
39	Mr AYUSH GOEL	A3110112001	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
40	Ms AARUSHI MATHUR	A3110112010	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
41	Mr YOGESH JAKHAR	A3110112014	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
42	Ms VAMIKA MATTOO	A3110112011	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
43	Ms AYUSHI MAHESHWARI	A3110112022	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
44	Ms GAURI CHAWLA	A3104613174	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
45	Ms AKSHITA NEGI	A3104613192	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
46	Ms RUCHIKA SHARMA	A3104613255	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
47	Ms RITU WALECHA	A3104613244	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
48	Ms AKANKSHA BARANWAL	A3104613203	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
49	Ms SRISHTY KAPOOR	A3104613194	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
50	Ms Sanya Shrivastav	A3110113015	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d

51	Ms SIMRAN KAUR	A3110113012	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
52	Ms CHHAVI PRASHAR	A3110113005	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
53	Mr Prateek Kakkar	A3110113037	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
54	Ms KANIKA HASIJA	A3110113029	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
55	Ms Aarushi Jain	A3110113024	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
56	Mr Vinayak Sehgal	A3110113035	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
57	Mr RISHABH GARG	A3110113013	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
58	Mr SABYASACHI PANDA	A3110113031	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
59	Mr JAGPREET SINGH MANKU	A3110113027	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
60	Mr Saurabh Chawla	A3110113018	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
61	Mr jatimonga	A3110113019	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
62	Mr LAKSH CHHAJER	A3110113004	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
63	Mr SHUBHANKAR VERMA	A3104612004	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
64	Mr MURTAZA ALI	A3104612027	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d
65	Mr ABHISHEK TYAGI	A3104612088	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate d

66	Mr DEEVIJ WADHWA	A3104612056	Make Paper - Save paper	20.02.2014	F 3 Block, Ground Floor	3 hrs	Participate
67	Ms SMRITI	A3110111018	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
68	Mr SHRESHTH JAIN	A3110111017	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
69	Ms SUNAINA GUPTA	A3110111016	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
70	Mr VIPUL JINDAL	A3110111015	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
71	Mr YUVRAJ KHATANA	A3110111014	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
72	Mr SANTHOSH SANKARA NARAYANA N	A3110111013	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
73	Ms PAYAL KUMAR	A3110111010	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
74	Ms PAARUL PURI	A3110111011	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
75	Mr KESHAV DATTA	A3110111012	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
76	Ms JAYEETA CHAKRABORTY	A3110111009	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
77	Mr BHUVAN GOEL	A3110111008	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive

78	Ms ADITI SHARMA	A3110111007	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
79	Ms NITYA GUPTA	A3110111006	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
80	Mr TANAY MOHAN	A3110111005	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
81	Mr SARANSH OZE	A3110111004	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
82	Mr KARAN RAMPAL	A3110111003	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
83	Ms DESHNA GARG	A3110111002	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive
84	Mr SIDHARTH VATS	A3110111001	Donation Drive	20.02.2014	F 3 Block, Lower Ground Floor, Room No 10	4 hrs	Publicity of Donation Drive.
85	Mr TARUN BEHL	A3146913015	Extempore	26.02.2014	F 3 Block, Lower Ground Floor, Room No 10	3 hrs	Participated
86	Ms PAROMA BHATTACHARYA	A3104613114	Extempore	26.02.2014	F 3 Block, Lower Ground Floor, Room No 10	3 hrs	Participated
87	Mr LAKSH CHHAJER	A3110113004	Extempore	26.02.2014	F 3 Block, Lower Ground Floor, Room No 10	3 hrs	Participated
88	Ms AMOLI	A3110113002	Extempore	26.02.2014	F 3 Block, Lower Ground Floor, Room No 10	3 hrs	Participated
89	Mr GAUTAM KAMPANI	A3104613123	Extempore	26.02.2014	F 3 Block, Lower Ground Floor, Room No 10	3 hrs	Participated

90	Ms AARTI CHAUHAN	A3110112005	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
91	Mr AYUSH GOEL	A3110112001	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
92	Ms AKANSHA AHUJA	A3110112027	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
93	Mr SHUBHRA KISHAN	A3104612116	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
94	Ms AAKRITI GOYAL	A3104613196	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
95	Mr Sabhya Bahl	A3104613241	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
96	Mr Aman Arora	A3104613240	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
97	Ms DEEKSHA GANGWAR	A3104613218	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
98	Ms Yakshika Vats	A3104613211	Poster Making Competition	07.03.2014	F3 Block	2 hrs	Participated
101	Ms Riddhi Banka	A3104614063	Street Play	13.08.2014	Palm Court Area	3 hrs	Participated
102	Ms RUCHI BHADKARIYA	A3104614115	Street Play	13.08.2014	Palm Court Area	3 hrs	Participated
103	Mr Varun Kumar	A3110113011	Street Play	13.08.2014	Palm Court Area	3 hrs	Participated
104	Ms AISHWARYA PAUL	A3104614007	Street Play	13.08.2014	Palm Court Area	3 hrs	Participated
105	Mr VIPUL KUMAR	A3146913027	Street Play	13.08.2014	Palm Court Area	3 hrs	Participated
99	Mr MURTAZA ALI	A3104612027	Donation For J&K	8.10.2014	F1 IIIrd Floor	9:00 am - 5:00 pm	Increase awareness amongst the other student to donate medicines, cloths and money

100	Ms HAIFA WANI	A3104612030	Donation For J&K	8.10.2014	F1 IIIrd Floor	9:00 am - 5:00 pm	Increase awareness amongst the other student to donate medicines, cloths and money
101	Mr Sanat Kumar Nagpal	A3104615286	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
102	Ms Ria Sindhwani	A3104615291	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
103	Mr Vikrant Siwach	A3104615282	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
104	Mr HARSH RANA	A3104615287	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
105	Mr HARSH VARDHAN TYAGI	A3104615268	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
106	Ms Ayushi Singh	A3104615264	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags

107	Mr Sarthak Aggarwal	A3104615424	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
108	Mr Sagun Arora	A3110114001	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
109	Ms HARSHITA MALIK	A3104615406	Interaction with the Tiny Tots - NGO Visit	6.10.2015	Sarita Vihar, Delhi	4 hrs	Interacted with the students, play with them, gift them some guddies bags
110	Mr Sanat Kumar Nagpal	A3104615286	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
111	Ms Ria Sindhwani	A3104615291	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
112	Mr Vikrant Siwach	A3104615282	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
113	Mr HARSH RANA	A3104615287	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
114	Mr HARSH VARDHAN TYAGI	A3104615268	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
115	Ms Ayushi Singh	A3104615264	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
116	Mr Sarthak Aggarwal	A3104615424	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
117	Mr Sagun Arora	A3110114001	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries
118	Ms HARSHITA MALIK	A3104615406	NGO - The Jankalyan Visit	10.10.2015	Sec 55, Noida	3 hrs	Distributed toiletries

119	Mr Sanat Kumar Nagpal	A3104615286	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
120	Ms Ria Sindhwani	A3104615291	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
121	Mr Vikrant Siwach	A3104615282	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
122	Mr HARSH RANA	A3104615287	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
123	Mr HARSH VARDHAN TYAGI	A3104615268	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
124	Ms Ayushi Singh	A3104615264	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
125	Mr Sarthak Aggarwal	A3104615424	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
126	Mr SOHRAAB SINGH	A3104615369	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
127	Mr Sagun Arora	A3110114001	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
128	Ms HARSHITA MALIK	A3104615406	NGO - The Jankalyan Visit	09.02.2016	Sec 55, Noida	3 hrs	Distributed necessary goddies
129	Mr Honey Mehra	A3146913016	Street Play	25.02.2016	H Block	3 hrs	Participate d
130	Ms Saloni Sharma	A3104615036	Street Play	25.02.2016	H Block	3 hrs	Participate d
131	Mr SHUBHAM DUBEY	A3146913019	Street Play	25.02.2016	H Block	3 hrs	Participate d
132	Mr ANUJ DUBEY	A3146913020	Street Play	25.02.2016	H Block	3 hrs	Participate d
133	Mr VIPUL KUMAR	A3146913027	Street Play	25.02.2016	H Block	3 hrs	Participate d
134	Mr AMAN GUPTA	A3146913013	Street Play	25.02.2016	H Block	3 hrs	Participate d
135	Mr Vansh Nagpal	A3146913021	Street Play	25.02.2016	H Block	3 hrs	Participate d
136	Ms Sneha Dangwal	A3104615068	Street Play	25.02.2016	H Block	3 hrs	Participate d
137	Ms Gargi Goniya	A3104615075	Street Play	25.02.2016	H Block	3 hrs	Participate d

138	Mr SHAHBAZ KHAN	A3146913037	Street Play	25.02.2016	H Block	3 hrs	Participate d
139	Mr Kanav Garg	A3104615039	Street Play	25.02.2016	H Block	3 hrs	Participate d
140	Ms Aparna Agarwal	A3104615040	Street Play	25.02.2016	H Block	3 hrs	Participate d

Evaluative Report (Amity Institute of Competitive Intelligence and Strategic Management)

1. Name of the Department

Response

The name of the Institution is Amity Institute of Competitive Intelligence and Strategic Management (AICISM)

2. Year of establishment

Response

The Institution was established in the year 2005

3. Is the Institution / Department is part of a School/Faculty of the university?

Response

Yes, AICISM is a part of Faculty of Management Studies (FMS) of the university.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Response

The names of programmes offered by AICISM are:

- (a) **Under Graduate (UG) programme-** – BBA (Business Development)
- (b) **Post Graduate programme-** – – MBA (Competitive Intelligence and & Strategic Management)
- (c) **Doctoral programme** – Ph.D. (Competitive Intelligence and & Strategic Management)

5. Interdisciplinary programmes and departments involved

Response

Yes, the institution runs interdisciplinary programmes in competitive Intelligence and management

6. Courses in collaboration with other universities, industries, foreign institutions, etc

Response

The following courses are offered in collaborations with professional bodies :

EISTI, France (Student Exchange Programme, Curriculum Development, Collaborative Research).

BSI (British Standards Institution)

- Quality Management System
- Risk Management
- Six Sigma Green Belt

7. Details of programmes discontinued, if any, with reasons

Response

None of the programmes have been discontinued. However, the nomenclature of the following programs have been changed as indicated below:

- (a) Name of the programme changed from MBA (CI&CW) to MBA (CI&SM) -To better represent what the institute stands for and in keeping with UGC regulations.
- (b) Name of the programme changed from BBS (BD) to BBA (BD)-(To better represent what the institute stands for and in keeping with UGC regulations).

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System (CBCS).

Response

ACISM follows Semester System & Choice Based Credit System.

9. Participation of the department in the courses offered by other departments / institutions

Response

As per University policy AICISM also follows CBCS, in which the students can opt for electives from any other department / institution of his/her choice. Besides, there are domain electives, in which the students of AICISM can opt for courses offered by other institutions from within the management domain or even outside the domain as well:

For Post Graduate:

- a) E - Business and Trade (CSIT723)
- b) Web Enabled Business Process (CSIT733)
- c) Leadership and Motivation in Organization (HR733)
- d) SPSS for Global Managers (IB706)
- e) Small Business Management (ENTR 604)
- f) Managing Creativity and Building Learning Organizations (ENTR731)
- g) Managerial Counselling (HR723)
- h) Leadership and Motivation in Organization (HR733)
- i) International Business and Practice (IB602)
- j) SPSS for Global Managers (IB706)
- k) Community Safety & Disaster Management (MGMT713)
- l) Pricing Strategies (MKTG723)
- m) Rural Entrepreneurship and Development(RUR611)
- n) For Under Graduate ; Emergency Response and Life Saving Skills (MGMT 112)

The spread of Domain and Open Electives is very vast and enables student to select courses in line with his aspirations and career development objectives.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response

AICISM is a unique programme as it revolves around competitive intelligence. The Thrust of the course is informed decision making with the help of data analysis. Applicants with bigger and better cognitive world and aptitude to data handling are normally considered. Due to this, the students with specific focus apply for the programs. Faculty oriented towards CI approach are also few and far between. Accordingly, in house faculty focus on CI specialisations and analytics. Other competencies are covered by assigning faculty from other institutes in Faculty of Management Studies.

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	2	2
Associate Professors	2	0	0
Asst. Professors	4	3	3
Others			

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response

As mentioned above, AICISM is a niche programme revolves around competitive intelligence. Faculties are recruited on the basis of their expertise in the area of strategic management or special analytical abilities in a specific field. Faculty must be an expert with special tools and techniques for slicing and dicing the data

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr R Srinivasan	Ph.D., PGDM, MCA	Director and Head – AICISM	Finance & Strategy	28 + years	Nil
Cmde Rajan Bhandari	M. Sc (Defence Studies), NDA	Professor	CI, CW & Strategy	45 + years	Nil
Dr. Monika Saxena	Ph.D., M.A. (Economics)	Asstt Professor	Economics, Analytics	12 + years	Nil
Mr Samarth Sharma	Pursuing Ph.D., MBA, Advance Diploma in Strategy & Data analytics	Asst Professor	CI and Marketing	9 + years	Nil
Ms Sakshee Singh	MBA, BA	Asst Professor	CI and Marketing	3 + years	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

At AICISM there is a process going on to bring the expertise of emeritus professor. The knowledge will be imparted by them will be incredible and invaluable It is long term initiative of our institute towards knowledge management.

#	Senior Visiting Fellow		Adjunct Faculty		Emeritus Professors	
	Name	Designation	Name	Designation	Name	Designation
1	Dr S Niyogi	Professor, AIBS, Amity University	Mr. Neeraj Deshpande	Asst. Manager- Marketing, Cvent India, Gurgaon	Mr. Nishant Wadhvani	Insightfull Intelligence Pvt Ltd, Gurgaon
2	Mr Manas Ranjan Rout	Independent Consultant, Freelancer	Mr G. P. Rao	Former Sr Vice President (HR & IR) , Reliance Industries Ltd, Kolalampur	Mr. Sumitro Sen	Director, CAIN Technologies India Pvt Ltd, Noida
3	Mr Gagdish Lal Gupta	Associate Professor, tma Ram Sanatan Dharam College, Delhi University	Ms Ritu Arora	HR Manager, 5M Integrated Solutions Pvt Ltd, Noida	Mr. Abhishek Pathak	Research Analyst – Management Consultancy, Orkash Services Pvt.Ltd, Mumbai
4	Mr Pradhuman Singh	Executive Assistant to the ED- Marketing, DLF, Delhi	Ms Udit Das Gupta	Assistant Director, FICCI, New delhi	Mr. Deepankar Kamboj	Business Associate, Uber Advisors, Gurgaon
5	Mr. Alok Mishra	Principal Consultant, IGATE Global Solutions, Noida			Maj Gen Ashok Krishna	Former Director – AICISM, Noida

13. Percentage of classes taken by temporary faculty – programme-wise information -Nil

14. Programme-wise Student Teacher Ratio

Response

The programme-wise student faculty ration is given below:

#	Programme Name	Student Teacher Ratio
1.	MBA (CI&SM)	6 : 1
2.	BBA (BD)	16 : 1
	Overall Ratio	22 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response

Number of academic support and administrative staff: sanctioned, filled and actual are given below:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	2	2	2
administrative staff	1	1	1

16. Research thrust areas as recognized by major funding agencies

Response

Efforts are being made to engage in developing capabilities in consultancy.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: NIL

18. Inter-institutional collaborative projects and associated grants received : NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. NIL

20. Research facility / centre with

Response

Amity Institute of Competitive Intelligence and Strategic Management is encouraging faculty members for conducting research in various disciplines.

Research Lab is established in which following software for promoting Research:
 SPSS, SAS, MS Excel Advance, Turnitin

Digital Library is available for faculty and students to access online journals like Cambridge University Press, IEEE Xplore, Taylor & Francis, Oxford University Press, etc.

21. **Special research laboratories sponsored by / created by industry or corporate bodies :** NIL

22. **Publications:**

Response

AICISM is devoted to enhance the level of scholarly activities. Faculty members are encouraged to write research papers in peer reviewed journals. Writing chapters of book, editing books are given full support enhance the knowledge quotient at institute level.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	12
Monographs	Nil
Chapters in Books	Nil
Edited Books	3
Books with ISBN with details of publishers	2
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	6
Citation Index – range / average	1
SNIP (Source Normalized : Impact per Person)	0.36
SJR (Scimago Journal Rank)	-
Impact Factor – range / average	1.8
h-index	-

23. **Details of patents and income generated** NIL

24. **Areas of consultancy and income generated**

Response

The institute is exploring possible consulting opportunities, and efforts are being made to improve capabilities towards meeting this end

Areas where we have the expertise have already been identified and companies have been contacted. Process has been initiated in this direction.

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:** NIL

26. **Faculty serving in**

Response

AICISM faculty members are increasingly being encouraged to engage themselves with other universities, institutions, and academic bodies.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response

With the objective of improving their research capabilities, the faculty members are encouraged to participate in programmes conducted by UGC, and other reputed Universities and institutions. AICISM also invites experts from outside to enhance the research capabilities of its faculty members.

#		Organised	Attended
a	Refresher	Nil	Nil
b	Orientation programs	4	4
c	Workshops	1	1
d	Training programs	--	--
e	Seminar	3	3

Such initiatives are helping the faculty members in enhancement of their knowledge, and classroom delivery. It is also helps them in boosting their confidence, and establishes connectivity with industry experts.

28. Student projects :

Response

To be able to make the students industry ready, they are engaged in several self-study programmes, presentation based classrooms, and non-teaching credit courses (NTCC). This helps the students gaining extra subject knowledge, enhance industry awareness, and making them industry ready.

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	100%

The above teaching methods have definitely enhanced industry awareness, subject knowledge, and confidence levels in students.

29. Awards / recognitions received at the national and international level: NIL

30. **Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

Response

It has been a constant endeavour on the part of AICISM to conduct seminars and workshops that of genuine interest to people from the industry.

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International	No. of Particip ants
1	Competitive Intelligence for Organizational Success (2012)	Conference	I-2 Block Moot Court	Self-financed	70
2	Competitive Intelligence is the Future: Intelligence Drives Success (2013)	Conference	F-3 Seminar Hall	Self-financed	80
3	Examples of Learning in Competitive Intelligence (2014)	Seminar	F-3 Seminar Hall	Self-financed	50
4	Workshop On Scenario Planning And Business Gaming For Effective Strategy (2015)	Workshop cum Seminar	F-1 MDP Room / F-1 Seminar Hall	Self-financed	50

31. **Code of ethics for research followed by the departments**

Response

The Institute promotes ethical responsibility in the quest for knowledge and the development, conservation and transfer of such knowledge. All members of staff and students are required to strive for the highest standards of excellence and morality in any research activities. Institute uses Turnitin Software for Plagiarisms Check in all NTCC Courses to ensure highest standards of originality.

32. **Student profile programme-wise:**
Response

The UG & PG programmes offered by AICISM is a niche area, where students are expected to have computational and analytical abilities; hence, there is a limited intake in the programme.

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage (%)	
		Male	Female	Male	Female
MBA (Competitive Intelligence and Strategic Management) – 2014-16	72	9	9	88%	100%
Bachelor of Business Studies (Business Development) 2013-16	107	11	5	88%	100%

The intake of both PG and UG programs is steadily showing an upward trend. The programs are marketed mainly by word of mouth and peer influenced social media inputs by existing students.

33. **Diversity of students**

Response

The campus provides multi-cultural environment with the presence of students from across India and more than 15 states of the country who shares diversity of regions, ethnicities, and languages giving the programmes the pan India flavour.

Name of the Programme (refer to question No. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA (Competitive Intelligence & Strategic Management)	31%	12%	88%	0%
Bachelor of Business Studies (Business Development)	0%	22%	78%	0%

Students are constantly updated on the exceptional cultural aspects of different parts of the country. Hostel students celebrate cultural festivals from different parts e.g., both Onam and Holi with the same fervour.

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Response

The prime focus of MBA CI and SM and BBA BD students is to either become professional managers or expand traditional business. Accordingly, most do not enter the program with aspiration for other All India services. The GATE figures are not known since students apply for this after leaving.

Cleared Examinations	Number of students
Civil Services	0
Defence Services	0
NET	0
SET	0
GATE	Information not available
Other competitive examinations (please specify)	01 (CA)

The students enrolling in both the UG and PG programmes, generally come from business background, and ultimately go back and join their well-established family businesses or establish set-ups of their own. Therefore, there are very few students who take up other professions.

35. **Student progression**

Response

AICISM has inherited strong and positive student progression system as a part of Amity University. There is some interest shown by UG students both from other departments as well as from within the institute, joining the PG programmes at AICISM. Efforts are being made to attract more number of students from other departments and domains.

Student progression		Percentage against enrolled				
		2012	2013	2014	2015	2016
UG to PG		0%	0%	5.6%	18.75%	16.7%
PG to M.Phil.		0%	0%	0%	0%	0%
PG to Ph.D.		0%	0%	0%	0%	0%
Ph.D. to Post-Doctoral		0%	0%	0%	0%	0%
Employed						
<input type="checkbox"/>	Campus selection	81.82%	61.29%	50%	100%	100%
<input type="checkbox"/>	Other than campus recruitment (Higher Education)	18.18%	32.3% (6.5%)	37.5%	Nil	Nil
Entrepreneurs		Nil	Nil	Nil	Nil	Nil

36. Diversity of staff

Response

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
of the same university	17%	20%	20%	20%	20%
from other universities within the State	17%	20%	20%	40%	40%
from universities from other States from	83%	80%	80%	60%	60%
universities outside the country	0	0	0	0	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

Response

AICISM has got excellent infrastructure. The university campus is spread in 60 acres. They have air-conditioned amphitheater styled classrooms which provide the most conducive atmosphere for learning. To be precise it has an international standard infrastructure

Library	Common central library with sufficient no. of titles of books, journals, magazines, and periodicals.
Internet facilities for staff and students	Campus is WI-FI enabled with sufficient bandwidth to connect the computer systems and other devices.
Total number of class rooms	Classrooms – 2 Tutorial Room – 1
Class rooms with ICT facility	All requisite ICT facilities are available including WI-FI facility
Students' laboratories	Computer Lab on sharing basis with ABS
Research laboratories	--

The excellent infrastructure enables to bring the best out of the students as well as the teaching and non-teaching staff.

39. List of doctoral, post-doctoral students and Research Associates

Response

The institution does not have any doctoral, post-doctoral students and Research Associates at present.

40. Number of post graduate students getting financial assistance from the university.

Response

The Amity Scholarships have been initiated to encourage the talents of such students, thereby

strengthening the roots of our future generation. A small step towards the collective goal of making India the knowledge superpower of the world. Two of our PG students have received on admission scholarship.

Scholarship is granted on annual basis and continuation in second and further years of the program is subject to scholarship policy. To continue availing 100% scholarship students must secure position in top 5% of the merit list for the program. For continuation of 50% scholarship, students will have to secure position in top 10% of the merit list for the program.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response

- Proposals for introduction of new programmes are mooted after developing a general understanding about the market potential for such new programmes.
 - The Course Review Committee (CRC) meeting is called for and preliminary document about the programme is prepared.
 - The market survey is conducted
 - Inputs from industry, academicians, and alumni are obtained.
- Thereafter the proposal is prepared as per guidelines applicable (UGC, Govt regulations, etc), and put up to the Registrar office for further processing

42. Does the department obtain feedback from

Response

At AICISM feedback is taken from all the stake holders be it student, faculty, alumni or industry. Feedback analysis is done rigorously and performance is measured with the previous performance and the standard performance. Corrective measures are taken to keep the performance in check.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	The Course review committee (CRC) examines the course content and the pedagogy, which is implemented through AAB, BOS and Academic Council. The CRC evaluates the feedback taken from the faculty while finalising the curriculum development and design.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	The feedbacks from the students are taken twice a semester i.e. fifteen days after the commencement of the session and one week before the end of the semester/commencement of the examination. The feedback from the students are analysed based on which the faculty (professional) development programmes are planned, pedagogy is reviewed and the necessary feedback is given to the course review committee.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Alumni and employers feedbacks are taken during the time of summer internship and final placement of our students. The Placement coordinator/Corporate Resource Cell analysis the feedback obtained and appraises the concerned official about the feedback According to the suggestions given by them

	necessary improvements and required skills are imparted by fine tuning the course or conducting special sessions to make them industry fit.
--	---

The feedback system advocated by AUUP is religiously followed which reflects on the systems, and processes at the university and the department. Besides, it provides AICISM to align the courses and programmes in tune with industry expectations.

43. List the distinguished alumni of the department (maximum 10)

Response

The programmes at AICISM have been gobbled up more by students from family business background, the instances where its alumni have joined bigger and more established brands have been far and few.

#	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
1.	Mr Pradhuman Singh	MBA (CI&CW)	2005-07	DLF Universal Ltd	Manager & EA to ED
2.	Parteek Vasir	MBA (CI&CW)	2009-11	KPMG (India)	Assistant Manager Forensic CI
3.	Manish Kumar	MBA (CI&CW)	2011-13	LexisNexis	Assistant Manager
4.	Udita Dasgupta	MBA (CI&CW)	2011-13	FICCI	Assistant Director
5.	Johnson Pradeep Raj	MBA (CI&CW)	2009-11	Schneider India	Manager
6.	Deepak Kumar	MBA (CI&CW)	2008-10	Aruna Global Pvt Ltd	Partner and CEO

AICISM has a placement cell that works closely with industry and makes systematic efforts to place the graduates. Placement assistance is provided to all students and Campus interview is a regular feature. Also students are provided with exposure, access and practical experience with an organization with the help of seminars and workshops conducted by the institute.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response

Experts from industry and academia are invited at AICISM for delivering lectures on topics in tune with the trends prevalent in the industry.

2012	2013	2014	2015	2016
8	3	4	6	2

The Guest lectures by experts from industry and academia provides a different dimension and brings in an outsiders perspectives. Such activities help students widen their understanding of the subject, and importance of the courses offered at AICISM.

45. List the teaching methods adopted by the faculty for different programmes.

Response

AICISM engages the students in many different ways, which include Assignments, student seminars, non-teaching credit courses, guided self-study courses, case studies, role plays, etc.

Method	UG	PG
Lecture/Tutorials	70%	60%
Assignments/Seminar/Case Study/ Role Plays	30%	40%

Such activities has helped the students in rediscovering themselves, enhance subject knowledge, and understanding of the importance and relevance of the subject for industrial application.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response

The Institution ensures that the programme objectives are constantly met and learning outcomes are monitored through the following measures:

Direct Measures of Student Learning:	Performance Objectives for Direct Measures:
Comprehensive Exam	In comprehensive examination Intended Student Learning Outcomes (ISLO) viz., Management Knowledge, Research competency, IT Skills, Problem-Solving and Critical Thinking Skills, Global Outlook, Ethical Behaviour, Entrepreneurship & Employability, Life-Long Learning, are tested. At least 90% of students will attain 50% and above score in each section which is directly mapped to specific ISLOs to achieve the competency.
Scoring Rubrics	Scoring Rubrics include Research competency, Business Communication, Behavioural Skill, Global Outlook. Utilizing a scoring rubric at least 90% of students achieve the competency with 50% score in each section mapped with the specific ISLOs.
Indirect Measures of Student Learning:	Performance Objectives (Targets/Criteria) for Indirect Measures:
Student Exit Survey	On the exit survey instrument, at least 80% of graduating class will indicate that they agree or strongly agree on the ISLOs viz., Management Knowledge, Research competency, IT Skills, Problem-Solving and Critical Thinking Skills, Business Communication, Behavioural Skill, Global Outlook, Ethical Behaviour, Entrepreneurship & Employability, Life-Long Learning.

Alumni Survey	On the alumni survey instrument, at least 80% of alumni indicate “Yes” to the question “Are you employed in an area related to your MBA specialization?”
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Quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning.

PEOs & PLOs are designed for each program as per Bloom Taxonomy. PLOs are aligned with graduate attributes, PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome has an objective and achievement of the outcome indicates the attainment of the said objective.

47. Highlight the participation of students and faculty in extension activities.
Response

In order to instil humanistic values amongst its students, AICISM observes “Amity Human Values Quarter. “Amity Human Values Quarter” is a cherished activity in AICISM, giving students and entire Amity fraternity an opportunity to introspect and rededicate them to the cause of the society.

During the quarter thousands of students from various departments/institutions participated in different competitive events such as quiz, awareness campaigns, blood donation camps, short film making, photography competition, seminars, lectures, etc. Eminent personalities from various fields were invited to enlighten the students on human values and ethics.

Participation of faculty members in extension activities:

#	Name of Faculty member	Design.	Date of Joining	Details of Extension Activity done by faculty member			Role of Faculty member
				Date of Project / Activity	Location	Total number of hours volunteered	
01	Sakshe Singh	a) Interactive Session on the topic- "Sexual Harassment of Women at Work Place	03.10.2012	13/02/2014	Amity University , Uttar Pradesh	2 Hours	Coordinator
		b) Interactive Session on the issue of ‘Acid Violence Against Women’		12/03/2015	Amity University , Uttar Pradesh	2 Hours	Coordinator

48. Give details of “beyond syllabus scholarly activities” of the department.

Response

Our Huge video library of documentaries and short movies related to competitive intelligence and strategic management is one of the unique resource which we contain and used by the faculty members time to time. We have decided to increase our library range from competitive intelligence and strategic management to other diverse fields. Number of case studies which our students conduct time to time and the application of various techniques for analysis. Currently our students are working on 14 unique areas one of them among is Colt) (manufacturer of M16 vs Iz mash (manufacturer of AK 47)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response:

The Institution is accredited with the following international agencies apart from being accredited by NAAC and WASC as part of the University:

#	Agency	Programme
1	International Assembly for Collegiate Business Education (IACBE)	All Programmes
2	Accreditation Council for Business Schools and Programmes	All Programmes

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response

Faculty of AICISM are involved in research and publication activities. Some of them have provided consultancy services to govt and pvt agencies.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response

#	Strengths
1	AICISM is the first and institute which provides degree in the area of in the area of competitive intelligence in India.
2	Our course curriculum is highly innovative and futuristic.
3	Data analytics with the help of Spreadsheets is one of the advantages which students get while studying from here.
4	Amalgamation of Qualitative tools along with the Quantitative one makes our pedagogy unique.
5	Our collaboration with EISTI France (only institute of Competitive

	Intelligence in Whole Europe) makes us even more unique.
#	Weaknesses
1	Lack of awareness about the niche area of competitive intelligence
2	Lack of special skills to handle the unique courses.
3	Lack of available literature for the courses.
4	According to the old and traditional view competitive intelligence is taken as espionage.
5	Bulk of offers normally come for marketing and sales.
#	Opportunities
1	Significant improvement in terms of intake of students in comparison to past years and the trend will follow in the coming years
2	Significant improvement in terms of placements of students in comparison to past years and the trend will follow in the coming years
3	More marketing and sales courses with the inclusion of data analytics
4	Portfolio of the companies has significantly grown, as wide range of companies have approached our institute for placement of our students. Details are available with our placement in charge.
5	Till now we do not have any competitor.
#	Challenges
1	Availability of faculties who bring their areas of operation with CI perspective.
2	Placement of all students for Business Analyst Profile.
3	Other data analytics courses available in the market.
4	Lesser number of students opting for management programmes
5	Availability of students with good academic background

52. **Future plans of the department.**

Response

Amity Institute of Competitive Intelligence and Strategic Management is established under Amity University. The institute offers an MBA degree in Competitive Intelligence and Strategic Management and Bachelor's degree in Business development. AICISM is the first and only institute which provides degree in the area of in the area of competitive intelligence in India. As the current industry requirement is to include programmes in the area of analytics, AICISM has mooted the idea of introducing two new programmes in the name of MBA (Business Analytics) and MBA (Financial Analytics) from the academic year 2017 onwards. The introduction of these two programmes will help in fulfilling the shortfall that the industry is presently facing.

Evaluative Report (Amity School of Business)

1. **Name of the Department**
Amity School of Business

2. **Year of establishment**
2006

3. **Is the Institution / Department is part of a School/Faculty of the university?**
Response
 The institution is a constituent part of the University under Faculty of Management Studies.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
Response
Under-graduate programme
 1. BBA(Bachelor of Business Administration)
 2. BBA (Marketing and Sales)
 3. BBA (Finance and Accounts)
 4. BBA (Family Business & Entrepreneurship)**Post-Graduate programme**
 5. (BBA+MBA) Dual Degree**Doctoral programme**
 6. Ph. D.(Doctoral of Philosophy)

5. **Interdisciplinary programmes and departments involved** Nil

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**
Response

 BSI101 - Energy Management Systems
 BSI103 - Risk Management -
 BSI104 - Lean Management
 BSI105 - Food Safety Management Systems
 BSI112 - Business Continuity Management
 BSI113 - Six Sigma Green Belt
 BSI114 - Information Security Management Systems
 BSI115 - Environmental Management Systems
 BSI121 - Quality Management Systems

7. **Details of programmes discontinued, if any, with reasons**

Response

1. Integrated MBA has been replaced by BBA+MBA (Dual) Degree in order to award graduation and integrated degree to the student.
2. Change in nomenclature - BBA (Family Business Management) has been replaced by BBA (Family Business and Entrepreneurship) to include aspects of entrepreneurship and start-ups. Feedback were taken from all the stakeholders and on the basis of this HOI recommended for change in the nomenclature.

8. Examination System: Annual / Semester / Trimester / Choice Based Credit System

Response

1. Semester and
2. Choice Based Credit System

9. Participation of the department in the courses offered by other departments / institutions

Response

At Amity School of Business we offer students varied courses in the multi- disciplinary streams. Students enrol in Open and Domain Electives offered by other institutes of the University. The institute offers Choice-based credit systems where the students are free to choose from a range of sports, activities. The students are also encouraged to go for military training for their overall development.

#	Department / Institution Name	Course name	Course Code
1.	ASFA	Animation Drawing	ANIM127
		Object Drawing	DRAW101
		Painting Techniques	PNTG126
2	AUBSI	Energy Management Systems	BSI101
		Risk Management	BSI103
		Lean Management	BSI104
		Business Continuity Management	BSI112
		Six Sigma Green Belt	BSI113
		Information Security Management Systems	BSI114
3	ASET	Cyber and Information Security	IT425
		Concepts & Applications of IT	IT426
		Introduction to Java Programming	IT427
6.	AITEM	Data Analytics	TELE434
7	ASFT	Introduction to Textile Design	TEXT216
8.	ABS	Entrepreneurship General Awareness Camp	ENTR101
9.	ASPESS	Military Training Camp	PEDU101
		Basic Skills of Athletics	PEDU125

	Basic Skills of Badminton	PEDU131
	Basic Skills of Cricket	PEDU133
	Basic Skills of Football	PEDU134
	Basic Skills of Hockey	PEDU135
	Basic Skills of Tennis	PEDU141
	Basic Skills of Yoga	PEDU142
	Basic Skills of Volleyball	PEDU143
	Basics of Adapted Physical Education	PEDU323

Courses offered by Amity School of Business to other institutes:

2014-2015					
S.No.	Stream Name	Course Code	Course Name	Academic Session	Level
1	Finance and Financial Services	FIBA311	Personal Financial Planning[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
2	Marketing Management	MKTG721	Customer Relationship Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
3	Marketing Management	MKTG201	Managing Customer Relationships[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
4	Rural Management	RUR712	Rural Marketing[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
5	Human Resource	HR304	Compensation Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG

6	Human Resource	HR712	Compensation and Reward Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
7	Information Technology for Management	CSIT313	Programming with Microsoft VB[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
8	Marketing Management	MKTG732	International Strategic Marketing[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
9	Marketing Management	MKTG713	Advertising and Sales Promotion[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
10	Finance and Financial Services	FIBA733	Strategic Financial Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
11	Finance and Financial Services	FIBA704	Financial Engineering[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
12	Finance and Financial Services	FIBA714	International Trade Finance[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG

13	Human Resource	HR702	Performance Management System[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
14	Information Technology for Management	CSIT314	Object Oriented Programming with Java[L-2 ,T-0 ,P/S-2 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
15	Information Technology for Management	CSIT401	Web Database Programming with ASP[L-2 ,T-0 ,P/S-2 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
16	Marketing Management	MKTG734	Marketing of Financial Services[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
17	Finance and Financial Services	FIBA723	Private Equity and Venture Capital[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
18	Human Resource	HR711	International Human Resource Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
19	Human Resource	HR714	Strategic Human Resource Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG

20	Information Technology for Management	CSIT403	Java and Web Designing[L-2 ,T-0 ,P/S-2 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
21	Finance and Financial Services	FIBA703	Corporate Restructuring, Mergers and Acquisitions[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
22	Finance and Financial Services	FIBA724	Project Planning Appraisal and Control[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
23	Human Resource	HR611	Organization Change and Development[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
24	Human Resource	HR723	Managerial Counselling[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
25	Information Technology for Management	CSIT752	Information Security and Risk Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
26	Information Technology for Management	CSIT735	Enterprise Cloud Computing[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-0]	2014-2015	PG

27	Human Resource	HR701	Competency Mapping and Assessment[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	PG
28	Production and Operation Management	POM203	Fundamentals of Project Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
29	Production and Operation Management	POM202	Production and Operation Management for Smes[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
30	Entrepreneurship	ENTR303	Investment Planning for Entrepreneurs[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
31	International Business Management	IB202	Export Import Documentation and Logistics[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
32	Human Resource	HR201	Fundamentals of Human Resource Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
33	Entrepreneurship	ENTR302	Fundamentals of Family Business Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG

34	General Management	MGMT304	Ethics and Corporate Governance[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
35	Finance and Financial Services	FIBA305	Infrastructural Finance[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
36	Finance and Financial Services	FIBA304	Introduction to Indian Financial System[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
37	Accounting	ACCT502	Corporate Tax Planning[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
38	Banking,Services and Operations	INS203	Banking and Financial Institutions[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
39	Entrepreneurship	ENTR313	Change and Innovations Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
40	Finance and Financial Services	FIBA301	Advance Corporate Finance[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG

41	Entrepreneurship	ENTR312	Entrepreneurial Resource Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
42	Quantitative Applications in Management	QAM202	Research Methodology[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
43	Entrepreneurship	ENTR301	Fundamentals of Entrepreneurship[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2014-2015	UG
2015-2016					
S.No.	Stream Name	Course Code	Course Name	Academic Session	Level
1	International Business Management	IB303	Export Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
2	Finance and Financial Services	FIBA202	Financial Services[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
3	Human Resource	HR302	Human Resource Planning and Acquisition[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG

4	Production and Operation Management	POM202	Production and Operation Management for Smes[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
5	Entrepreneurship	ENTR303	Investment Planning for Entrepreneurs[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
6	International Business Management	IB202	Export Import Documentation and Logistics[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
7	Production and Operation Management	POM702	Supply Chain Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
8	Production and Operation Management	POM714	Total Quality Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
9	Information Technology for Management	CSIT613	IS and DSS in Business[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
10	Marketing Management	MKTG713	Advertising and Sales Promotion[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG

11	Finance and Financial Services	FIBA733	Strategic Financial Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
12	Human Resource	HR611	Organization Change and Development[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
13	General Management	MGMT705	Management in Action - Social Economic and Ethical Issues[L-4 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-4]	2015-2016	PG
14	Finance and Financial Services	FIBA724	Project Planning Appraisal and Control[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
15	Marketing Management	MKTG721	Customer Relationship Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	PG
16	Ph.D in Management	PHDM912	Advanced Supply Chain Management and Logistics[L-2 ,T-0 ,P/S-0 ,FW-4 ,SW-0 ,ArchStudio-0 ,CU-4]	2015-2016	Doctoral
17	Ph.D in Management	PHDM954	Advance Strategic Management[L-2 ,T-0 ,P/S-0 ,FW-4 ,SW-0 ,ArchStudio-0 ,CU-4]	2015-2016	Doctoral

18	Accounting	ACCT501	Advanced Management Accounting[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
19	Finance and Financial Services	FIBA305	Infrastructural Finance[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
20	Rural Management	RUR301	Fundamentals of Rural Marketing[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
21	Finance and Financial Services	FIBA311	Personal Financial Planning[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
22	General Management	MGMT304	Ethics and Corporate Governance[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
23	Entrepreneurship	ENTR302	Fundamentals of Family Business Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
24	Entrepreneurship	ENTR305	Fundamentals of Entrepreneurial Marketing[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG

25	Finance and Financial Services	FIBA304	Introduction to Indian Financial System[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
26	Entrepreneurship	ENTR312	Entrepreneurial Resource Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
27	Entrepreneurship	ENTR313	Change and Innovations Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2015-2016	UG
2016-2017					
S.No.	Stream Name	Course Code	Course Name	Academic Session	Level
1	International Business Management	IB303	Export Management[L-2 ,T-0 ,P/S-0 ,FW-0 ,SW-2 ,ArchStudio-0 ,CU-3]	2016-2017	UG
2	Finance and Financial Services	FIBA202	Financial Services[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	UG
3	Human Resource	HR302	Human Resource Planning and Acquisition[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	UG
4	Production and Operation Management	POM202	Production and Operation Management for Smes[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	UG

5	Entrepreneurship	ENTR303	Investment Planning for Entrepreneurs[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	UG
6	International Business Management	IB202	Export Import Documentation and Logistics[L-2 ,T-0 ,P/S-0 ,FW-0 ,SW-2 ,ArchStudio-0 ,CU-3]	2016-2017	UG
7	Production and Operation Management	POM702	Supply Chain Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
8	Production and Operation Management	POM714	Total Quality Management[L-2 ,T-1 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
9	Information Technology for Management	CSIT613	IS and DSS in Business[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
10	Marketing Management	MKTG713	Advertising and Sales Promotion[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
11	Finance and Financial Services	FIBA733	Strategic Financial Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG

12	Human Resource	HR611	Organization Change and Development[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
13	General Management	MGMT705	Management in Action - Social Economic and Ethical Issues[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-2 ,ArchStudio-0 ,CU-4]	2016-2017	PG
14	Finance and Financial Services	FIBA724	Project Planning Appraisal and Control[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
15	Marketing Management	MKTG721	Customer Relationship Management[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
16	Entrepreneurship	ENTR603	Creating and Leading Entrepreneurial Organization[L-3 ,T-0 ,P/S-0 ,FW-0 ,SW-0 ,ArchStudio-0 ,CU-3]	2016-2017	PG
17	Entrepreneurship	ENTR101	Entrepreneurship General Awareness Camp[L-0 ,T-0 ,P/S-0 ,FW-2 ,SW-0 ,ArchStudio-0 ,CU-1]	2016-2017	UG

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	8	3	3
Associate Professors	17	1	1
Asst. Professors	50	45	45
Others	0	0	0

11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response

ASB has a diverse faculty group in specialization areas of marketing, finance, human resource, economics, operations and information technology. In the entire group almost fifty four per cent of the faculties are doctorates. The faculties have a rich teaching experience and almost fifty two per cent of the faculties have a teaching experience of more than ten years. The faculty at Amity School of Business is actively involved in guiding research scholars at Doctoral level for creating a holistic learning environment.

#	Name	Qualification	Designation	Specialization	Experience	PhD / MPhil Guided
1	Dr J.K. Sharma	Ph.D	HOI	Operations Management	39	6
2	Prof. (Dr) S.K. Dubey VSM	Ph.D	Professor	Operations Research	46	2
3	Prof.(Dr)Gargi Bandyopadhyay	Ph.D	Professor	Economics		2
4	Dr Harjit Singh	Ph.D	Associate - Prof.	Finance	15	1
5	Ms Ruchi Khandelwal	MIB	Asst.Prof.- III	Marketing	13yrs 6 months	0
6	Mr Jitendra Tomar	MCA	Asst.Prof.- III	IT	18yrs	
7	Dr Priya Solomon	Ph.D	Asst.Prof.- III	Finance	25	1
8	Dr Ruchi Jain	Ph.D	Asst.Prof.- III	Marketing	17	2
9	Ms Mona Chaudhary	MBA	Asst.Prof.- III	Marketing	16	
10	Dr Amit Kumar Mishra	Ph.D	Asst.Prof.- III	Finance	13	2
11	Dr Supriya Jha	Ph.D	Asst.Prof.- III	Economics	11	0
12	Mr Arpan Sinha	MCA	Asst.Prof.- III	IT	13yrs 3 months	0
13	Mr Gaurav Shreekant	MA	Asst.Prof.- III	Economics	17yrs	0

14	Dr Deepa Kapoor	Ph.D	Asst.Prof.-III	Marketing	8yrs 2 months	1
15	Ms Divya Goel	Ph.D	Asst.Prof.-II	Human Resource management	12yrs 6 months	0
16	Dr Ashish Samarpit Noel	Ph.D	Asst.Prof.-II	Finance	13yrs 6 months	0
17	Ms Nidhi Gupta	MBA	Asst.Prof.-II	Marketing	11	0
18	Dr Swati Mittal	Ph.D	Asst.Prof.-II	Human Resource management	9yrs 3 months	0
19	Dr Jayashree Sapra	Ph.D	Asst.Prof.-II	Human Resource management	11yrs 3 months	0
20	Ms Urvashi Verma	M.Phil	Asst.Prof.-II	Finance	7yrs 2 months	0
21	Dr Ruchika Jeswal	Ph.D	Asst.Prof.-II	Marketing	13yrs	0
22	Ms Abhilasha Singh	MBA	Asst.Prof.-II	Marketing	9yrs 6months	0
23	Mr Rajesh Kumar Yadav	MCA	Asst.Prof.-II	IT	13yrs	0
24	Ms Deepali A Chopra	MBA	Asst.Prof.-II	Marketing	11yrs	0
25	Ms.Bhawana Gupta	M.Phil	Asst.Prof.-II	IT	18yrs 9 months	0
26	Ms Geetika Jain	MBA	Asst.Prof.-II	Marketing	8yrs	0
27	Dr Pratibha Garg	Ph.D	Asst.Prof.-II	Operations Research	13yrs 6 months	0
28	Ms Princy Agarwal	MBA	Asst.Prof.-I	Operations Research	8yrs 1 month	0
29	Ms Richa Manocha	MBA	Asst.Prof.-I	Human Resource management	9yrs 6 months	0
30	Dr Mitushi Singh	Ph.D	Asst.Prof.-I	Human Resource management	3yrs 5 months	0
31	Ms Ashima Ahuja	MBA	Asst.Prof.-I	Marketing	7yrs	0
32	Ms Aditi Batheja	MBA	Asst.Prof.-I	Marketing	5yrs	0
33	Dr. Shruti Rana	Ph.D	Asst.Prof.-I	Marketing	13yrs	0
34	Ms Soumya Pandey	M.Com	Asst.Prof.-I	Finance	3yrs 5 months	0
35	Dr Ruby Sengar	Ph.D	Asst.Prof.-I	Human Resource management	1year	0
36	Dr Kumar	Ph.D	Asst.Prof.-I	Marketing	3yrs	0

	Shalender					
37	Ms Rajshree Singh	MBA	Asst.Prof.	Marketing	4yrs	0
38	Dr Varsha Goyal	Ph.D	Asst Prof.	Marketing	4yrs 6 months	0
39	Mr Naman Sharma	Ph.D	Asst Prof.	Human Resource management	1 year 3 months	0
40	Dr Anushree Tandon	Ph.D	Asst Prof.	Marketing		0
41	Ms Ruchi Verma	M.Com	Teaching Asst.	Finance	3years	0
42	Ms Nishu Singla	MBA	Asst.Prof.-II	Finance		0
43	Ms Deepshikha Singh	MBA	Asst.Prof.-II	Human Resource Management	5 years	0
44	Ms Apeksha Hooda	MBA	Asst.Prof.-I	Operations research	5 years	0
45	Ms Manita Matharu	M.Phil	Asst.Prof.-I	Marketing	8yrs 6 months	0
46	Dr Deepti Aggrawal	Ph.D	Asst.Prof.-I	Operations research	3yrs 1 month	0
47	Ms Kushi Sharma	MBA	Asst.Prof.-II	Human Resource Management	12yrs	0
48	Ms Geetanjali Gulati	MBA	Asst.Prof.-II	Marketing	6yrs 7months	0
49	Mr. Prabudh Mishra	B2 in French	Asst.Prof.-I	French	8 Years	0
50	Ms. Anupama Pathak	N3 in Japanese	Asst.Prof.-I	Japanese	8 Years	0
51	Ms. Sunita Arora	M.A. in French, Pursuing M. Phil	Asst.Prof.-I	French	5 Years	0
52	Ms Akhil Bharti	M.A. in Spanish	Asst.Prof.-I	Spanish	7 years	0

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

1. Dr. K. M. Upadhyay- Emeritus Faculty, Jamia Millia Islamia, Central University New

- Delhi
2. Dr. Y. P. Singh-Emeritus Faculty, Department of Commerce, Faculty of Commerce & Business, Delhi School of Economics
 3. Ms. Shashie Singh- Joint Director Industries, Directorate of Industries U. P. Kanpur-Visiting faculty

13. Percentage of classes taken by temporary faculty – programme-wise information

Response

Program	Percentage of classes taken by temporary faculty
Bachelor of Business Administration (General)	4%
BBA(Finance and Accounts)	4%
BBA(Marketing and Sales)	Nil
BBA(Family Business Entrepreneurship)	Nil
BBA+MBA(Dual Degree)	2%

14. Program-wise Student Teacher Ratio

Response

#	Program	Student Teacher Ratio
1	Bachelor of Business Administration (General)	20:1
2	BBA BBA(Marketing and Sales)	20:1
3	BBA(Finance and Accounts)	20:1
4	BBA(Family Business Entrepreneurship)	20:1
5	(BBA+MBA) Dual Degree	20:1
6	Ph. D.(Doctor of Philosophy)	8/23

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
Response

Non Teaching Staff	Sanctioned	Filled	Actual
Academic support staff	12	12	12
Academic support staff (technical)	Nil	Nil	Nil
administrative staff	Nil	Nil	Nil

16. Research thrust areas as recognized by major funding agencies

Response

Following areas have been identified where ASB faculty are competent of undertaking research projects

- Business Process Re-engineering (Operations Research)
- International Marketing (Marketing)
- Monetary Economics (Economics)
- Emerging Technological Trends in Marketing (IT and Marketing)
- Capital Market (Finance)
- Entrepreneurship Development (Entrepreneurship)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil

18. Inter-institutional collaborative projects and associated grants received: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil

20. Research facility / centre with

Response

Amity Directorate of Management & Allied Areas (ADMAA) comes up with number of International, Refereed, Bi-Annual Journals in the area of Management and Allied Studies. It provides a good platform to faculty members to contribute their scholarly papers in these journals.

ADMAA encourage and motivate faculty members to excel in their research pursuits by constituting a bi-annual “**ADMAA Research Award**” to be given in January and July of every year.

21. **Special research laboratories sponsored by / created by industry or corporate bodies :**

Response

Institution computer lab is used for research purposes

22. **Publications:**

Response

The faculty is encouraged to participate in national and international workshops, conferences and seminars. In the year 2013-14, faculty members have attended over 46 conferences and in 2014-15, 23 conferences have been attended. Publication in peer-reviewed journals for 2013-14 is 40 and for 2014-15 are 67. Books and research papers published by faculty members during last five years are as shown below:

Description	Number / Detail
Research papers published in peer reviewed journals (national / international)	105
Monographs	-
Chapters in Books	1
Edited Books	1
Books with ISBN number	22
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	63
Citation Index – range / average	14
SNIP (Source Normalized : Impact per Person)	
SJR (Scimago Journal Rank)	-
Impact Factor – range / average	-
h-index	-

23. **Details of patents and income generated : Nil**

24. **Areas of consultancy and income generated : Nil**

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Response

- Faculties from ASB have been visiting Amity Campuses at London, Singapore, Dubai for International exposure.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1	Ms. Ashima Ahuja	Assistant Professor- I	SAP Singapore	International
2	Ms. Princy Agarwal	Assistant Professor- I	SAP Dubai	International
3	Ms. Geetanjali Gulati	Assistant Professor- II	SAP Dubai	International
4	Dr. Ashish S. Noel	Assistant Professor- II	SAP London	International
5	Dr. Ruchi Jain	Assistant Professor- III	SAP London	International

26 **Faculty serving in**

Response

Amity School of Business faculties are involved in the editorial board of different national and international journals.

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
a	National committees	Dr. J.K. Sharma,	Prof.	Operational Research Society of India	Life term
b	Editorial Boards	Dr. J.K. Sharma, Dr. Harjeet Singh	Prof., Associate Prof.	Editor	Member of 3 Editorial Board, 1 year for 2 issue
c	International committees	--	--	--	--

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response

The institution conducts various Faculty Development Programs, Seminars and Workshops to improve the teaching and learning of the faculty members. The faculties are nominated to attend various workshops by external bodies like The Indus Entrepreneurs (TiE), Delhi Management Association (DMA), Indian Chartered Accountants Association of India (ICAI), National Human Resource Development Network (NHRDN) for connecting to the industry. University conducts orientation programs for each newly joined faculty to make them familiar with the university rules and regulations.

#		Organised	Attended
a	Refresher	0	0
b	Orientation programs	0	23
c	Workshops	6	2
d	Training programs	0	26
e	Similar programs (please specify)	0	0

28. Student projects :

Response

The students have to undergo many compulsory NTCC for which they can decide upon the topics in consultation with the guide allotted to them. The academic philosophy of Amity University revolves around student centric learning, which takes into consideration their varied learning needs and significantly accelerates their retention of both knowledge and skills. Non-Teaching Credit Courses (NTCC) have proved to be great tools to achieve the objectives of student-centric learning. The NTCC provides an opportunity to students to demonstrate the ability to devise, select and use a range of methodologies and tools to the chosen / given project, applying the theoretical knowledge to a real life situation. The learning process in the NTCC seeks out and focuses attention on many latent attributes, which do not surface in the normal classroom situations

Percentage of students who have done in-house projects including inter-departmental projects	100 percent
Percentage of students doing projects in collaboration with other universities / industry / institute	100 percent

29. Awards / recognitions received at the national and international level:

Response

Two Faculties of ASB were awarded best research paper award at 10th National Conference at AIMA. One faculty member was awarded ‘ best research paper award’

Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
Dr. Divya Goel	A.P.-II	Best Research Paper Award	29/03/2016	National
Dr. Mitushi Singh	A.P.-I	Best Research Paper Award	29/03/2016	National
Ms. Rajshree Singh	A.P.- I	Best Researcher Award- ASB	-	University Level

Four of the students of ASB qualified and stood 6th position for his participation in CIMA Global Business Challenge.

Three students won first prize in Business Plan Competition organized by Embassy of Sweden

Student's Name	Programme Name	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
Simranjit Saluja and Ms. Anoushka, Mr. Sankalp Singh	BBA(G)	Qualified for National Final in Mumbai for Global Business Challenge CIMA, 6th Position.	21/06/2015	International
Ms. Simran Sabharwal	BBA+MBA (DUAL)	Qualified for National Final in Mumbai for Global Business Challenge CIMA, 6th Position.	21/06/2015	International
Mr. Aditya Pal Singh, Mr. Umang Poddar and Mr. Vidur Sachdeva	BBA(G)	Won first prize in Business Plan Competition organized by Embassy of Sweden.	2013	International

- Received by Doctoral / Post- doctoral fellows: N.A.

30. **Seminars / Conferences / Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any.**

Response

Amity School of Business has conducted following National Seminars in past four years

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International
1.	Emerging Paradigms in Capital Markets and Investor Awareness	Seminar	Amity University	National
2.	India's Economic Health- Major Issues	Seminar	Amity University	National
3.	Corporate Sustainable Development: Reshaping our "Common" future	Seminar	Amity University	National

31. **Code of ethics for research followed by the departments**

Response

The student handbook provides information on academics at Amity, conduct of examination and scheme of evaluation, ethics and code of conduct, and students support services. Every report has to be written by the student and it is mandatory that every project report shall be checked for plagiarism through turn tin or similar software. The plagiarism report should not return similarity index of more than 15% under any circumstances.

32. **Student profile programme-wise:**

Response

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Bachelor of Business Administration(General)	3099	1214	640	85%	89%
BBA (Finance &Accounts)	254	57	58	100%	100%
BBA (Family Business Management)	208	114	22	100%	100%
BBA (Marketing and Sales)	367	176	49	88%	72%

BBA+MBA (DUAL)	265	78	56	100%	100%
DBA (Diploma in Business Administration)	10	4	-	100%	-

33. Diversity of students

Response

From 2012 to 2016

Name Of Programme	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
Bachelor of Business Administration (General)	NA	29.88	69.12	1.00
BBA (Finance &Accounts)	NA	19.44	76.98	3.58
BBA (Family Business Management)	NA	25.11	74.89	0
BBA (Marketing and Sales)	NA	21.02	76.27	2.71
BBA+MBA (DUAL)	NA	26.78	71.86	1.40

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response

Cleared Examinations	Number of students
Civil Services	None
Defence Services	01
NET	01
SET	None
GATE	N.A
Other competitive examinations (please specify)	None

- (a) CDS (Combined Defence Services) Exam cleared by Mr. Dhruv Pratap Singh; (b) NET (JRF): Nakul Prameshwaran

35. Student progression

Response

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	76%	79%	89%	85%	awaited
PG to M.Phil.	None	None	None	None	None
PG to Ph.D.	None	None	22%	2.5%	None
Employed					
<input type="checkbox"/> Campus selection	87.2%	86%	85.5%	79%	78%
<input type="checkbox"/> Other than campus recruitment					
Entrepreneurs	12.8%	14%	14.5%	21%	22%

36. Diversity of staff

Response

Amity School of Business while recruiting faculties keeps diversity in its mind. The current faculty comprises of a blend of diversity as seen by the different geographic mix. The faculty representation is from states of UP, Haryana, MP, Delhi, Maharashtra, Bihar, Uttarakhand, Punjab, Kerala and Rajasthan. This diversity supports the ecosystem of the institute. Thus bringing in varied cultural values and ethos.

At Amity School of Business there are faculties from various cultural backgrounds. Faculties have educational experience from public and private universities of different states.

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
Of the same university	2%	2%	2%	2%	2%
From other universities within the State	38%	34%	34%	38%	38%
From universities from other States from	60%	64%	64%	60%	60%
Universities outside the country	0%	0%	0%	0%	0%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response

Following faculties were awarded Ph.D Degrees during assessment period

2012	2013	2014	2015	2016
02	01	03	03	05
1.Dr. Mitushi	1.Prof. S. Dr. K.	1. Dr. Swati	1. Dr. Ruby	1. Dr. Ruchika Jeswal

Singh 2. Dr. Pratibha Garg	Dubey(VSM)	Mittal 2. Dr. Ashish Samarpit Noel 3. Dr. Arun Kumar	Sengar 2. Dr. Shruti Rana 3. Dr. Kumar Shalender	2. Dr. Divya Goel 3. Dr. Naman Sharma 4. Dr. Jayashree Sapra 5. Dr. Anushree Tandon
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38. Present details of departmental infrastructural facilities with regard to

Response

Library	The Institution has access to AUUP's Central library which is stocked with books, periodicals, national and international journals. The University Central Library has over 17,000 online journals. Some of the online resources are Ebsco Host, UGC-Infonet, INDEST-AICTE, IS1 and Delnet.
Internet facilities for staff and students	Internet facilities for staff and students: The university provides LAN and wi-fi facilities to its staff and students 24 x 7. Each faculty cabin/ office/ class rooms are provided with LAN and Wi-fi connection.
Total number of class rooms	20 (Twenty)
Class rooms with ICT facility	20 (Twenty)
Students' laboratories	01
Research laboratories	01

39. **List of doctoral, post-doctoral students and Research Associates**

Response

Following students are enrolled at ASB for Ph.D

From the host institution/university	04
From other institutions/universities	04

#	Name of Scholar	Enrollment No.	Batch
1.	Ms. Urvashi Varma	A3930312001	August 2012-15
2.	Ms. Geetanjali Bhandari	A0130314020	January 2014-17
3.	Ms. Manita Matharu	A0130314014	January 2014-17
4.	Ms. Supriya Bhasin,	A0130314048 (AGBS Chandigarh)	July 2014-17
5.	Mr. Pritam Chattopadhyay	A0130315014 (AGBS Pune),	January 2015-2018
6.	Ms. Jyoti Gupta	A0130315016	January 2015-2018
7	Mr. Atul Narain	A0130315052	July 2015-2018
8	Mr. Punit Kumar Khare	A0130315061	July 2015-2018

40. **Number of post graduate students getting financial assistance from the university.**

Response

Amity University offers a variety of scholarships to the meritorious students. The scholarship is in the form of financial aid. Following are the types of scholarships offered to the Amity Students:

- Admission Merit Scholarship
- Admission Sports Scholarship
- Merit Scholarship during the programme.
- Merit-cum-means (MCM) Scholarship
- Special Scholarship
- Other Scholarships

Types of scholarship	2012	2013	2014	2015
Dr. Ashok K Chauhan Scholarship	3	4	18	56
On Admission merit Scholarship	9	22	57	37
Continuation of on admission scholarship	4	11	19	32
Merit scholarship during the program	11	10	9	10
Merit cum means scholarship	0	0	0	0
Merit Certificate	0	3	3	4
Total	27	50	106	139

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response

- a) Ph. D. Program has been started in 2012. ASB runs a PG course (BBA+MBA), therefore faculty members of ASB realised that there is a need to have a research program also.
- b) BBA (Family Business Management) has been renamed as BBA (Family Business and Entrepreneurship) to include aspects of entrepreneurship and start-ups. The syllabus of this course was more focussed towards Entrepreneurship and family business. Also as per the on-going campaign of make in India and start-up, this change was highly desirable. Feedback were taken from all the stakeholders and on the basis of this HOI recommended for change in the nomenclature.
- c) No new programme was introduced in 2015-2016 session.

42. **Does the department obtain feedback from**
Response

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Feedback from faculty is taken in Course Review Committee of respective Streams like marketing, finance, human resource, operations, and information technology for curriculum upgradation and enrichment. After making necessary changes industry and academic experts feedback is obtained and proposed in Area Advisory Meetings and Board of Studies.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Department obtains feedback from students on AMIZONE which is used by faculties for self-assessment, course assessment, teaching-learning evaluation, teaching pedagogy assessment
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Department obtains feedback from alumni and employers on the various programmes in the process of Area Advisory Meetings and Board of Studies which is then utilized for curriculum upgradation and enrichment.

43. **List the distinguished alumni of the department (maximum 10)**

Response

ASB has produced leaders, entrepreneurs, social entrepreneurs, artists and managers. ASB creates and maintains lifelong connection between the institute and its alumni.

Alumni network is robust, diverse and globally connected.

#	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
4.	Mr. Saurabh Chopra	BBA	2003	Kimberly Clark	Regional Manager
5.	Ms. Anshu Singh	BBA	2003	Exide Insurance	General Manager
6.	Ms. Aparna Sharma	BBA	2003	Star	General Manager
7.	Mr. Sudhanshu Gupta	BBA	2010	HCL Technologies	Senior Business Analyst
8.	Mr. Vikky Agarwal	IMBA	2011	EXL	Senior Executive
9.	Nishant Jayaswal	BBA	2011	Wieden + Kennedy	Interactive Planner
10.	Ms. Shruti Chandra	IMBA	2011	Oracle	Senior Project Accounting Analyst
11.	Mr. Arjun Rajendran	BBA- M&S	2012	HCL Technologies	Project Associate
12.	Mr. Vipul Jakhodia	IMBA	2012	Kamdhenu Sariya	Owner
13.	Ms. Namrata Panigrahi	BBA	2013	Tarun Tihlani	Project Associate
14.	Ms. Shweta Sisodia	BBA+MBA (DUAL)	2013	OpenXcell Technolabs Pvt. Ltd	Marketing Expert
15.	Vidur Sachdeva	BBA	2013	Accenture	Associate - Global Business Excellence

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response

Number of Student enrichment programmes (special lectures / workshops / seminar) involving external experts.conducted are detailed below;

2012	2013	2014	2015	2016
01	0	03	05	02

Activity name & Type of activity is as under;

Activity Type	Activity Name	Date
Exhibition	Exhibition of Innovations at Rashtrapati Bhavan, New Delhi during	12-19 March, 2016.
Special lectures	E-Colloque 2016	March 31, 2016-April 1, 2016
Workshop	Emerging Paradigms in Capital Markets and Investor Awareness	October 20, 2015
Seminar	India's Economic Health: Major Issues	April 09, 2015
Guest Lecture	Mr Preetesh Chouhan-Vdopia Ad Tech solutions	17 th July, 2015
Guest Lecture	Mr Shobhit Agarwal- My City Way labs India	20 th August, 2015
Guest Lecture	Mr Siddarth Sharma-Success Monks	18 th March, 2015
Guest Lecture	Mr Rajendra Suyal-MulhionEnterprise	22nd September 2014
Guest Lecture	Ms. Akanksha Pokhriyal - Drishti Strategic Research Services Pvt. Ltd.	17th Oct, 2014
Guest Lecture	Mr Ashutosh Kumar Jha-Oriental Bank of Commerce	17th July., 2014
Seminar	Corporate Sustainable Development: Reshaping our "Common" future	9 th February to 10 th February, 2012

45. **List the teaching methods adopted by the faculty for different programmes.**

Response

Faculties at Amity School of Business adopt various pedagogy, training and nurturing processes to engage students in activities that will enable them to acquire the knowledge, skills values and attitudes.

- 1 Lecture Method
- 2 Case Study Method
- 3 Power Point Presentations
- 4 Group Discussions
- 5 Role Play
- 6 Learning Management System(LMS)
- 7 Flipped Classroom

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response

The objectives are set at course level as well as program level. These objectives are translated into measurable outcomes which are measured through direct and indirect tools. For example;

Programme Name – BBA

Programme Learning Outcomes- Demonstrate a strong base of general management and build strong pillars over it in a particular area of specialization (Marketing, Finance, I.T., H.R.M, and Entrepreneurship). Develop an ability to integrate knowledge of one area into other and understand management as a comprehensive concept.

Direct Measure -Comprehensive Exam

Indirect Measures- Exit Survey

47. **Highlight the participation of students and faculty in extension activities.**

Response

At Amity School of Business the faculty and students actively participates in lot of events and extension activities at university level.

Participation of faculty members in extension activities:

#	Name of Faculty member	Designation	Details of Extension Activity done by faculty member		Role of Faculty member
			Date of Project / Activity	Total number of hours volunteered	
1	Ms. Richa Manocha	AP-II	Outreach Program under Human Values	30 hrs.	Faculty Coordinator
2	Ms. Nidhi Gupta	AP-II	B Plan Competition (24/09/2015-25/09/2015) E-week (13/10/2015)	6 hrs.	Organisation of event, Judgement of event activities
3	Ms. Urvashi Varma	AP-II	Entrepreneurship Awareness Camp	18 Hours	Faculty Resource and Coordinator
4	Dr. Varsha Goyal	AP	Entrepreneurship Awareness Camp	18 Hours	Faculty Resource and Coordinator
5	Dr. Kumar Shalender	AP	Entrepreneurship Awareness Camp	18 Hours	Faculty Resource and Coordinator
6	Ms. Nidhi Gupta	AP-II	Entrepreneurship Awareness Camp	18 Hours	Faculty Resource and Coordinator

Participation of students in extension activities:

Name of Student	Prog. Name	Details of Extension Activity done by Student			Role of Student
		Date of Project / Activity	Location	Hours volunteered	
Iqra Baig	BBA+MBA	Outreach Program under Human Values	NGO	40 hrs.	Student Coordinator
Rohit Shah	BBA+MBA	Outreach Program under Human	NGO	30 hrs.	Participant

		Values			
Devaansh Bhargava	BBA	B Plan Competition (24/09/2015-25/09/2015) E-week (13/10/2015)	J-1 block	2 hrs.	Participant
Aishwarya Agarwal	BBA	B Plan Competition (24/09/2015-25/09/2015) E-week (13/10/2015)	J-1 block	3hrs.	Participant
Anoushka Singh	BBA	B Plan Competition (24/09/2015-25/09/2015) E-week (13/10/2015)	J-1 block	3hrs.	

48. Give details of “beyond syllabus scholarly activities” of the department.

Response

All details are of “beyond syllabus scholarly activities” of the department are attached as Annexure -1

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response

Amity School of Business already Accredited by following agencies

S.No	Accreditation organisation	Status
1	Accreditation Council for Business Schools and Programs (ACBSP)	Achieved
2.	Assembly for Collegiate Business Education (IACBE)	Achieved
3.	Western Association of Schools and Colleges (WASC)	Achieved
4.	NAAC	Achieved

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response

- Faculties are involved in Course curriculum review and development.
- Monthly Knowledge Sharing programmes are being held where two faculties present their research paper or any other latest topic or news of their respective area.
- Faculty has published various articles/ case studies/ research papers in various National and International Journals

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response

#	Strengths
1	Well qualified faculty members
2	Diverse programs like BBA, BBA (Marketing and Sales), BBA(Finance and Accounts),BBA (Family Business Management), BBA+MBA (DUAL)
3	Internationalisation by offering study abroad programme and student exchange program
4	Choice Based Credit System fully implemented and strong curriculum.
5	Very active and strong Academic Industry Interface.
#	Weakness
1	Faculty Research competency can be enhanced.
2	More Projects for the department.
3	Latest software for the computer Lab.
4	Industry exposure to the students can be improved.
#	Opportunities
1	Increase in Youth population and demand for higher educational institutions
2	Improving the employability of students at UG level through continuous improvement.
3	Intellectual capital enhancement by promoting research, curriculum review, FDPs and Internships among faculty.
4	Students to be motivated to start their entrepreneurial ventures
5	Collaboration with International Institutions.
#	Challenges
1	Competitors: Colleges/ Universities offering BBA programme is increasing.
2	Fees structure of government universities is lower.
3	Student placements in terms of profile of companies, number of companies visiting campus and salary packages at UG level
4	In rapid changing business environment updating student knowledge to improve their employability.
5	With rapid changes in business scenario it is challenging for faculty to consistently upgrade themselves

52. **Future plans of the department.**

Response

- The department has planned to conduct seminars, workshop and conference in order to expose the faculty and students to contemporary issues in management and industry.
- The faculty members currently not pursuing their Ph.D. will be encouraged to register for the same.
- The institute will initiate to develop network with other departments and institutes through conduct of various club committee meetings, seminars, workshops and conference.

Evaluative Report (Amity International Business School)

1. Name of the Department

Response

The name of the Institution is Amity International Business School (AIBS).

2. Year of establishment

Response

Known as 'Centre of International Business' since its inception in 1998 it got integrated with Amity University as Amity International Business School in 2005.

3. Is the Institution / Department is part of a School/Faculty of the university?

Response

Yes, AIBS is part of Faculty of Management Studies of the university.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Response

The Institute offers the following programmes:

UG Programmes

- (a) Bachelor of Business Administration (International Business)
- (b) 3 Continent Bachelor of Business Administration
- (c) 3 Continent Bachelor of Business Administration (International Business) Evening
- (d) 3 Continent Bachelor of Business Administration+ 3 Continent Master of Business Administration MBA (International Business) Dual

PG Programmes

- (a) Master of Business Administration (International Business)
- (b) 3 Continent Master of Business Administration
- (c) Master of Business Administration (International Business) Evening

PhD Programmes

- (a) Doctorate of Philosophy (Management)
- (b) Doctorate of Philosophy (Management) Part Time

5. Interdisciplinary programmes and departments involved : Nil

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Response

AIBS has tie ups with the following internationally renowned Universities:-

- (i) Purdue University –MBA,BBA;
- (ii) University Of Northampton, U.K – MBA, B.A(Hons.) International Business, B.A (Hons.) - Business Studies (BBA) ;
- (iii) Deakin University, Australia - BBA (BA- Hons. Business Studies);
- (iv) University Of Queensland, Australia - Bachelor of Business Management (BBM);
- (v) Curtin University, Australia - Bachelor of Business Administration (BBA);
- (vi) California State University, San Bernardino, California, US -3C MBA,3C BBA
- (vii) Amity Global School, London , UK-3C MBA,3C BBA
- (viii) British Standards Institute (BSI) –BSI in collaboration with AUUP offers a number of courses under the category of AUBSI courses. List of such courses is as under:-
 - BSI101 - Energy Management Systems
 - BSI102 - It Service Management Systems
 - BSI103 - Risk Management
 - BSI104 - Lean Management
 - BSI105 - Food Safety Management Systems
 - BSI111 - Occupational Health and Safety Management Systems
 - BSI112 - Business Continuity Management
 - BSI113 - Six Sigma Green Belt
 - BSI114 - Information Security Management Systems
 - BSI115 - Environmental Management Systems
 - BSI121 - Quality Management Systems

7. **Details of programmes discontinued, if any, with reasons**

Response

No programme has been discontinued.

8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System**

Response

The Institution follows Semester System and Choice Based Credit System.

9. **Participation of the department in the courses offered by other departments / institutions**

Response

Amity University offers Choice Based Credit System (CBCS), students are encouraged to choose courses under Open/Domain/Outdoor Activity Based Course etc., which are offered by other department / institution of Amity University, Noida.

The details where students have attended the courses in other departments are as indicated above as per courses opted under open/domain electives offered by other institutes are given below:

#	Department /Institution Name	Course Name
1	ASFA	ANIM101 - Character Design for Animation Offered By ASFA
2	ASFA	ART101 - Illustration Design Offered By ASFA
3	ASFA	ART102 - Poster Designing Offered By ASFA
4	ASFA	PNTG122 - Basic Painting Techniques Offered By ASFA
5	AIB	BIOT103 - Essence of Life Offered By AIB
6	AIB	BIOT215 - Study of Epidemiology Offered By AIB
7	AIB	BIOT223 - Basics of Cancer Offered By AIB
8	AIB	BIOT224 - Organic Composting and Mushroom Cultivation Offered By AIB
9	ASB	FIBA301 - Advance Corporate Finance Offered By ASB
10	ASB	FIBA304 - Introduction to Indian Financial System Offered By ASB
11	ASB	INS203 - Banking and Financial Institutions Offered By ASB
12	ASB	ACCT502 - Corporate Tax Planning Offered By ASB
13	AICISM	CI101 - Fundamentals of Competitive Intelligence Offered By AICISM
14	AICISM	POM733 - Virtual Enterprise Management Offered By AICISM
15	AICISM	CI602 - Fundamentals of Competitive Intelligence and Applications Offered By AICISM
16	AICISM	CI711 - Business Wargaming and Scenario Planning- II Offered By AICISM
17	AICISM	STRA703 - Sustainability Strategies Offered By AICISM
18	ASET	IT723 - Information Security Policies in Industries Offered By ASET
19	ASET	IT724 - ICT and Sustainable Development Offered By ASET
20	ASET	ECE315 - Multimedia Applications Offered By

		ASET
21	ASET	ECE321 - Consumer Electronics Offered By ASET
22	ASET	ECE322 - Principles of Communication Engineering Offered By ASET
23	ASET	CSIT301 - Web Technologies and Applications Offered By ASET
24	ASET	ECE315 - Multimedia Applications Offered By ASET
25	ASET	ECE321 - Consumer Electronics Offered By ASET
26	ASET	ECE322 - Principles of Communication Engineering Offered By ASET
27	ASET	ECE323 - Home Health Monitor Appliances Offered By ASET
28	ASET	ES203 - Object Oriented Programming Using C++ Offered By ASET
29	ASET	IT201 - Java Programming Offered By ASET
30	ASET	IT304 - IT Infrastructure Management Offered By ASET
31	ASET	IT412 - E-commerce and ERP Offered By ASET
32	ASET	IT423 - Introduction to Cloud Computing Offered By ASET
33	ASET	IT425 - Cyber and Information Security Offered By ASET
34	ASET	IT427 - Introduction to Java Programming Offered By ASET
35	ASET	ECE321 - Consumer Electronics Offered By ASET
36	ASET	ECE322 - Principles of Communication Engineering Offered By ASET
37	ASET	ECE323 - Home Health Monitor Appliances Offered By ASET
38	ASET	IT201 - Java Programming Offered By ASET
39	ASET	IT412 - E-commerce and ERP Offered By ASET
40	ASET	IT425 - Cyber and Information Security Offered By ASET
41	ASET	IT622 - Software Applications for ERP Offered By ASET
42	ASET	IT622 - Software Applications for ERP Offered By ASET

43	ASET	ECE323 - Home Health Monitor Appliances Offered By ASET
44	AIESR	ENGL324 - American Novel Offered By AIESR
45	AIESR	ENGL332 - Advanced Creative Writing in English Offered By AIESR
46	AIESR	ENGL713 - Indian Literature in Translation Offered By AIESR
47	AIESR	ENGL715 - Preparing for Placement (Transition From Campus to Corporate) Offered By AIESR
48	AIESR	ENGL314 - Creative Writing in English Offered By AIESR
49	ASE	ECON131 - Micro Economics- I Offered By ASE
50	ASE	ECON122 - Principles of Economics Offered By ASE
51	ASFT	FASH222 - Fashion Sketching Offered By ASFT
52	ASFT	FASH223 - Color Theory Offered By ASFT
53	ASFT	FASH336 - Introduction to Embroidery Offered By ASFT
54	ASFT	TEXT106 - Textiles for Beginners Offered By ASFT
55	ASFT	TEXT216 - Introduction to Textile Design Offered By ASFT
56	ASFT	TEXT314 - Innovative Surface Designing for Textiles Offered By ASFT
57	ASFT	FASH321 - Introduction to Sewing Techniques Offered By ASFT
58	ASFT	FASH332 - The Art of Window Display Offered By ASFT
59	ASFT	FASH336 - Introduction to Embroidery Offered By ASFT
60	ASFT	FASH124 - Introduction to Fashion Concepts Offered By ASFT
61	ASFT	FASH733 - Fashion and Luxury Brand Management Offered By ASFT
62	ASFT	FASH736 - Basics of Sewing Offered By ASFT
63	ASCO	VCOM202 - Photography for Beginners Offered By ASCO

64	ASCO	JMC104 - Basics of Anchoring for Radio and TV Offered By ASCO
65	ASCO	EM301 - Fundamentals of Event Management Offered By ASCO
66	ASCO	JMC103 - Basics of Print Media Offered By ASCO
67	ASCO	SS301 - Women and Social Work Offered By ASCO
68	ASPA	PA101 - Kathak-I Offered By ASPA
69	ASPA	PA102 - Bharatnatyam-I Offered By ASPA
70	ASPA	PA103 - Odissi-I Offered By ASPA
71	ASPA	PA104 - Kuchipudi-I Offered By ASPA
72	ASPA	PA105 - Sitar-I Offered By ASPA
73	ASPA	PA106 - Guitar-I Offered By ASPA
74	ASPA	PA107 - Tabla-I Offered By ASPA
75	ASPA	PA108 - Synthesizer-I Offered By ASPA
76	ASPA	PA109 - Vocal -I Offered By ASPA
77	ASH	HOSM705 - Restaurant Operation Offered By ASH
78	ASH	HOSM315 - Hospitality Management Offered By ASH
79	ASH	HOSM705 - Restaurant Operation Offered By ASH
80	ASH	HOSM606 - Fundamentals of International Cuisine Offered By ASH
81	ASH	HOSM801 - Guest Service Management Offered By ASH
82	ASPESS	PEDU132 - Basic Skills of Basketball
83	ASPESS	PEDU156 - Chess Basics
84	ASPESS	PEDU125 - Basic Skills of Athletics
85	ASPESS	PEDU131 - Basic Skills of Badminton
86	ASPESS	PEDU132 - Basic Skills of Basketball
87	ASPESS	PEDU133 - Basic Skills of Cricket
88	ASPESS	PEDU134 - Basic Skills of Football
89	ASPESS	PEDU135 - Basic Skills of Hockey
90	ASPESS	PEDU141 - Basic Skills of Tennis
91	ASPESS	PEDU142 - Basic Skills of Yoga
92	ASPESS	PEDU143 - Basic Skills of Volleyball
93	AIPS	PSYC311 - Psychology of Ageing Offered By AIPS
94	AIPS	PSYC341 - Introduction to Industrial Relations Offered By AIPS

95	AIPS	PSYC344 - Human Skills Development Issues and Challenges Offered By AIPS
96	AIPS	PSYC711 - Psychology of Human Strength Offered By AIPS
97	AIPS	PSYC764 - Occupational Stress Management Offered By AIPS
98	AIPS	PSYC783 - Workplace Counselling for High Performance Offered By AIPS
99	AIPS	PSYC355 - Psychology of Caregivers Offered By AIPS
100	ABS	ENTR731 - Managing Creativity and Building Learning Organizations Offered By ABS
101	ABS	ENTR734 - Corporate Crisis and Strategic Restructuring Offered By ABS
102	ABS	ENTR604 - Small Business Management Offered By ABS
103	ABS	ENTR611 - Mentored Study in Entrepreneurship Offered By ABS
104	ABS	ENTR722 - Managing a Growing Business Offered By ABS
105	ABS	ENTR723 - Corporate Entrepreneurship Offered By ABS [
106	AIIT	CSIT765 - E-commerce and It's Applications Offered By AIIT
107	AITT	TTA313 - Sustainable and Eco Tourism Offered By AITT
108	AITT	TTA332 - Introduction to Cargo Management Offered By AITT
109	AITT	TTA601 - Cargo Management Offered By AITT
110	AITT	TTA606 - Destination Planning and Management Offered By AITT
111	AITT	TTA704 - E-commerce in Tourism Business Offered By AITT
112	AIAS	MATH305 - Linear Programming and Game Theory Offered By AIAS
113	AIHA	HOSP605 - Patient Relationship Management Offered By AIHA
114	AIAS	MATH722 - Fuzzy Sets and their Applications Offered By AIAS
115	AITEM	TELE434 - Data Analytics Offered By AITEM

116	AUUP	ENTR101 - Entrepreneurship General Awareness Camp
117	AUUP	PEDU101 - Military Training Camp
118	AUUP	PEDU102 - Amity Cadet Corps

Courses offered by Amity International Business School for other institutions as domain/open subjects

1	AIBS	IB203 Comparative International Management[
2	AIBS	IB202 Export Import Documentation and Logistics
3	AIBS	IB713 Wto and International Regulatory Environment
4	AIBS	IB721 Managing Business in Emerging Markets
5	AIBS	IB708 Sources of Global Trade Data and its Analysis
6	AIBS	HR733 Leadership and Motivation in Organization
7	AIBS	CSIT303 Software Project Design and Analysis
8	AIBS	HR711 International Human Resource Management
9	AIBS	CSIT723 E - Business and Trade
10	AIBS	CSIT733 Web Enabled Business Process
11	AIBS	IB706 SPSS for Global Managers
12	AIBS	CSIT714 Business Intelligence and Data Analytics

The Choice based credit system enables a student from the institution to choose as part of one's Academic Planning Worksheet a subject from the Management domain (domain elective) or a subject from any other institute (open elective) in the University .

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response

The posts sanctioned by the University are based on the number of planning figures i.e., the intake sanctioned by the University of the various programmes in an institute. As part of planning activity done well before the start of the academic year the shortfall is met by promoting faculty from within the University as well as from outside.

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	6	7	7
Associate Professors	12	7	7
Asst. Professors	30	35	35
Others	Nil	Nil	Nil

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response

To give the best of teaching to the students it is ensured the institution has a mix of faculty members who have past experience in teaching and others who have industry/corporate experience and have done extensive research in their respective fields.

List of Faculty Members presently on strength of the institute :

Sr. No.	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil students guided for the last 4 years
1.	Singh, Gurinder	Ph.D.	Amity Addl. Group V C, AUUP & Director General, AIBS	International Business	18	4
2.	Arora, Nitin	Ph. D.	Professor	Human Resource Management	13	NA
3.	Choudhary, Debashish	Masters	Professor	Economics	30	NA
4.	Garg, Seema	Ph. D.	Professor	Decision Sciences	9	NA
5.	Kakkar, VP	Masters	Professor	Human Resource Management	48	NA
6.	Kapoor, Shikha	Ph. D.	Professor	Human Resource Management	23	6
7.	Mittal, Ajit	Ph. D.	Professor	Finance	18	5
8.	Niyogi, Shyamalendu	Ph. D.	Professor	Human Resource Management	35	5

9.	Chauhan, Kshamta	PhD	Associate Professor	Economics	18	1
10.	Maurya, Alka	Masters	Associate Professor	International Business	19	NA
11.	Pandey, Ajit Kumar	Ph. D.	Associate Professor	International Business	22	NA
12.	Bajpai, Chitra	M. Phil	Asstt. Professor - III	Human Resource Management	12	NA
13.	Bhasin, Sandeep	Masters	Asstt. Professor – III	Marketing	21	NA
14.	Garg, Nitin	Masters	Asstt. Professor - III	Marketing	20	NA
15.	Jain, Kokil	Ph. D.	Asstt. Professor - III	Marketing	12	3
16.	Gaur, Loveleen	Ph. D.	Asstt. Professor - III	IT	12	3
17.	Gupta, Aditya Kumar	Masters	Asstt. Professor - III	Marketing	12	
18.	Mohan, Mamta	Ph. D.	Asstt. Professor - III	Marketing	14	3
19.	Mahajan, Namita	Ph. D.	Asstt. Professor - III	International Business, Economics	14	NA
20.	Pancholi, Namrata	Ph. D.	Asstt. Professor - III	International Business Marketing, General Management	14	NA

21.	Batra, Shivangi	MBA	Asstt. Professor - II	Human Resource Management	4	NA
22.	Khattar, Sharad	MBA, M Tech	Asstt. Professor - III	Operations Management	36	NA
23.	Pandey, Harendra Kumar	Ph. D.	Asstt. Professor - III	Economics	17	2
24.	Rai, RS	Ph. D.	Asstt. Professor - III	Statistics, Quality Management & Operations	18	7
25.	Sahai, Seema	Masters	Asstt. Professor - III	IT	20	NA
26.	Sahay, Namita	Ph. D.	Asstt. Professor - III	Finance	17	3
27.	Sen, Archisman	Masters	Asstt. Professor - III	Marketing	6	NA
28.	Sharma, Ajeet	Masters	Asstt. Professor - III	Marketing	21	NA
29.	Sharma, Meghna	Ph. D.	Asstt. Professor - III	Economics	20	2
30.	Tripathi, Shruti	Ph. D.	Asstt. Professor - III	Human Resource Management	10	3
31.	Bhatia, Nidhi	Ph. D.	Asstt. Professor - II	Marketing	6	NA
32.	Choubey, Amrish	Masters	Asstt. Professor -	Information Tech.	11	NA

	Kumar		II	Management		
33.	Gupta, Astha	Masters	Asstt. Professor - II	Marketing	14	NA
34.	Gautam, Shalini	MBA	Asstt. Professor	Marketing	16	NA
35.	Goel, Richa	MBA(HR)	Asstt. Professor - II	HR	8	NA
36.	Jain, Ashu	M.Phil	Asstt. Professor - II	Finance	9	NA
37.	Kaur, Kirandeep	M.Phil	Asstt. Professor - II	Finance	6	NA
38.	Khurana, Madhu	Masters	Asstt. Professor - II	IT	23	NA
39.	Krishnan, Chitra	M.Phil	Asstt. Professor - II	Human Resource Management	9	NA
40.	Malhotra, Snigdha	MBA	Asstt. Professor - II	Human Resource Management	6	NA
41.	Malik, Priyanka	Mphil, MBA	Asstt. Professor - II	IT	15	NA
42.	Singh, Vibha	CA	Asstt. Professor - II	Accounts and Finance	6	NA
43.	Thapliyal, Kavita	M.Phil	Asstt. Professor - II	Business Communications	15	NA
44.	Saxena, Navneet	Masters	Asstt. Professor –	Finance	16	NA

			II			
45.	Bisht, Marut	MBA	Asstt. Professor - I	Marketing	7	NA
46.	Tyagi, Shweta	MBA	Asstt. Professor - I	Marketing	6	NA
47.	Lamba, Supriya	MBA	Asstt. Professor	International Business	9	NA
48.	Lawania, Beena	Masters	Lecturer	HR	5	NA
49.	Singh, Tilottama	Masters	Lecturer	HR	6	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

To further add excellence to the teaching the institution takes help of services of senior Visiting Fellows who are experts and well renowned in their respective fields. Also faculties specialized in their respective fields are hired for specific courses.

The following are the Senior Visiting Fellows and Adjunct Faculty visiting AIBS:

(a) Senior Visiting Fellows:

- (i) Dr Ian Brooks, Dean Northampton Business School
- (ii) Dr Holger Siemons, Associate Professor (Business), Northampton Business school
- (iii) Dr VG Sridharan, Associate Prof. , Deakin Business School
- (iv) Dr Robin Doss, Deputy Head of School, School of Info Technology, Deakin University.
- (v) Dr Alvin Lee, Course Director, Marketing, Deakin University

(b) Adjunct Faculty

- (i) Dr MP Singh, Professor

13. Percentage of classes taken by temporary faculty – programme-wise information

Response:

All the classes are taken by Core and Visiting faculty.

14. **Programme-wise Student Teacher Ratio**

Response

The programme wise student faculty ratio is given below:

#	Programme Name	Student Teacher Ratio
1	MBA (IB)	15:1
2	3C MBA	15:1
3	MBA (IB) EVE	15:1
4	BBA(IB)	30:1
5	3C BBA	30:1
6	BBA(IB) EVE	30:1
7	BBA+MBA(DUAL)	30:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Response:

The number of academic support staff and administrative staff: sanctioned, filled and actual are given below:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	12	9	9
administrative staff	2	2	2

16. **Research thrust areas as recognized by major funding agencies**

Response:

The institute in keeping with the University's mission and objectives places a lot of importance on Research. It provides all the support to faculty members to undertake research. The main thrust areas of research of the institute is in the field of International Business. Besides also the research focus is in areas of International Marketing, International Finance, Operations and IT, Strategic Management and Decisions Sciences and Human Resource, Banking, Insurance, Economics etc.

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: NIL**

18. **Inter-institutional collaborative projects and associated grants received: Nil**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil**

20. **Research facility / centre with :-**

Response:

In keeping with the mission and vision, Amity University places lot of importance in the area of research. Two such centres namely Amity Directorate of Management and Allied Areas and Amity Centre for Interdisciplinary Research are functional in the University which provide all the help, impetus and guidance to the faculty members to undertake research

21. **Special research laboratories sponsored by / created by industry or corporate bodies : NIL**

22. **Publications:**

Response:

In keeping with the mission of the University to be a research and Innovation driven University, Faculty members are encouraged to write and publish research articles in well-known research journals both within the country and abroad. They are also encouraged to write books and articles on varied subjects. All type of help and motivation is provided by two bodies namely Amity Directorate of Management and Allied Areas and Amity Centre for Interdisciplinary Research.

Description	Number/details
Number of papers published in peer reviewed journals (national / international)	142
Monographs	2
Chapters in Books	4
Edited Books	4
Books with ISBN with details of publishers	20
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	75
Citation Index – range / average	Nil
SNIP (Source Normalized : Impact per Person)	0 - 0.446
SJR (Scimago Journal Rank)	0 – 0.189
Impact Factor – range / average	Nil
h-index	3

Active participation of faculty members in research oriented activities further raises the bar of teaching and this culture permeates to the students who are also encouraged by the faculty members to undertake this type of activity at their level.

23. Details of patents and income generated

Response:

The activity of both patents and copyrights is encouraged both in faculty member and the students. This adds to the creativeness of our faculty members and the students and helps them come up with new and creative ideas thus furthering the learning experience.

The Institution has filed a Patent titled 'Automatic Wardrobe'. The patent was filed on 30/03/2016 at the Indian Patent Office. The Patent Application No. is 201611010990. However no income has been generated.

The following copyrights have been filed:

Sr. No.	Copy Right Holder	Patent/Copyright	Status
1	Dr Gurinder Singh	Stress-o-gauge	Granted
2	Dr Gurinder Singh	Behavior Annotator Test	Granted
3	Dr Gurinder Singh	Competence Measurement Test	Granted
4	Dr Gurinder Singh	Efficiency Quotient Test	Granted
5	Dr Gurinder Singh	Goal Setting Test	Granted
6	Dr Gurinder Singh	Humanity Quotient Test	Granted
7	Dr Gurinder Singh	Joining hands Ability Monitor Test	Granted
8	Dr Gurinder Singh	Ability to say 'No' Test	Granted
9	Dr Gurinder Singh	Ability to identify and leverage Opportunity Test	Granted
10	Dr Gurinder Singh	AC Test-Attitude Calculator	Granted
11	Dr Gurinder Singh	DR Test – Determination Reckoner	Granted
12	Dr Gurinder Singh	FIT Test – Follow-up Intensity Test	Granted
13	Dr Gurinder Singh	LS Test – Listening Skills	Granted
14	Dr Gurinder Singh	ME Test – Mission Explicator	Granted
15	Dr Gurinder Singh	IS Test- Influencing Skill-o-meter	Granted
16	Dr Gurinder Singh	KA Test- Knowledge Assessor	Granted
17	Dr Gurinder Singh	PR Test- Passion-o-rater	Granted
18	Dr Gurinder Singh	QIT- Quality Index Test	Granted
19	Dr Gurinder Singh	R3 Test –Risk Readiness Reckoner	Granted
20	Dr Gurinder Singh	SA Test (SAT)- Strategic Ability Test	Granted

21	Dr Gurinder Singh	T Test- Trust-o-mapper	Granted
22	Dr Gurinder Singh	UI Test- Uniqueness Identifier	Granted
23	Dr Gurinder Singh	V Test- Are you a Visionary?	Granted
24	Dr Gurinder Singh	W Test- Wisdom Test	Granted
25	Dr Gurinder Singh	XAT- X-factor Annotator Test	Granted
26	Dr Gurinder Singh	YTW Test- Yearn to Win	Granted
27	Dr Gurinder Singh	ZR Test- Zest-o-rater	Granted

24. **Areas of consultancy and income generated** : Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Response

One of the prime objectives of the institution is in ensuring maximum International exposure both to the students and the faculty members. Effort is made to give at least one international exposure to each faculty member who get enriched by interacting and meeting faculty members and students of foreign Universities and visits to various prominent organizations and industries.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1	Prof Debashish Chaudhary	Prof	California State University, Bernardino, California, US	International
2	Dr S Niyogi	Prof		International
3	Col S Khattar	AP III		International
4	Ms Navleen Kaur	AP III		International
5	Dr S Niyogi	Prof		International
6	Ms Shweta Tyagi	AP I	Swinburne University , Melbourne, Australia	International
7	Ms M Khurama	AP III	University of Western Sydney, Australia	International
8	Ms Aastha Gupta	AP II	Swinburne University , Melbourne, Australia	International

Amity Global Business School Campuses (AGBS)

1	Ms Aastha Gupta	AP I	AGBS Singapore	International
2	Dr Ajeet Pandey	Assoc Prof	AGBS, London	International
3	Mr Nitin Garg	AP II	AGBS, London	International

4	Mr Marut Bisht	AP I	AGBS Singapore	International
5	Mr Aditya Gupta	AP I	AGBS Singapore	International
6	Prof Debashish Chaudhary	Prof	AGBS, London	International
7	Mr Sandeep Bhasin	AP III	AGBS Dubai	International
8	Dr Ajit Mittal	Prof	AGBS, London	International
9	Dr Loveleen Gaur	AP III	AGBS, London	International
10	Mr Ashu Jain	AP II	AGBS Singapore	International
11	Dr Ajit Mittal	Prof	AGBS Singapore	International
12	Dr Harendra Pandey	AP III	AGBS, London	International

The experiences gained by faculty members in these international exposures helps them in enhancing the quality of teaching at the institute.

26. Faculty serving in :-

Response:

Endeavour is made to ensure that maximum of faculty members are on the editorial board of research journals published internally by the institute or by any other organization. The details are given as under:

#	Faculty Name	Design.	Position in the Committee/ Board	Tenure
1	Prof (Dr.) Gurinder Singh	Amity Group Addl. Vice Chancellor and Director General Amity International School	Member of Editorial Board in Journal of Global Marketing, US	2015-2016
			Editor-in-Chief, Amity Global HRM Review	2015-2016
2	Ms Alka Maurya	Associate Professor	Editor, Amity Case Journal	2015-2016
			Editor, Amity Global business review	
3	Dr Shruti Tripathi	AP III	Co-Editor, Amity Global HRM Review	2012-13
			Member of Editorial Board in World Journal of social Sciences, Australia	2014-15
			Member of Editorial Board in World Journal of social Sciences,	2015-16

			Australia	
4	Ms Chitra Krishnan	AP II	Editor , IFBM and The Standard International Journal	2015-16
			Board of Reviewers , International Journal of Strategic Management, Mauritius	2015-16
			Editor, Amity Global HRM Review	2012-13
			Editor, Amity Global HRM Review	2013-14
5	Ms Chitra Krishnan	Assistant Professor	Editor, Amity Global HRM Review	2014-15
			Editor, Amity Global HRM Review	2015-2016
			Editor, Amity Global Business Review	2015-16
			Editor, Amity Global HRM Review	2012-13
			Co-Editor, Amity Global HRM Review	2013-14
			Co-Editor, Amity Global HRM Review	2014-15
			Co-Editor, Amity Global Business Review	2015-16
6	Dr Harendra Kumar	Assistant Professor-III	Editor, Amity Global HRM Review	2015-2016
7	Dr Shikha Kapoor	Professor	Editor, Amity Global HRM Review	2015-2016

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response

A lot of emphasis is given to the development and enhancement of intellectual capital of the faculty members of the institute. The faculty members are encouraged to attend workshops, training programmes , seminars or any other programmes in the areas of their interest. A number of Faculty Development Programmes are organized in house by internal faculty or by experts from specialized fields. Faculty members also attend programmes organized centrally at the University level.

#	Description	Organised	Attended
a	Refresher	Nil	Nil
b	Orientation programs	Nil	7
c	Workshops	Nil	13
d	Training programs	Nil	Nil
e	Similar programs (please specify) – Faculty Development Programmes	10	Nil

The development of faculty members is an ongoing process. In a world of fast developments where changes are imminent it is imperative on the part of the institute and faculty members to be abreast of these.

28. Student projects :

Response:

Students as part of their summer internships both at the UG and PG level undertake projects both in house and with the industry where they get the real feel of the corporate world. The projects are relevant to the field wherein the student would be specializing in. It is the endeavour of the student to produce a high quality report with the help of institute and industry guide resulting in a pre-placement offer for the student.

percentage of students who have done in-house projects including inter-departmental projects (students undertake 'dissertation' which is carried out in – house as part of Not Teaching Credit Course (NTCC))	100%
percentage of students doing projects in collaboration with other universities / industry / institute (students undertake 'summer internship' which is carried out in collaboration with industry as part of Not Teaching Credit Course (NTCC))	100 %

29. Awards / recognitions received at the national and international level:

Response:

Awards a means of recognising the efforts of the faculty members, research scholars and the students for the good and the excellent work done. Nominations are sent for award in respect of faculty members and research scholars for a specific work which is high quality. The students are encouraged to take part in competitions which may be academic or non-academic in nature

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1	Prof (Dr.) Gurinder Singh	Amity Group Addl. Vice Chancellor and Director General Amity International Business School	'The Build India Award 2015'	15th November 2015	National (Bharat Nirman, a private NGO since 1980 promoting Indian Culture, Traditions)
2.	Dr Shruti Tripathi	AP-III	ADMAA The Best Researcher of the year	5 th feb 2016	International
3.	Dr Chitra Krishnan	AP-II	ADMAA The Best Researcher of the year	5 th feb 2016	International
4.	Dr Loveleen Gaur	AP-III	ADMAA The Best Researcher of the year	5 th feb 2016	International
5.	Dr Alka Maurya	Associate Professor	ADMAA The Best Researcher of the year	5 th feb 2016	International

Received by Students:

Student's Name	Programme Name	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
Ritika Malik, Gorika Luthra, Radhika Ahuja, Neha Panwar, Pratyusha Tripathi, Rashmeet sabharwal,	MBA (IB)	AIMA NCMS 2013	10 Sep 2013	National (All India Management Association)

Rishika, Siddharth Ranjan Sahu				
Abhay Sodhi, Akshat Kudesia, Tanya Verma	MBA (IB)	3 rd position in Beer Simulation Operations Simulation	23 Aug 2014	National (Goa Management Institute)
		4 th position in Music2go, Marketing Simulation	14 Sept 2014	National (IIM Ahmedabad)
		2 nd position in Ad-o-holic 9.0, Advert making Competition	17 Oct 2014	IMT Ghaziabad
		3 rd position in Cinem-a advert, Story/ad film making competition	19 Aug 2014	Goa Institute of Management
		3 rd position in Infomeria, Indian Case Challenge 2014	24 Sep 2014	IIT Kharagpur
Jeyta, Subhankar	MBA (IB)	International Case Conference 2015	05 Dec 2015	National (ICBM School of Business and Excellence)
Mohsin Rana	BBA (IB)	3 Gold Medals in categories of 500m, 1000m, and road race in National Skating Championship	10 Jan 2016	All India Roller Skating Speed Skating Competition, Agra

The award besides being a good source of inspiration for the faculty members, research scholars and the students to excel in their respective fields also develops a competitive spirit which brings out the best in everyone.

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response:

Seminars and workshop are an excellent medium of getting all stakeholders at one place to interact, discuss, deliberate, analyse and come up with remedial solutions on topics which are of relevant nature in today's business environment. One such research conference 'International Business Horizons' a internationally famed conference is held in the month of Feb each year where people from industry, academia, government and diplomatic corps come on a common platform to discuss on a selected theme along with research papers being presented and read. The students are benefitted immensely by this exposure where they get to meet eminent personalities from different professional backgrounds

2012-16

Title of Event	Type of Event	Location of Event	Source of funding National / International	Outstanding Participants
INBUSH 2012	Conference	Amity University Campus	Self	1.Mr F Svanne (Ambassador Denmark) 2.Mr C Singh (Ambassador Trinidad & Tobago)
HR Summit 2012	Conference	Amity University Campus	Self	1.Mr Umesh Gupta(Fortis , India) 2.Mr Sandeep Joshi (JCB India)
IBSCON 2013	Conference	Amity University Campus	Self	1Mr E Brijmuzu (President Haier India) 2.Mr S Bose (CEO Marina Homes, Dubai)
HR Summit 2013	Conference	Amity University Campus	Self	1.Mr Vivek Tripathi (Lava , India) 2.Mr RS Dabbas (Capro India)
IBSCON 2014	Conference	Amity University Campus	Self	1.Mr E Braganza (Haier India) 2. Mr Abhilesh Guleria (NEC India)
HR Summit 2014	Conference	Amity University Campus	Self	1.Mr Raj Gupta(TCS, India) 2.Mr Anil Raina (Inter Ocean shipping)
INBUSH 2015	Conference	Amity University Campus	Self	1.Mr R.W Indrasukesuma (Ambassador Indonesia) 2. Mr D Koumba

				(Ambassador Gabon) 3.Mr C. K. Tien (Ambassador Taiwan)
INBUSH 2016	Conference	Amity University Campus	Self	1. Mr M Stasek (Ambassador Czech Republic) 2.Mr B Sarsenbayern (Ambassador Kazakhstan)

31. **Code of ethics for research followed by the departments:-**
Response:

Code of ethics followed are as per guidelines and instructions issued from the University from time to time.

It is ensured by various means, processes and the monitoring systems in place in the institute that all scheduled classes are held as per the time table and also the subject material taught is as mentioned in the lesson plan. In case of any such deviations because of any unforeseen circumstances, the Department Chairperson and the programme leader are informed. The attendances of students are also marked the same day on the Amizone. Any shortfall in minimum number of classes is made up by holding extra classes during vacant slots in the time table or on Saturdays.

A great deal of importance is attached to the originality of projects undertaken by the students. All projects undertaken as part of dissertation and summer internship are checked for plagiarism using the Turnitin software and projects having 15% of plagiarism or less are accepted for evaluation.

32. **Student profile programme-wise:**

Response:

The institute runs a number of programmes both at UG and PG levels. Besides MBA (IB) and BBA (IB) two of niche programmes i.e., 3C MBA and 3C BBA are also run in the institute where a student does a entire semester in UK and USA thus enriching one's learning process. In addition every student is encouraged to do one semester abroad as part of Semester Abroad programme either in own campuses or in a foreign University.

2012-16

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA-International Business	2885	558	363	88.25	95.75
3 Continent MBA	453	59	16	83.25	95.75
MBA-International Business (Evening)	154	24	3	96.66	87.5

BBA-International Business	2000	479	100	70.66	67
3 Continent BBA	655	134	34	83.75	95
BBA + MBA - International Business (Dual)	391	41	26	75	95.33
BBA-International Business (Evening)	346	87	10	90.5	100
PH.D in Management (Jan)	20	10	10		
PH.D in Management (July)	17	8	9		

33. **Diversity of students**
Response:

The institute has students from diversified different places. It has very well diversified collection of students from well reputed schools and universities from both within the state and outside the state.

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Phd Programmes	6%	7%	87%	Nil
PG Programmes	11%	21%	77%	1%
UG Programmes	NA	NA	NA	3 nos

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Response:

One student has cleared defence service examination during 2012-16.

35. Student progression

Response:

It is always an endeavour at the institute to provide the right type of guidance and help the students to choose the career path which is the most suited for an individual. It could be going for higher studies, taking up a career in the corporate world or joining the family business or turning into an entrepreneur.

Student progression	Percentage against enrolled
UG to PG	85.95%
PG to M.Phil.	-
PG to Ph.D.	2%
Ph.D. to Post-Doctoral	-
Employed	
<input type="checkbox"/> Campus selection	52%
<input type="checkbox"/> Other than campus recruitment	28%
Entrepreneurs	4%

36. Diversity of staff

Response:

The institute has a very well diversified team of faculty members who have graduated from well reputed Universities both within the state and outside the state.

Percentage of faculty who are graduates	
of the same university	6%
from other universities within the State	28%
from universities from other States from	66%
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

The University encourages all faculty members to do doctorate either from the University or any other reputed University.

S.No	Name	Designation	Yr of award
1	Dr Kokil Jain	AP III	2012
2	Dr Namita Sahai	AP III	2012

3	Dr Navita Mahajan	AP II	2015
4	Dr Seema Garg	AP III	2016
5	Dr Ashu Jain	AP II	2016

38. Present details of departmental infrastructural facilities with regard to

Response:

The University has excellent infrastructure in place. It offers most of the sports facilities to the students. Besides this a central library with an excellent collection of book and journals are also available to the students. Through the medium of the University intranet 'Amizone' the University makes available all the reputed journals on digital platform. The entire campus is on Wi-Fi connectivity. The class rooms are equipped with ICT facilities, are air conditioned and comfortable for the students.

Library	The University has a world class library which has a rich collection of books in all fields and disciplines being taught at AUUP. Besides a number of important research journals are subscribed for . In addition a number of internet work stations are available for use by the students and the faculty members
Internet facilities for staff and students	Wi-Fi available across the University. Internet facility available also within the Central Library
Total number of class rooms	22
Class rooms with ICT facility	22
Students' laboratories	Nil
Research laboratories	Nil

39. List of doctoral, post-doctoral students and Research Associates

Response:

The institute has a total of 41 research scholars on its strength. The University offers both the facility of doing doctorate both as a full time scholar or as a part time scholar.

from the host institution/university	5
from other institutions/universities	36

List of doctoral students are given below:

SNo.	Enrollment No	Name	Programme	Batch
1	A1830311002	Ankur Lal	PhD in Management	Jul-11
2	A1830311001	Ms. Navleen Kaur	PhD in Management	Jul-11
3	A0120514001	Ms RIDHIMA BHANOT SHARMA	PhD in Management	Jan-14
4	A0120514003	Ms RUCHI PATHAK	PhD in Management	Jan-14
5	A0130314004	MS. RITIKA KAUR	PhD in Management	Jan-14
6	A0130314007	MS. NANDITA SINGH	PhD in Management	Jan-14
7	A0130314009	MS. TANU MANOCHA	PhD in Management	Jan-14
8	A0130314013	MS. KAVITA TANDON	PhD in Management	Jan-14
9	A0130314019	MR. SURESH KUMAR NARAYAN	PhD in Management	Jan-14
10	A0130314021	MS. GEETA KUMAR	PhD in Management	Jan-14
11	A1830314004	Ms SEEMA LALL	PhD in Management	Jul-14
12	A1830314001	Ms DHANYA ANNA KURIAN	PhD in Management	Jul-14
13	A1830314002	Mr TUSHAR RANJAN MOHANTY	PhD in Management	Jul-14
14	A0130314030	Mr SHARAD KHATTAR	PhD in Management	Jul-14
15	A0120514005	MS. DIVYA GAUTAM	PhD in Management	Jul-14
16	A0130314053	Ms ALKA DUBEY	PhD in Management	Jul-14
17	A1830314003	Ms SAKSHI GOEL	PhD in Management	Jul-14
18	A1830314005	Ms SUSHREE SANGITA RAY	PhD in Management	Jul-14
19	A1807814001	Ms BEENA DOLIYA	PhD in Management	Jul-14
20	A0120515001	Ms. Misbah Jahan	Ph.D. in Management	Jan 2015

21	A0130315001	Mr Ravi Ramakrishnan	Ph.D. in Management	Jan 2015
22	A0130315006	Mr Muhammad Aamir	Ph.D. in Management	Jan 2015
23	A0130315009	Mr Devpriya rattan	Ph.D. in Management	Jan 2015
24	A0130315012	Mr Kanishk Gupta	Ph.D. in Management	Jan 2015
25	A0130315019	Ms Km. Aparna Misra	Ph.D. in Management	Jan 2015
26	A0130315020	Ms Neha Ralli	Ph.D. in Management	Jan 2015
27	A0130315021	Mr MANI KANT	Ph.D. in Management	Jan 2015
28	A0130315022	Mr Sanjeev Mago	Ph.D. in Management	Jan 2015
29	A0130315026	Mr R PREM KUMAR	Ph.D. in Management	Jan 2015
30	A0130315027	Mr Gaurav Vyas	Ph.D. in Management	Jan 2015
31	A0120515007	Ms Shweta Shrivastava	Ph.D. in Management	Jul-15
32	A0130315060	Mr Dinesh Kumar	Ph.D. in Management	Jul-15
33	A0130315058	Mr Mukesh Kumar Gupta	Ph.D. in Management	Jul-15
34	A0130315046	Mr Nishant Gaur	Ph.D. in Management	Jul-15
35	A0130315043	Mr Syed Najmus Saqib	Ph.D. in Management	Jul-15
36	A0130315032	Ms Puja Dua/ Syal	Ph.D. in Management	Jul-15
37	A0120516002	Ms SHEFALI MISHRA	Ph.D. in Management	Jan-16
38	A0130316007	Mr SANJEEV KUMAR SINHA	Ph.D. in Management	Jan-16
39	A0130316009	MR. SUMIT CHAUHAN	Ph.D. in Management	Jan-16
40	A0130316023	Ms RENU RANA	Ph.D. in Management	Jan-16
41	A0130316033	Mr. MUDIT AGRAWAL	Ph.D. in Management	Jan-16

40. **Number of post graduate students getting financial assistance from the university.**

Response:

The University offers a number of scholarships to deserving students. Scholarships range from on joining scholarships, merit scholarships earned during the tenure and merit cum means scholarships.

#	Type of Scholarship or other financial assistance	Number of PG students
1	On Admission Scholarship (2012)	01
2	Continuation of on admission scholarship (2012)	03
3	Merit Scholarship during the program (2012)	06
4	Merit Scholarship during the program (2013)	03
5	Merit Scholarship during the program (2014)	04
6	On admission merit scholarship (2014)	02
7	Special scholarship awarded at the Washington Centre (2014)	01
8	Continuation of on admission scholarship (2015)	02
9	Merit Scholarship during the program (2015)	04

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response:

The University follows a very structured process for launching new programmes. The need analysis is done based on various inputs like feedback from the industry, market requirement etc. The procedure is well defined.

Two new courses namely MBA (International Business) Evening and BBA (International Business) were launched in year 2011. These were based on feedback received from the Alumni and the industry. A good number of students of both UG and PG programmes have a background of family business. Their prime concern was to attend to their business during morning hours and evenings could be devoted to studies. Likewise during interaction with the industry, feedback received was that quite a few number of people working in the corporate were interested in pursuing a MBA programme, however they were constrained to attend regular morning programmes because of the timing.

To cater to the needs of personnel falling in the above categories, the evening programmes both at UG and PG levels were thought of and approval taken from

competent authority and programmes launched. These programmes are gaining popularity year to year.

42. **Does the department obtain feedback from :-**

Response:

Feedback forms a very important aspect in the continual improvement of various processes of the institution. Feedback is taken from the stakeholders in a structured way. This is utilised in analysing the shortfalls in the processes. Thereafter action plan is made and initiated to carry out improvement.

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	<p>The faculty members give a regular feedback to the departmental heads and the same is discussed /deliberated during the monthly departmental meeting. Subsequently the feedback is discussed in HOI's monthly meeting and requisite actions taken for improvement.</p> <p>Based on the feedback, the Course Review Committee (CRC) and Programmer Review Committee (PRC) further review the courses and its contents and the programme contents respectively . After a detailed analysis the same is presented to Area Advisory Board for ratification. The changes are progressively referred to Board of Studies (BoS), Academic Council and Executive Council for affecting changes.</p>
students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	<p>Feedback from students is taken twice in a semester. The feedback is on various parameters, the most important being on academics with teaching, learning and evaluation. In case of any shortcoming the HOI takes appropriate action in way of counselling the faculty having poor feedback and on any other points to affect improvement.</p> <p>The changes in the curriculum are affected as per details given in previous paragraphs</p>
alumni and employers on the programmes offered and how does the department utilize the feedback?	<p>The Industry Interaction Cell which is the interface between the institution and the industry takes regular feedback after Summer Internship of students and after the student joins the company subsequent to campus placement. Feedback is also taken from the alumni. This forms the basis of either initiating changes to course contents, introducing new course or new programmes</p> <p>The changes in the curriculum are affected as per</p>

	details given in previous paragraphs
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Feedback from various stakeholders is an important step in the quality assurance of various processes of the institute. This helps in identifying shortcomings and areas of improvements to enable higher level of quality in all academic and other processes.

43. **List the distinguished alumni of the department (maximum 10)**

Response:

The institute has a very strong bond with its alumni. This is ensured by regular interaction with the alumni. Periodic Alumni meets are held to develop and foster the bond. The alumni are also members of various committees which are part of the institute. They are invited to deliver guest lectures and invited in all important events like seminars, conferences held in the institute. Every student also has an alumni mentor besides a faculty and an industry mentor to guide him/her through the years in the University.

Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
Mr Ramandeep Singh	MBA IB	2012	S.R Polymers Ltd	Director
Mr Kapil Chadha	MBA IB	2012	Sharv Enterprises	Director
Mr Tarun Jain	MBA IB	2012	Royal Life style	Director
Mr Akshit Tayal	MBA IB	2012	Vighneshwar Ispat Ltd	Director
Mohit Sharma	MBA IB	2012	Build Well Assist.in(On Line)	Director
Mr Davinder Singh	MBA IB	2013	Dhariwal Engg.Works Ltd	General Manager
Mr Nitish Mahajan	MBA IB	2013	Practo Technologies LTD	Area manager
Mr Saurabh Puniani	MBA IB	2013	SSN Logistics	Associate Program Manager (Technical)
Mr Paras Raj	MBA IB	2013	Fed Ex	Area Manager Sales
Ms Shelly Sharma	MBA IB	2014	HCL Tech	Project Manager.

Many an alumni are presently holding very important positions in the corporate world as

seen from the list above. It is the endeavour of the institute to be in constant touch with maximum numbers of alumni so that the present students can gain the maximum with their success stories.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

GUEST LECTURE : 2012-13

S. No.	SPEAKER	TOPIC	DETAILS
1	Mr. Saurabh Jain	"Expectations of Corporates from the students and motivating them to achieve results in their career"	Director - Sarvatra Consulting
2	Mr. Mehernosh Ditta	"Values & Attitude and the way its communicated in today's corporate world"	VP - Talent development, Max HealthCare
3	Mr. Vibhuti Patel &	"Career in U.S. Taxation"	Sr. Tax Manager - Deloitte
4	Sri Krishna Konijeti	"Career in U.S. Taxation"	Sr. Tax Manager - Deloitte
5	Mr. Puneet Gupta	"Venture capital and private equity"	Managing Director - Kentrus Capital
6	Ms. Shangun Bharucha	"Career in HR"	
7	Mr. Anurag Pathak	"Career in Financial Planning"	Sr. Vice President - BNP PARIBAS
8	Dr. Kumar Rajan	"Entrepreneurship – The ultimate satisfaction"	Director & Chief Consultant – Dantah
9	MS. Jaya Mishra	"Career in HR"	Director - Credence Global

GUEST LECTURE : 2013-14

SNO	Speaker Name	Topic	Details
1	MS. Jaya Mishra	Career in HR	Director - Credence Global
2	MS. Jaya Mishra	Employability in HR and the Preparation Required	Director - Credence Global

3	Mr. Kunal Banerji	Expectation of Industry from Management Buds	Director - Sree Infra Tech
4	Mr. Abhilesh Guleria	Channel, Distribution, Alliance Management	Country Head - NEC Ltd.
5	Mr. Prag Anand	Importance of Technology	Regional Head - Infuse IT
6	Mr. Gunjan Kapoor	Brand Prism	Consultant - Maccann Ericsson
7	Mr. Praveen Trivedi	Role And Responsibility Of Security Exchange Board Of India In Protection Of The Right Of Investors	Regional Head – SEBI
8	Ms Kehkahan Alam	CSR capabilities and practices in Organizations	Sr. Manager - CSR - JCB India
9	Ms. Shikha Gupta	Expectations of the corporate from the young budding managers	HR - HCL Technologies
10	Ms. Shagun Bhunchal	Corporate Expectation	Sr. Manager - HR - HCL Technologies

GUEST LECTURE : 2014-15

SNO	Name of the organization	Speaker Name	Designation	Topic
1	10 Minutes With	Ms. Ashmi Ahluwalia	Head Business Development	“FUTURE ASPECTS AFTER MBA”
2	Saipria	Ms. Sayesh Malhotra	CEO	“Entrepreneurship a personal Growth ”
3	Cairn India Ltd.	Mr. Siddharth Nath	L&D Manager	“Organizational capacity building”
4	Deloitte	Mr. Atul Arora	Sr. Manager US India Tax	“Career opportunities in the Finance Industry”
5	Deloitte	Mr. Yahya Muhammad	Manager US India Tax	“Career opportunities in the Finance Industry”
6	Thomson	Ms. Niti Nandwani	Key Account Manager	"Sales Management "
7	ILL	Ms. Indrakshi Wangu	Marketing Head	"Entrepreneur the Best Choice"
8	PCG	Ms. Sana Tanvir	Vice President	“Growth in Real Estate Sector”

GUEST LECTURE : 2015 -16

SN O	Name of the organization	Speaker Name	Designation	Topic
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1	VMR Hospitality	Mr. Rahul Mathur	President	"Sales - the backbone of an Organization"
2	Viacom - 18	Mr. Karni Singh	Account Director	"Role of Marketing in our Lives"
3	Saraya Industries Ltd.	Prof. (Brig.) R. Chandra	Vice President	"Team Building"
4	Viacom - 18	Mr. Karni Singh	Account Director	"Digital Marketing Campaign"
5	Wizcraft International	Mr. Prakash Mishra	Group Head	"Event Management & Marketing"
6	IBBM	Mr. Sudhanshu Singh	Leader and Head Academics	"Capital Market "
7	Institute of Management Studies & Services Faridabad	Mr. S. K. Verma	Principal Director & Motivator	"Achieve Excellence with Positive attitude "
8	Deloitte	Mr. Mike Gaines,	Director U.S. and India Tax	"Career Opportunities in the Finance Industry"
9	Deloitte	Ms. Divya Vani Mallam	Manager U. S. and India Tax	"Career Opportunities in the Finance Industry"
10	NSDL	Mr. Nitin Joshi	Vice President	"E-Governance as a niche area and NSDL 's Pioneering role in it "
11	IBM India	Mr. Prasenjit Bose	ACM Workplace Leader	"Expectations of the corporate from the young budding managers"
12	Lanco Pvt Ltd.	Mr. NS Suresh	Head HR	"Expectation from Young Professionals while selection as a Management Trainee / Executive Trainee."

In addition the students get to interact with very eminent personalities of the corporate world, people from academia from both within the country and foreign universities, ambassadors, people working with the government bodies and other institutions during INBUSH, HR Meet and Corporate meet. This enhances the learning experiences of the students.

45. **List the teaching methods adopted by the faculty for different programmes.**

Response:

1. The teaching methodology is highly innovative. Every course is taught with help of **case studies** and **role plays** where applicable.
2. Every student is given a **mini project and an assignment** to supplement the teaching. Also **tours to organization/industry** for e.g., visit by students specializing in finance to stock exchange further enhances the learning process. The best cases studies developed

for the course are discussed in class rooms where the process is interactive one which helps the students to analyse the situations and come up with solutions which is further analysed and deliberated in the class room among the students.

3.The institute has also adopted the ‘Learning Management System (LMS)’ , which is a revolutionary step (flipped classroom) to make the learning process more proactive from the student’s point of view. The complete learning material including slides, write-ups, videos, newspaper articles, case studies etc. are preloaded on LMS . Thereafter the student comes prepared in the class room and the learning experience for the student is raised to the higher level. The role of the faculty becomes that of a facilitator. The day to day monitoring of students is also possible on LMS.

1.A group of 4-5 students are given a company of their choice on which they do extensive research on various parameters. Based on this they also predict the future course of the company which they present to the top management of the company and thus initiate a relationship with that company.

2.Students get to interact with top CEO’s, industry bigwigs and other influential and prominent personalities during events like INBUSH, HR meet, Corporate meet and Guest lectures which further enhance their learning experience and boosts their confidences.

3.Students are encouraged to go for one **semester abroad** in any one of the designated campuses as part of **Study Abroad programme** which gives an international perspective to the courses forming part of the curriculum.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

In keeping with the mission and objectives of the University, the institute has devised broad based goals for the institute. Further every programme has listed Student Learning Objectives (SLO’s) for each of the programmes. To ensure the SLO’s are in sync with the broad based goals mapping of each of the SLO is done with the broad based goals. These objectives are measured by various instruments and each of the SLO’s has a direct and an indirect measure for evaluation. Example of direct measure is the comprehensive examination which is taken by every student at the end of every academic year. Example of indirect measure is the exit survey which the student fills up at time of finishing his studies just prior to the Concluding ceremony. Thus the methodology for ensuring that the programme objectives and monitoring of learning outcomes is a very structured one.

47. **Highlight the participation of students and faculty in extension activities.**

Response:

Students and faculty participated with great enthusiasm and sense of belongingness for the various social events from which they imbibed values. The short write up of each activities done is highlighted

1. Title: Thank the Blue

Date: Ongoing (5-10 Minutes) starting from 4th March 2016

Activity: Say Thank you to the **blue collar workers:** Cleaning staff, Library staff, Canteen staff,

Gym staff, Security staff, Gardeners, Hostel staff, Admin staff, Secretaries, Peons, etc. Student can sing song for them live with or without guitar, applaud for them, say thanks by handshake, Hug them and take pics with the worker and post in the official group online.

2. **Title:** How to Meditate

Date: 9th March 10-12PM Seminar Hall

Guest: (Vishwas Meditation)

Activity : Meditation cum video session and Sufi Music

Objective: Relaxation and stress Management

3. **Social Campaign :** Abhimanyu : Go Left | Save Life



Dates:

17th March : Radio Talk Show (3 Min / 30 Min)@ASCO RadioStudio(11-2pm)

22nd March : Video Talk Show (30 Min.) @ASCO Video Studio(1-3pm)

25th March : Video Talk Show (30 Min) @ASCO Video Studio(3-5pm)

31st March: Band / Jingle /Songs @Moot Court (3-6 pm)

Activities: Campaign Sticker, Sing 1 Minute Jingle along with your Band,

Do a 30 Minute Radio Talk Show, 30 Minute Video Talk Show, Nukkad Natak

❖ **Radio Talk Show Topics@ 17th March**
Dept. Involved: ASCO +AIBS)

1. Value of Ambulance: In the Mind V/s On the Road. Why the difference and what to do for bridging the difference.
2. Awareness Campaign on Rights of Ambulance on Road
3. Ambulance for Organs
4. Ambulance for Organ transplant V/s Patient Transport: The big Gap

❖ **Video Talk Show Topics@ 22nd / 25th March**
Dept. Involved: ASCO +AIBS

1. How to change perception of commuters on Road for Ambulance.
2. West V/s East perception on Death
3. Fears of anyone after getting sick.
4. Traditional V/s Modern Indian Human Values: The changing Landscape.
5. What value system in India can prevent Rape Crimes? Is it possible?. How?
6. Priceless Family Values. Expectations V/s Reality: A Reality Check
7. Role of Teacher in Student Life: What can be learned from the best teachers worldwide? Some inspiring short stories.

5. Musical Afternoon: Band Performance : Jingle / Poems/ Poetry/Song @31st March @ Moot Court

(Jingle: 1 Min) (Poetry: 5 Min) (Song: 5 Min) (Musical Band :5 Min)

1. Ambulance : Save Life
2. Family: Love your family
3. Friends: Colours of friendship
4. Teachers: Values of Great Teacher
5. Spiritual Master : Values of Enlightened Master (Spiritual
6. Human Values: Respect Responsibility, Resilience, Care, Integrity, Harmony
7. Musical Band: Can have atleast 1 minute of original composition with lyrics besides English or bollywood medley. Time should not exceed 5 min.

6. Blog: Human Values Blog

Date: Ongoing starting from 29th Feb 2016

Activity: To write about importance of values and actions based on your understanding of precious relationships like family, friends, Teacher, Business idol, or Spiritual Guru

Blog Address: www.aibs-ahvq.blogspot.in

7. Title: Amitian Selfie :

A Great attempt for the largest and purposeful Selfie for creating a new Record

Date: 29th March (1-3pm) Tuesday

Metaphor : Importance of Human Values that Binds Amity & India and world Human.
 Hands joining signifying power of Sacred Values to join others.

8. Title: Amitian-Values “Heal-the Vices”(Nukkad Natak)

Date: Ongoing Wednesday @ I3 Seminar Hall

Activity : 10 or more virtues personified students will form a circle / any geometrical shape and 1 vice (personified) will be inside the circle and play should revolve around how that vice can be treated or transformed into virtue by any of the 21 ETHICAL VALULES mentioned in AMITIAN 101 ATTRIBUTES BOOK

9. Title: Valuable Selfie

Date: Ongoing (4th March 2016 onwards)

Activity: Selfie of the Boss with the Employee who adhere to the human values and post in the group. Send the name of the employee and an Amitian will call that employee to say thankyou. The selfie photo will be on the walls website for ever.

10. Title: Cleanliness Drive

Date: 6th March 2016 8am-11am

Venue: ITO Bridge, Western Ghat (Chat Puja Ghat), Near Delhi Secretariat Bus Stop

Students went to clean ITO Yamunaghat along with students of AUGN and BHUMI NGO.

48. Give details of “beyond syllabus scholarly activities” of the department.

Response:

Faculty Members are encouraged to take part in scholarly activities. The scholarly activities consist of scholarship of teaching, of discovery, of integration and of application. Also in addition the faculty takes part in professional activities. This participation goes a long way in the overall development of the faculty besides enhancing one’s knowledge, skills and education. For example:

- (a) Dr Nitin Aroas Arora, Nitin(2015-16) is the International Reviewer of EuroMed Journal of Business, Emerald Publication.
- (b) Dr Ajit Kumar Pandey is on deputation with Govt of Bhutan weg 2014.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response:

The programmes of the Institution is accredited by IACBE, USA and ACBSP USA, apart from being accredited along with the University from NAAC & WASC, USA.

Accreditation and grading of any institute goes a long way in enhancing the image of the

institute. It also forms the basis for the institute to further aspire and aim for better grading in the future by carrying out improvements internally by benchmarking against the best institutes.

50 **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

The institute has contributed immensely in various fields.

1. A number of research Papers have been written by the faculty members in Scopus based journals and other journals of international repute.
2. The institute has pioneered a unique programme the 3C MBA and 3C BBA programmes where the student gets to do one entire semester in two other continents. This the student does in Amity Global Business School, UK and California State University, San Bernardino, US. This is now followed by other institutes as well.
3. The institute holds international conferences of which the INBUSH is the most prominent one. People representing the academia, corporate, government and other bodies and diplomatic corps both internationally and from within the country attend this mega event. Research paper presentation forms an important aspect of this conference. Besides, deliberations on the selected theme by the eminent personalities take place.
4. Faculty members have written a number of books and developed a number of case studies which develops the intellectual capital of the faculty members.

51 **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response

SWOC analysis is a very important step in the introspection of any organization. It helps in benchmarking against the best in the world and aiming for improvement.

#	Strengths
1	Innovative techniques followed in the institute which involves case studies, role plays, project assignment thus enhancing the learning process. In addition a number of sessions are taken by industry experts who give a real life knowledge to the students on various aspects of the courses taught as part of the programme structure.
2	The institute pioneered the 3C programme which is now followed by other institutes of the University. The 3C programme both at PG and UG levels are designed to give a deep insight into the business nuances of countries in Europe and the US. The students as part of their curriculum also undertake projects in a specific field and industry.
3	The institute holds research conferences and other events of international acclaim. The most prominent of these is INBUSH attended by international personalities from the fields of academia, corporate world, government bodies and ambassadors. The students get to gain the maximum from these conferences which enhance their learning experience.

4	A culture of entrepreneurship is encouraged in the institute which encourages the students to incubate new companies. All necessary help in form of advice, developing project reports and finding venture capitalist for the start-up is undertaken. A total of 13 companies have been incubated in year 2015-16
5	All faculty members and students are encouraged to develop patents and copyrights. Team of the institute comprising of faculty members and volunteer students also help commercialize the patents developed by other institutes of the university. A total of 27 copyrights and 1 patent are in the credit of the institute.

#	Weaknesses
1	The various programmes of the institute which mainly specializes in International Business is not too well known in the students community.
2	There is a lack of distinctive image in the corporate world of the institute. The Corporate world also at times is not clear on the learnings and skills acquired by the students after finishing their studies.
3	Participation of students in activities outside the university.
4	Curriculum of all programmes needs to be more focussed on producing industry ready managers.
5	Many a students taking part in extracurricular activities often have to miss classes which becomes difficult to cover up for individual students.

#	Opportunities
1	The growing globalization gives an immense opportunity of the students to steer their career paths.
2	There exists opportunity to attract more number of students in various programmes after the 'identity crisis' and confusion on the programmes are explained
3	Immense opportunities exist for tie up with various financial and other bodies to co-develop newer programmes and producing industry ready students.
4	Tie ups with foreign Universities for collaborative research and other areas of mutual interest possible.
5	Various corporate and other organizations want to partner for CSR, human value and other social activities.

#	Challenges
1	The changing industry needs always pose a challenge to the programme curriculum. To keep up with this there is a requirement to involve the industry in all decisions involving introduction of new programmes, change in course contents and other relevant

	areas.
2	Declining trend in intake of the MBA students country wide is again a challenge.
3	Management institutes both within the University and outside are the competitors against which the institute has to stand.
4	Newer technologies also reshape the management practices and theories. The institute has to keep evolving keeping this aspect in mind
5	Multifarious activities by faculty members like academic , driving CSR activities, consulting etc., often leads to sacrificing some of the important duties.

52 **Future plans of the department.**

Response:

1. The future plan of the institute is to develop into an internationally acclaimed institute in the field of International Business by ensuring the weaknesses as reflected in SWOT are overcome and challenges are taken care of. Also the best is made of the opportunities which exist at present to scale greater heights.
2. It is a constant endeavour to ensure the curriculum of programmes are changed on a regular basis to ensure they are in keeping with the industry requirements.
3. The research aspect is being given the most important priority for both the faculty members and students alike. Individual targets have been set by each and every faculty member including for research papers, conferences and projects/consultancy.
4. Constant improvement in infrastructure to include better availability of books , e journals for the students.
5. To ensure improvement in ratio of PhD faculty to non PhD faculty with aim to have 100% PhD qualified faculty members.
6. It plans to tie up with additional at least 10 foreign Universities of international repute for the purpose of collaborative research and other areas of mutual interest like student exchange.
7. It also aims at developing industry focussed programmes with help of professional bodies.
8. The institute also plans to ensure maximum international exposure for students by giving them ample choice to choose from as to where they wish to go for the Study Abroad programme.
9. It also aims in improvement in various parameters and processes that would lead to better rating by international agencies like Eduniversal.

Evaluative Report (Amity School of Insurance, Banking and Actuarial Science)

1. Name of the Department

Response

The name of the institution is Amity School of Insurance, Banking and Actuarial Science (ASIBAS).

2. Year of establishment

Response

The institution was established in 2000 and integrated with AUUP in 2005.

3. Is the Institution / Department is part of a School/Faculty of the university?

Response

Yes, the institution is part of Faculty of Management Studies.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Response

The names of programmes offered by ASIBAS are:

(a) UG Programmes

- i. B.A.(H)(Insurance & Banking)
- ii. B.Sc.(Actuarial Science)

(b) PG

- i. M.B.A.(Insurance & Banking)
- ii. M.B.A.(Insurance & Financial Planning)
- iii. M.S.C.(Actuarial Science)

5. Interdisciplinary programmes and departments involved ; NIL

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Response

The following courses are offered in collaborations with British Standard Institution:

- i. Environmental Management Systems
- ii. Quality Management Systems
- iii. Occupational Health & Safety Management Systems
- iv. Food Safety Management Systems
- v. Information Security Management Systems
- vi. Risk Management
- vii. Lean Management
- viii. Six Sigma Green Belt
- ix. IT Service Management Systems
- x. Business Continuity Management
- xi. Energy Management Systems

7. Details of programmes discontinued, if any, with reasons

Response

None of the programmes have been discontinued. However, the nomenclature of the following programs have been changed as indicated below:

(a) M.B.A(Insurance): Renamed as M.B.A(Insurance & Banking) and M.B.A(Insurance & Financial Planning)-

Reason- To provide additional specialization in banking and Financial Planning.

(b) B.Sc.+M.Sc.(Actuarial Science): Renamed as B.Sc.(Actuarial Science) and M.Sc.(Actuarial Science) separately.

Reason- To provide academic flexibility after B.Sc.

8. Examination System: Annual / Semester / Trimester / Choice Based Credit System

Response

ASIBAS follows Semester System & Choice Based Credit System.

9. Participation of the department in the courses offered by other departments / institutions

Response

Faculties from ASIBAS have been delivering lectures in other departments under Choice Based Credit System. Choice Based Credit System presents students with a wide range of electives across departments and institutions. By providing inter-institution credit transfers, the choice based credit system encourages inter-disciplinary learning among students. Students can pick up any course as per their choice courses from different electives. Faculties from ASIBAS take courses in the specialised areas of insurance and banking in other departments / institutions.

#	Department / Institution Name	Course Code	Course name
1	Enterprise Learning Solution	Training	Foreign Exchange and Trade Finance
2	ABS	INS723	Principles and Practices of Banking
3	AIHA	INS224	Fundamental to Life Insurance Underwriting
4	AIHA	INS615	Health Insurance Analysis
5	AIBS	QAM101	Business Mathematics
6	AICCF	INS114	Fundamental of Insurance Management
7	AIPH	INS705	Health Insurance
8	AITD	Training	Training to Allahabad Bank Officer
9	AICCF	INS741	Treasury Management
10	AICCF	INS741	Treasury Management
11	AICCF	INS745	Risk Management

12	AUBSI	BSI113	Six Sigma Green Belt
13	ABS	ENTR101	Entrepreneurship General Awareness Camp
14	ASSB	PEDU101	Military Training Camp

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response

Institute is having number of faculties, i.e. Professors/Associate Professors/Asst. Professors

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	2	5	5
Associate Professors	4	0	0
Asst. Professors	10	9	9
Others(deputed from other department/institutions)	-	4	4

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response

Faculty at ASIBAS has a blend of professionals from insurance industry (both from life and non-life streams), banking industry, actuarial science and academics with diverse backgrounds which handles the integrated curriculum.

#	Name	Qualification	Design.	Specialization	Experience in yrs		Ph.D./M.Phil. guided (4 years)
					Industry	Teaching	
1	Mr.Manish Kumar Srivastava	M.Sc.	Asst. Professor	Actuarial Science	-	11 Years	Nil
2	Mr. J.L. Kapur	LL.B	Professor	Life Insurance	40	13 Years	Nil
3	Dr. Vinod Behari Mathur	Ph.D	Professor	Actuarial Science	-	50 Years	Nil
4	Mr. Rajesh Chand	M.A.	Professor	Banking	38 Years	06 Years	Nil

	Bhatnagar						
5	Prof. Anupam Suri	B.Sc	Professor	General Insurance	33 Years	20 Years	Nil
6	Dr. Narinder Kumar Bhasin	DMS	Professor	Banking	30 Years	-	Nil
7	Ms. Puja Dua	MBA	Asst. Professor	Banking	12 Years	-	Nil
8	Mr. B.R. Singh	MBA	Asst. Professor	General Insurance	25 Years	07 Years	Nil
9	Dr. Kamal Gulati	Ph.D	Asst. Professor	Information Technology	-	13 Years	Nil
10	Mr. Rajesh Verma	MBA	Asst. Professor	Marketing, Management	05 Years	10 Years	Nil
11	Mr. Sunil Kumar Singh Kadyan	MBA	Asst. Professor	Life and Non-life Insurance	01 Years	04 Years	Nil
12	Mr. Bhagat Singh Bisht	LL.B	Asst. Professor	Banking	38 Years	04 Years	Nil
13	Mr. Manish Sharma	MBA	Asst. Professor	Financial Markets, Management	-	04 Years	Nil
14	Ms. Stuti Gupta	M.Sc	Asst. Professor	Actuarial Science	02 Years	02 Years	Nil

Others (deputed from other department/institutions)

Name	Qualification	Designation	Specialization	No. Of Years of Experience		No. of Ph.D./M.Phil. students guided for the last 4 years
				Industry	Teaching	
Ms. Gauri Mahalwar	M.A(Pursuing Ph.D)	Asst. Professor grade I	English/Business Communication	-	07 Years	Nil
Dr. Reema Chaudhury	Ph.D	Asst. Professor-III	English/ Business Communication	-	14 Years	Nil
Ms. Neha Sharma	PG in Hispanic Studies, Pursuing M.Phil	Assistant Professor	FBL-Spanish	02 Years	07 Years	Nil
Ms. Sarika Monga	M.Phil. MA(French)	Assistant Professor	FBL-french	-	05 Years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

Adjunct faculty is providing a support for the actuarial science department for their courses of specialisation electives and Emeritus Professor is providing guidance in the enrichment of the organisation and in research activities.

Adjunct Faculty : Ms. Preeti Sahay

Emeritus Professors : Prof. V.B. Mathur

#	Senior Visiting Fellow	
	Name	Designation
1	Mr.Niraj Kumar	General Manager, Oriental Insurance Co.
2	Mr.Rakesh Kumar	Chief Vigilance Officer, Oriental Insurance Co.
3	Mr.Deep Sharma	Sr. Advisor-Insurance Practices and Business Consulting, Dell International Services
4	Mr.Ashish Gupta	Sr. Consultant, Mitras Consultants
5	Mr.V.S. Gupte	Dy. General Manager (Retd.), Bank of India
6	Mr.Mohd. Qureshi	Certified Trainer - Banking

13. Percentage of classes taken by temporary faculty – programme-wise information : NIL

14. Programme-wise Student Teacher Ratio

Response

The Institution has an overall student faculty ratio of 12:1, programme wise ratio is given below:

Programme Name	Student Faculty Ratio
M.B.A.(Insurance & Banking)	13:1
M.B.A.(Insurance & Financial Planning)	
M.S.C.(Actuarial Science)	
B.Sc.(Actuarial Science)	12:1
B.A.(H)(Insurance & Banking)	

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response

The number of academic support staff and administrative staff are given below:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	03	03	03
administrative staff	02	02	02

16. Research thrust areas as recognized by major funding agencies

Response

The Institute has from time to time identified thrust areas of research, around which several research projects and studies are designed cutting across disciplinary boundaries. Some of the research themes are Marketing of Insurance, Actuarial Science, banking and financial services. The institute is making efforts for tie-ups with major funding agencies like UGC, IRDA, IIT and RBI in their specific domains.

#	Funding Agency	Research thrust area
1	HDFC (2 Lacs) Vijaya Bank (1 lac.)	Risk Management in Insurance & Banking
2	--	Marketing of Insurance
3	--	Actuarial Science
		Banking and Financial services

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response

As on date the ongoing projects from funding agency is **Nil**. Institute is making continuous efforts in having a Tie up with the funding agencies for the projects and grants.

18. Inter-institutional collaborative projects and associated grants received

Response

Institute is putting its efforts in having a collaboration with other institutes in joint projects in inter related domains. Till date, Inter-institutional collaborative projects and associated grants received is **Nil**.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil

20. Research facility / centre with

Response

Amity Directorate of Management and Allied Areas (ADMAA). ADMAA is encouraging faculty members for conducting research in various disciplines.

Research Lab is established in which following software for promoting Research:
 SPSS, R, Hadoop, SAS, MS Excel Advance, Turnitin

Digital Library is available for faculty and students to access online journals like Cambridge University Press, IEEE Xplore, Taylor & Francis, Oxford University Press, etc.

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

Response

Number of Research papers and Articles are published in the peer reviewed journals. Faculty members are also participating in different conferences for presenting research papers which are published in conference proceedings.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	19
Monographs	0
Chapters in Books	0
Edited Books	0
Books with ISBN with details of publishers	01 Triumph Publications

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated

Response

Institute is providing continuous consultancy for the training of Young Bankers- AXIS Bank from the year 2013.

Details of Consultancy assignment done by faculty			Role of Faculty member
Organisation's Name	Year of commencement	Revenue generated (INR)	
AXIS Bank	2013	2013- 1.54 Crore	Consultancy in Recruitment, Training and Teaching Assignments
		2014- 2.1 Crore	
		2015- 2.83 Crore	

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response

ASIBAS motivates members to visit laboratories / institutions / industries in India and abroad.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1	Dr. Kamal Gulati	Assistant Professor	Stratford University	International
2	Dr N. K. Bhasin	Professor	Banking Expert and Jury Member, AIMA	National
3	Dr N. K. Bhasin	Professor	Key Note Speaker, ICAI,	National
4	Dr N. K. Bhasin	Professor	Programme review Committee Member , INFORMS & Chitkara University	International
5	Dr N. K. Bhasin	Professor	Session Chair- IBA, Bangalore	National
6	Dr N. K. Bhasin	Professor	Banking Expert and Jury Member, AIMA	National

Dr. Kamal Gulati went to Stratford University, USA as Part Time External Scholar

26. Faculty serving in

Response

The faculty of ASIBAS are not serving in any National Board or Editorial boards at present.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response

The details of the Faculty recharging strategies are furnished below:

#	Description	Attended
A	Refresher	6
b	Orientation programs	9
C	Workshops	7
d	Training programs	5
E	Similar programs (please specify):	

28. Student projects :

Response

Students have to undertake various projects in the form of summer internship, dissertation, term papers and field surveys which comes under Non-Teaching Credit Course (NTCC). The details are available on intranet which is accessible to all stakeholders (students, faculty, HOI and Deans).

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	100%

29. Awards / recognitions received at the national and international level:

Response

Received by Faculty: National

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)
1	Dr Kamal Gulati	Asst. Prof.	Doctor of Philosophy	07 Jun 2013
2	Dr N.K. Bhasin	Professor	Fellow, Indian Institute of Banking and Finance	August 2015
			MTC Global Award for Corporate Banking	11-12 September 2015

			Best Speaker Award, Cost and Management Accountants, Vigyan Bhawan	18 December 2015
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Received by Students from MBA (Insurance & banking) : National

#	Student's Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1	Ms.Aditi Gandhi	Max New York Life Outstanding Student of the year Award	November 2015
		HDFC Ergo Best Dissertation Award	November 2015
2	Mr.Prateek Sharma	Tata AIG Scholar of the year Award	December 2014
3	Ms.Richa Sharma	HDFC Ergo Best Dissertation Award	December 2014
4	Ms.Neha Yadav	Outstanding Student of the year Award	December 2014
5	Ms.Aditi Goel	Outstanding Student of the year Award	December 2013
6	Ms.Aashia Mathur	Outstanding Student of the year Award	December 2012

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response

Institute has been organising various Seminars/ Conferences/Workshops in the emerging and challenging areas of insurance and banking. The outcome of these events may comprise of Tie-ups with the industry, Placements and summer internships. Also these events are helpful in enriching the knowledge of the students and faculties.

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International	Outstanding Participants
1	International Conference on Risk	Conference	Amity University, Noida	HDFC Ergo, Vijaya Bank, LIC, Union Bank, Oriental	100

	Management in Insurance & Banking Industry			Insurance	
2	Seminar on Digital Banking - Challenges & Opportunities	Seminar	Amity University, Noida	ICICI Prudential & Oriental Insurance	100
3	Seminar on "Is it time for insurance industry to reinvent?"	Seminar	Amity University, Noida	ICICI Prudential & Oriental Insurance	50
4	Workshop on Insurance Underwriting	Workshop	Amity University, Noida	Nil	50
5	Workshop on Housing Finance	Workshop	Amity University, Noida	Nil	50
6	Workshop on Insurance Underwriting	Workshop	Amity University, Noida	Nil	50
7	Seminar on Employee Benefit Schemes	Seminar	Amity University, Noida	LIC of India	50
8	Seminar on Prevention of Frauds in Insurance & Banking Industry	Seminar	Amity University, Noida	Oriental Insurance, Union Bank of India	150
9	Seminar on Health Insurance	Seminar	Amity University, Noida	Oriental Insurance, Milliman	150
10	Seminar on Liability Insurance - Trends & Key Issues	Seminar	Amity University, Noida	JK Risk Managers & Insurance Brokers Ltd.	200
11	Seminar on Corporate Governance - The Role of Business and Personal Ethics & Values	Seminar	Amity University, Noida	Nil	150
12	Seminar on	Seminar	Amity	LIC of India	150

	Financial Inclusion for Inclusive Growth		University, Noida		
13	Workshop on Due Diligence & Compliances of Terms of Sanction in Advance Accounts	Workshop	Amity University, Noida	Nil	100

31. Code of ethics for research followed by the departments

Response

The Institute promotes ethical responsibility in the quest for knowledge and the development, conservation and transfer of such knowledge. All members of staff and students are required to strive for the highest standards of excellence and morality in any research activities.

Institute uses Turnitin Software for Plagiarisms Check in all NTCC Courses to ensure highest standards of originality.

32. Student profile programme-wise:

Response

Institute is having students from different background who are pursuing masters in different specialised fields. The list of students are as follows:

Name of the Programme	Applications Received	Selected		Pass %	
		Male	Female	Male	Female
M.B.A.(Insurance & Banking)	158	18	18	77.27%	81.82 %
M.B.A.(Insurance & Financial Planning)	96	7	15	75 %	100 %
M.S.C.(Actuarial Science)	38	8	12	88.89 %	100 %
B.Sc.(Actuarial Science)	70	10	7	100%	100 %
B.A.(H)(Insurance & Banking)	36	6	3	60 %	80 %

33. Diversity of students

Response

Institute has students from the diversified background throughout the country. Details are as follows:

Name of the Programme	% of Students from the same university				% of students from other universities within the State			
	2012	2013	2014	2015	2012	2013	2014	2015
M.B.A.(Insurance & Banking)	0%	5%	2%	23%	28%	13%	19%	8%
M.B.A.(Insurance & Financial Planning)	NA	NA	20%	18%	NA	NA	0%	18%
M.S.C.(Actuarial Science)	0%	0%	5%	0%	9%	0%	11%	5%
B.Sc.(Actuarial Science)	NA	NA	NA	0%	NA	NA	NA	0%
B.A.(H)(Insurance & Banking)	NA	NA	NA	0%	NA	NA	NA	29%

Name of the Programme	% of students from universities outside the State	% of students from other countries
-----------------------	---	------------------------------------

	2012	2013	2014	2015	2012	2013	2014	2015
M.B.A.(Insurance & Banking)	72%	82%	77%	69%	0%	0%	2%	0%
M.B.A.(Insurance & Financial Planning)	NA	NA	80%	64%	NA	NA	0%	0%
M.S.C.(Actuarial Science)	91%	100%	84%	95%	0%	0%	0%	0%
B.Sc.(Actuarial Science)	NA	NA	NA	100%	NA	NA	NA	0%
B.A.(H)(Insurance & Banking)	NA	NA	NA	43%	NA	NA	NA	28%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response

Students of ASIBAS have cleared professional examinations like Insurance Institute of India and Actuarial Society of India and Actuarial Society of UK. 3 students have cleared IBPS examination.

35. Student progression

Response

Institute is having a good placement record in reputed companies in the areas of Insurance, banking and Actuarial Science. Students are progressing for the future growth in the reputed companies.

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	-	-	-	23%	62%
PG to M.Phil.	Nil	Nil	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil	Nil	Nil
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed Campus Selection Other Than Campus Selection	87.5%(M.Sc.)	90%(MBA) 93%(M.Sc.)	76%(MBA) 100%(M.Sc.)	100%	93%(MBA) 79%(M.Sc.)
Entrepreneurs	-	-	-	-	-

36. Diversity of staff

Response

Faculties in the Institute are from diversified areas throughout the country. Details are as follows:

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
of the same university	6.66%	6.66%	12.5%	11.76%	13.33%
from other universities within the State	6.66%	6.66%	6.25%	5.88%	6.66%
from universities from other States from	86.66%	86.66%	81.25%	82.35%	80%
universities outside the country	Nil	Nil	Nil	Nil	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response

Dr. Kamal Gulati has been awarded PhD degree in 2013.

38. Present details of departmental infrastructural facilities with regard to

Response

Institute has world class facilities for Library and classrooms equipped with advanced ICT facilities.

Library	Text Books & reference Books-1244 , Journals-10
Internet facilities for staff and students	Laptop- Faculty Wifi - Faculty & Students
Total number of class rooms	08
Class rooms with ICT facility	08
Students' laboratories	One Computer Lab
Research laboratories	One

39. List of doctoral, post-doctoral students and Research Associates : N.A.

40. **Number of post graduate students getting financial assistance from the university.**

Response

University is providing scholarship to meritorious students :

1. 08-On Admission Merit Scholarship
2. 03-Dr. Ashok K Chauhan Scholarship(100%Scholarship)
3. 01-Merit Scholarship

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response

Yes, the following procedure is followed for starting new academic programmes in the existing Institutions/ Departments :

Need Assessment is done with a proposal which includes justification for proposing the program, career opportunities and employability after completion of the program.

The Heads of Institution / Department develop the course curriculum along-with faculty members through the **Course Review Committee**. After brainstorming among the course faculty and Course Review Committee, detailed discussions are held with Industry professionals & subject experts from academia and their feedback is taken.

An **Area Advisory Board** is constituted by the Head of Institution for specific stream/area . It examine , review and finalise the proposal of Course Review Committee with respect to introduction of new courses, change of course nomenclature and course curriculum of various courses under a stream / area. It reviews and finalise the course and syllabus as per the needs of profession / industry at a specific level (UG/PG) and benchmarks with course curriculum at National/International level. It further develops pre-requisites, course objectives, student learning objectives and Assessment Plan accordingly.

The **Programme Review Committee(PRC)** deliberates on the programme structure with the senior faculty of the Institution. It takes the feedback of industry and Area Advisory Board (AAB) for assessing demand of the programme, skill set / competencies required by the industry / profession and career opportunities for graduands while framing the Programme Structure.

Based on inputs from various stakeholders, Programme Review Committee defines the Programme Structure, programme objectives and curriculum. **The Programme Educational Objectives (PEOs), PLOs**, are defined and documented. The Programme Structure depends upon Programme Educational Objectives and Programme Learning Outcomes(PLOs). A matrix of Programme Educational Objectives and Programme Learning Outcomes is then developed for each programme.

42. **Does the department obtain feedback from**

Response

Institute obtain feedback from the students, alumni, parents and industry on a regular basis which provides necessary input in improving the quality of curriculum and other related areas.

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	<p>Every year the syllabi of courses are updated in relation to the industry and business situation of the economy. Faculty members of Course review Committee (CRC) and Programme Review Committee (PRC) and Area Advisory Board discuss and propose suggestions for improvement in the course curriculum to the Board of Studies.</p> <p>Further, areas are identified and presented before the Board of Studies with the proposed course structure, objectives and learning outcomes of the program. After the approval the courses are then implemented within each program.</p>
students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	<p>Feedback from students is taken twice in a semester post-commencement and Pre-Exam in each semester through amizone .</p> <p>Further there is a Class representative meeting which is done every month by the Head of Institution for checking the progress on teaching, learning and evaluation.</p> <p>In case of any shortcoming, Head of Institution takes appropriate action by providing counselling to faculty having poor feedback and take necessary actions for improving other processes.</p>
alumni and employers on the programmes offered and how does the department utilize the feedback?	<p>Discussions are held with Industry professionals & subject experts from academia in different AAB, BOS for revisions in course curriculum and finalisation of Programme structure.</p> <p>Outcome of Alumni and employers surveys are used to improve different processes.</p>

43. List the distinguished alumni of the department (maximum 10)

Response

Students graduating from the institute are of the highest calibers, who have reached positions of eminence in industry, business, public sector, academic institutions or as entrepreneurs. The list of some of them are as follows:

Alumni Name	Programme Name	Associated with (Organisation Name)	Designation
Aditi Gandhi	M.B.A.(I&B)	HDFC Ergo	Fellow, III
Gaurav Pathania	M.B.A.(Insurance)	Iffco Tokio	Sr. Manager, Fellow-III
Sunil Kadyan	M.B.A.(Insurance)	Amity School of Insurance Banking and Actuarial Science	Assistant Professor, Fellow
Tanmeet Kaur	M.Sc.(AS)	Ernst & Young	Manager-Actuarial
Vandana Baluni	M.Sc.(AS)	Birla Sunlife	Fellow- Institute of Actuary
Suranjan Banargee	M.Sc.(AS)	Aon Hewitt	Sr. Manager-Actuarial(Fellow)
Vikas Garg	M.Sc.(AS)	Liberty Videocon	Fellow- Institute of Actuary
Tapesh Gosai	M.B.A.(Insurance)	RMS- Risk Mangement Solutions India Pvt Ltd	Sr. Manager
Shreya Singhla	M.B.A.(Insurance)	RMS- Risk Mangement Solutions India Pvt Ltd	Sr. Manager
Pooja Dua	M.B.A.(Insurance) Part Time	Amity School of Insurance Banking and Actuarial Science	Fellow-III

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response

Institute has been organising student enrichment programmes (special lectures / workshops / seminar) involving external experts on a regular basis which helps students in enriching their knowledge.

Programme Type	2012	2013	2014	2015
Guest Lectures	12	13	07	14
Seminar	01	02	01	02
Workshop	Nil	Nil	02	01
Personality development Sessions-AILC	02	02	02	02
Entrepreneurship	-	-	-	-

45. List the teaching methods adopted by the faculty for different programmes.

Response

Faculty members have adopted latest and innovative teaching pedagogy for their teaching and continuous learning. Some of the methods adopted are as follows:

#	Teaching Method
1	Lecture
2	Role Play
3	Case Study
4	Seminars/Workshops
5	Beyond Classroom

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response

Programme learning outcome are defined by Programme review committee as per Bloom's Taxonomy. There are different committees in the institute which ensure that the programme objectives are constantly met. The list of the committees and their roles can be summarised as follows:

Committee	Role
Outcome Assessment Committee	Overall monitoring of the implementation of learning tools for measuring the learning outcomes through direct and indirect measures.
Department IQAC	IQAC has been providing focus in institutional functioning towards quality enhancement. It ensure enhancement and coordination among various activities of the institution and institutionalize all good practices and provide a sound basis for decision-making to improve institutional functioning.
Annual Academic Planning	The purpose of the Academic Planning Committee is to provide oversight of all matters relating to the undergraduate and post graduate educational programs.

47. Highlight the participation of students and faculty in extension activities.

Response

Faculties and students are self-motivated to work for the welfare of the society. Faculties are organising various activities along with students on a continuous basis.

Participation of faculty members in extension activities:

#	Name of Faculty member	Design.	Details of Extension Activity done by faculty member			Role of Faculty member
			Date of Project / Activity	Location	Total number of hours volunteered	
1	Sunil Kadyan	Assistant Professor	March 2016	ASIBAS	06 Hours	Trainer
2	Manish Sharma	Assistant Professor	March 2016	ASIBAS	06 Hours	Trainer
3	Puja Dua	Assistant Professor	Nov 2015- March 2016	ASIBAS	40-60 Hrs	Organiser
4	Rajesh Verma	Assistant Professor	2012-2015	ASIBAS	40-60 Hrs in 2012, 2013, 2014 & 2015	Organiser
5	Stuti Gupta	Assistant Professor	2012-2015	ASIBAS	40-60 Hrs in 2012, 2013, 2014 & 2015	Organiser

Participation of students in extension activities:

Institute has been encouraging students to participate in the extension activities for the welfare of the society on a continuous basis which includes visit to NGOs, Donations, debates, workshops, Blood Donations etc.

48. Give details of “beyond syllabus scholarly activities” of the department.

Response

Ask @ ASIBAS: It is e mailed publication released every month which contains latest happenings / question answers on various products of Banking and Insurance / important guidelines issued by the regulators in BFSI Sector. It is prepared by the students under the guidance of two faculty members.

Banking Beyond Classroom: It is a module available in all papers in Banking domain since 2011. A student centric module wherein students will be required to Read, Comprehend, Present, Learn & Discuss Articles/ Reports etc. as identified / selected by them OR core faculty on matters relating to the subject. It provides the much needed flexibility to bring in the knowledge of the domain. The students also undergo class test from these input from time to time.

Transition Times: Transition Times is a weekly compilation shared between all the students, containing media reports relating to banking. This has helped in motivating the students to read media reports particularly relating to banking and has helped them to be updated on weekly basis. It is released every Monday starting from Mid-July to March-April every academic year.

Financial Expert Advice: It is an activity where faculty test the students on the basis of their understanding of the subject, how much they are capable of facing the real life situations. They are asked to give the advice on financial concerns of the real life situations. This is an innovative activity which helps students in learning by doing.

Awahan: It is a continuous effort of the institute to improve the communication skills and personality development of students for better placements.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response

The following programmes of ASIBAS are accredited apart from university accreditation by WASC & NAAC:

#	Agency	Programme
1	Insurance Institute of India	MBA(I&B) & MBA(I&FP)
2	IACBE, USA	MBA(I&B) & MBA(I&FP)

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response

Institute is contributing in generating new knowledge, basic or applied with the help of organising seminars/workshops in collaboration with the Industry and is highlighting different areas which need attention in the society by all the stakeholders.

Students are guided to work on the new innovative ideas, processes and areas so as to develop new knowledge for the stakeholders.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response

#	Strengths
1	Grooming Human Resource for Insurance, Banking and Actuarial Science domain with values and ethics
2	Innovative Teaching pedagogy, i.e. Awahan Classes for grooming of students, Banking Beyond Classroom, Ask @ ASIBAS, the news that matters for you, Discussion Forums, etc.
3	Interactions with Industry Leaders at regular intervals
4	Skill oriented Certification from FLIP Ltd. accredited by Infosys for Banking Industry
5	Placements in reputed companies since inception.

#	Weaknesses
1	Research Orientation in the specific field
2	Faculty Development programme
3	International Tie-ups
4	Research projects funded by industry and research institutions.
5	To bring more Banks for PG Diploma course for training of employees, like Axis Bank.
#	Opportunities
1	Opening of Public Sector Banks for recruitment
2	Opening of Payment Banks
3	Introduction of New Courses like Risk and Fraud Management
4	More Practical Exposure could be provided with the help of industry projects and industrial visits
5	International Tie Ups with the organisations and research institutions.
#	Challenges
1	Downfall in Admissions in PG Courses because of Increased competition
2	Accreditation or exemption of papers by Actuarial Society
3	Getting the average salary package during placements from 4 lacs to 6 lacs
4	Lack of International Tie-ups with organisations like The Chartered Insurance Institute(CII), UK
5	Non Registration of students for Students abroad Programme(SAP)

52. Future plans of the department.

Response

Future plans of the department are as follows:

1. To introduce new programme like Risk and Fraud Management.
2. To invite more companies for the Placement.
3. To focus on promoting research among faculty members and students.
4. To have more collaboration with professional bodies like CII, ASI, etc.
5. To conduct FDPs in the Institute.
6. To bring projects funded by the industry and research institutions like UGC, IIT, RBI etc.

Evaluative Report (RICS School of Built Environment)

1. **Name of the Department**
Response: RICS School of Built Environment
2. **Year of establishment**
Response: 2013
3. **Is the Institution / Department is part of a School/Faculty of the university?**
Response: YES (Faculty of Management Studies)
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
Response:
 UG
 - BBA- Real Estate Urban Infrastructure (REUI)
 - BBA- Construction Project Management(CM),
 PG
 - MBA-Real Estate Urban Infrastructure (REUI)
 - MBA-Construction Project Management (CPM),
 - MBA-Construction Economics and Quantity Surveying(CEQS)
 - MBA-Infrastructure Management(IM)
 PhD.
5. **Interdisciplinary programmes and departments involved**
Response: Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Response:
 University of Salford (Agreement in April, 13)
 University of Ulster (Study Abroad Agreement in March, 16)
7. **Details of programmes discontinued, if any, with reasons**
 Nil
8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System**
Response:
 Semester & choice based system.
9. **Participation of the department in the courses offered by other departments / institutions**
Response: NIL

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response:

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	7	7	7
Associate Professors	8	8	8
Asst. Professors	11	11	7+4
Others	8	8	8

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response:

RICS-SBE is a global school of excellence in the built environment sector and hence draws an eclectic mix of faculty from both academics and practice. Most of our faculty have not only academic experience but also significant experience in practice. The school prides itself upon its innovative focus on industry involvement and interaction and follows a practice led teaching approach. The School is an industry led academic institution, supported by leading real estate, construction and infrastructure firms. The School aims to bridge the skills gap by delivering employment ready professionals from the day students enter the industry.

Name	Qualification	Designation	Specialization	Experience
Anil Sawhney	PhD, Master BEM	Associate Dean and Director, School of Construction	Construction Management	20
Anupam Jain	MS, BArch	Adjunct Associate Professor	Environment	10
Dr. Satya Mandal	PhD, BE (CIVIL)	Professor	Construction Project Management	35
Gautam Pant	B. Tech (Civil Engg)	Associate Professor	Construction Quality Management	17
Dr. Vanita Ahuja	PhD, M.Tech, B. Tech	Associate Professor	IT and ICT tools for Construction Project Management	20
V. Paul Chaerlesraj	B.Tech (Civil)	Assistant Professor	Construction Project Management, Knowledge Management	15

Raj Veer Singh	MBA, BE	Assistant Professor	Operations Research	11
Nihar Nanyam	M.Tech, B.Tech (Civil)	Assistant Professor	Construction Cost Management	2
Riddha Basu	M.Tech, B.Tech (Civil)	Assistant Professor	Construction	2
Ritu Ahuja	Masters in CPM	Assistant Professor	Lean construction	4
Shrutiniwas Sharma	M. Tech (BEM), B. Arch	Assistant Professor	BIM	4
Taqdees Anjum	Masters in Building Engg.& Mgmt., BE	Assistant Professor	Construction Management	1
Fozail Misbah	Masters in Building Engg.& Mgmt., BE	Assistant Professor	Construction Management	1
KT Ravindran	FRICS,B.Arch	Dean Emeritus	Planning	35
Sunil Agarwal	MBA, Masters Urban Planning, B.E. (Civil)	Associate Dean and Director, School of Real Estate	Real Estate	22
DTV Raghu Rama Swamy	MBA, B.E.	Director, School of Infrastructure, Research & Institutional Consultancy	PPP/Infrastructure Management	20
G K Grover	Masters BEM, B.E. (Civil)	Professor Emeritus	Facilities Management	45
Dr. Anil Kashyap	PhD., B.E. (Civil)	Distinguished Professor	Urban Planning	20
Anjula Negi	Masters Transport Planning	Associate Professor, School of Infrastructure Management	PPP/Infrastructure Management	15
Ashish Gupta	MBA, B.Arch	Associate Professor	Real Estate	13
Anupam Saxena	M.Tech, B.E.	Associate Professor	Real Estate	30
Rakesh Jain	MBA	Associate Professor	Human Resource Management	22
Ameet Sao	MBA	Assistant Professor	Marketing	15
Aparna Soni	Masters Urban Planning.	Assistant Professor	Urban Planning	4

Debarpita Roy	M.Phil., M.A.	Assistant Professor	Economics	4
Kinshuk Saurabh	PhD., MCM, BE	Assistant Professor	Finance	18
Reema Bali	LLM, LLB.	Assistant Professor	Law	10
Saumya Shirina	PGDM	Assistant Professor	Business Communication	14
Saurabh Verma	MBA	Assistant Professor	Finance	07
Shipra Goel	MBA	Assistant Professor	Entrepreneurship	11
Tushar Jindal	PGDM, B.Com	Assistant Professor	Accounting	8
Ben Elder	Distinguished Professor	International Valuation Standards Council and The Appraisal Foundation		30.

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response

RICS-SBE attracts senior people from the industry as well as international academia as visiting fellows. Besides, the School has a number of Adjunct Professors come for 2-3 day every week. In addition to that we have very senior academics and industry professional who teach in the School.

#	Name	Designation in AUUP	Specialisation	Organisation Name	Designation in the Organisation	#	Name	Designation in AUUP	Specialisation	Organisation Name	Designation in the Organisation
1	Professor (Dr.) Mohammad Arif	Senior Visiting Fellow	Project Management, Offsite Construction	University of Salford	Professor	8	Mr. Prabhat Rakheja	Adjunct Professor	Project Management in Lean Construction	RR Consultant	Owner
2	Dr. Jay Mittal	Senior Visiting Fellow	Urban Planning and Real Estate Development	Auburn University	Associate Professor	9	Mr. Nimish Gupta	Adjunct Professor	Quantity Surveying	Qonquests Technical Solutions	Managing Director
3	Professor (Dr.) Mukul Asher	Senior Visiting Fellow	Public Sector Economics and Economics of Social Security	LKY School of Public Policy, NU Singapore	Professorial Fellow	10	Dr. Sanjay Bhattacharya	Adjunct Professor	Strategic Management	Nayadi Healthcare	Director Projects
4	Dr. E.S. Rao	Senior Visiting Fellow	Power and Finance	India Infrastructure Finance Company Limited	Chief General Manager	11	Mr. Anupam Jain	Adjunct Associate Professor	Building Services	Rationale de Design	Principal Consultant
5	Brig. Vinod Nakra	Professor Emeritus	Construction Management	RICS School of Built Environment	Professor Emeritus	12	Mr. Girish Mishra	Adjunct Associate Professor	Plumbing, Fire, and Life Safety Consulting	Saviram Engineering Consultant Pvt. Ltd., Noida	Principal Consultant

6	Col. G.K. Grover	Professor Emeritus	Facility Management	RICS School of Built Environment	Professor Emeritus	13	Ms. Susan George	Adjunct Associate Professor	Building Engineering and Management	Propnix Realty	Consulting Architecture
7	Mr. Satish Bajaj	Adjunct Professor	Real Estate Marketing	Global Inspirations	CEO & Principal Advisor	14	Mr. Prateek Singhal	Adjunct Assistant Professor	Building Information Modeling, Architecture Design	Self Employed	Consultant

13. **Percentage of classes taken by temporary faculty – programme-wise information**

Response ;
MBA-REUI (11%)

14. **Programme-wise Student Teacher Ratio**

Response

#	Programme Name	Student Teacher Ratio
1	BBA REUI	5:1
2	MBA REUI	5:1
3	MBA-CPM	8:1
4	BBA-CM	1:1
5	MBA-CEQS	1:1
6	MBA-IM	1:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Response

The academic support staff (technical) are lab assistants and IT personnel. The academic support staff includes RTAs, and other staff employed in operational roles like Admissions, Examinations, record keeping etc. The administrative staff are members of business development team, and operating managers.

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	17	17	17
academic support staff (technical)	4	4	4
administrative staff	26	26	26

16. **Research thrust areas as recognized by major funding agencies:**

Response:

The School is seeking to further relationships with both national and international funding

agencies. Presented below is the list of some such organization from which we have successfully obtained grants.

#	Funding Agency	Research thrust area
	RICS	Valuation Standards, Built environment, Construction management
	PMI	Project Management, Governance of PPP/BOT Projects
	BMTPC	Alternative building materials
	ADB	Infrastructure development and financing

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise**

Response

The School has received grants from the Asian Development Bank, and the Building Materials and Technology Promotions Council. Though the grants are not very large they reflect the continuous endeavour of the School in developing research networks with organizations of immense repute.

Ongoing Projects	Total Grants Received
National	1
International funding	1
Total	2

Project title	Number of faculty	Funding agencies	Grants received	Year
Support to MoH	D T V Raghu Rama Swamy	Asian Development Bank	4.02 Lacs	2015-16
Testing and Validation of the Multi-attribute Evaluation Framework for Emerging Technologies for Housing	Anil Sawhney/ VPS Nihar Nanyam/ Riddha Basu	BMTPC	6.55 Lacs	2015-16
Comprehensive Implementation Manual for the Factory Made Fast Track Modular Building System	Anil Sawhney/ VPS Nihar Nanyam/ Riddha Basu	BMTPC	16.85 lacs	2015-16

18. **Inter-institutional collaborative projects and associated grants received**

Response

The School has received grants from the Asian Development Bank and has collaborated with the National Institute of Urban Affairs, and the Building Materials and Technology Promotions Council. Though the grants are not very large they reflect the continuous endeavour of the School in developing research networks with organizations of immense repute.

#	Level	Number	Grants received
a	National collaboration	3	Rs 27.42 lacks
b	International collaboration	NA	NA

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Response

The School has not yet received funding from the organizations mentioned above. But, it is hoped that in due course of time we will also work with them.

20. **Research facility / centre with**

Response

The School doesn't have research facility/centre of its own. However, both the students and faculty are encouraged to benefit from such facilities available with the Amity University.

21. **Special research laboratories sponsored by / created by industry or corporate bodies**

Response

The School doesn't have its own research laboratories sponsored by / created by industry or corporate bodies. However, both the students and faculty are encouraged to benefit from such facilities available with the Amity University.

22. **Publications:**

Response

The faculty is engaged in scholarly activities in the area as varied as building information modelling, consumer behaviour, finance and investment of real estate, and corporate governance. Many papers have already been submitted to Journals of repute and they are under active review stage. Following is the number of already published papers.

Description	Number/ Detail	12 - 13	13- 14	14- 15	15- 16
Number of papers published in peer reviewed journals (national / international)		4	2	7	5
Chapters in Books		0	0	0	4
Edited Books	-	0	0	0	1

23. **Details of patents and income generated**

NIL

24. **Areas of consultancy and income generated**

Response

Name of Faculty member	Designation	Expertise of Faculty for Consultancy	Details of Consultancy assignment done by faculty			Role of Faculty member
			Organisation's Name	Year of commencement	Revenue generated (INR)	
Brig. Vinod Nakra	Prof. Emeritus	Project Planning	PMI ORGANIZATION CENTER PVT. LTD	2015	NA	NA
Dr. Anil Sawhney	Associate Dean, Director, SOC	Building Information Modelling	Autodesk India Pvt Ltd	2015	NA	NA
Dr. Anil Sawhney	Associate Dean, Director, SOC	Building Information Modelling	Autodesk India Pvt Ltd	2015	NA	NA
Dr. Anil Sawhney	Associate Dean, Director, SOC	Evaluation of Building Materials	BMTPC	2015	NA	NA
Prof. K.T. Ravindran & Dr. Vanita Ahuja	Dean, & Associate Professor	Urban Planning	National Institute of Urban Affairs	2014	NA	NA
D.T.V. Raghu Rama Swamy	Director, School of Infrastructure	Waste Management	Asian Development Bank	2014	NA	NA
D.T.V. Raghu Rama Swamy	Director, School of Infrastructure	PPP/Infrastructure	Asian Development Bank	2014	NA	NA

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Response

The School has eminent faculty who are associated with international schools.

Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
Anil Sawhney	Associate Dean, Director, SOC	School of Built Environment, University of Salford, UK Honorary Professor As Associate Member, Centre for Sustainable Development	International
Anil Sawhney	Associate Dean, Director, SOC	Grenfell-Baines School of Architecture, Construction & Environment, University of Central Lancashire, UK	International
Anil Sawhney	Associate Dean, Director, SOC	Institute of Lean Construction Excellence, India As Honorary Advisor	National

26. **Faculty serving in**

Response

The School has eminent faculty who are associated with national/international committees and editorial boards.

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board
a	National committees	KT Ravindran	Member	National Expert committee on HRIDAY cities
		KT Ravindran	Chairman	Architectural Heritage Advisory Committee (INTAC)
b	Editorial Boards	KT Ravindran	Member, Editorial Board	Journal of National Heritage Academy
		KT Ravindran	Member, Editorial Board	TECTON, RIZVI College of Architecture
c	International committees	KT Ravindran	Member	Advisory committee of UN Capital Cities Plan
d	any other (please specify)			

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response

The School organizes orientation programmes every year for both new and old faculty. The programme facilitates that the new faculty learn from the older faculty regarding the teaching philosophy, processes, and outcomes expected. They also learn about the organization structure and the administration side of the school. Besides, the School encourages faculty to participate in workshops or seminars organized in and around NCR. The participation is voluntary and many faculty participate depending upon their individual interests. Following is the list of some recent such events.

#	Description	Organised	Attended
a	Refresher		
b	Orientation programs	India Habitat Center	25 faculties attended
c	Workshops		
	Workshop on Decoupling Energy and Resource Use in the Building and Construction Sector	Amaltas Hall, India Habitat Center, 25th May, 2016	Yes
	Getting Serious about Reducing, Managing and Disposing Solid Waste in our Cities	Gulmohar Hall, India Habitat Centre, May 25	Yes
	Half day workshop on Mainstreaming Affordable Housing	Gulmohar Hall, India Habitat Centre, May 19	Yes
	National Seminar on Private Sector Participation in Public Services	Council for Social Development IIC, 28-30 th March	Yes
	Megatrends or Disrupting change: which one will be India's operating dynamic	Gulmohar Hall, India Habitat Centre, March 15	Yes
d	Similar programs (please specify)T		
	Lecture by Prof. Mukul Asher, Lee Kuan Yew School of Public Policy	RICS SBE, 11 th March	Yes

28. **Student projects :**

Response

Because the programmes of the school essentially pertain to management education as the domain, all of our students do in-house projects as part of their credit requirements for summer or non-teaching courses in the School itself. However, the students regularly do assignments for individual courses for respective programmes. Many of these assignments are about companies/projects for which students have to often undertake field visits. Only the internship for management students happens with various organizations in the industry.

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	0%

29. **Awards / recognitions received at the national and international level:**

Response

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	National / International
	Ameet Sao	Assistant Professor	Best paper award at the International conference Fortune Institute of International Business	National

Received by Doctoral / Post doctoral fellows: None

Received by Students:

#	Student's Name	Programme Name	Description of Award / Recognition received	National / International
1	Vijay Diwakar	MBA-CPM	PMI Scholarship	National
2	Parag Goel	MBA-CPM	PMI Scholarship	National
3	Gagandeep Sachdeva	MBA-CPM	PMI Scholarship	National
4	Vishal Chaudhry	MBA-CPM	PMI Scholarship	National

Three students received the scholarship award from the Project Management Institute (PMI) in the year 2016 for outstanding academic achievement. One student had received the same award for our first batch of MBA students graduated in 2015.

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response

Though the School, being a new educational initiative, does not yet organise a conference, yet it surely is working towards it. But we do organise workshops. The details are as following:

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International
1	Smart Cities	Workshop	Hyderabad	National
2	Program Management Professional (based on PMI principles)	Workshop	New Delhi	National

31. **Code of ethics for research followed by the departments**

Response

All members must demonstrate that they:

- Act with integrity
- Always provide a high standard of service
- Act in a way that promotes trust in the profession
- Treat others with respect
- Take responsibility

32. **Student profile programme-wise:**

Response

This School mainly offers programmes to prepare students for construction and real estate professions. Because of the nature of the job or the profession female students, compared to male students, are relatively reluctant to join the School. This probably reflects in the skewness of admissions towards male students. However the school encourage female students to join our programmes.

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BBA-CM	49	29	3	59.18	6.12
BBA-REUI	155	115	9	74.19	5.81
MBA-REUI	244	143	15	58.61	6.15
MBA-CEQS	65	39	4	60.00	6.15
MBA-CPM	512	293	21	57.23	4.10
MBA-IM	52	31	0	59.62	0.00

33. **Diversity of students**

Response

Name of the Programme	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BBA-CM	NA	NA	NA	NA
BBA-REUI	NA	NA	NA	NA
MBA-CEQS	0	19.35%	77.65%	3.00%
MBA-CPM	0	20.00%	79.00%	1.00%
MBA-IM	0	27.00%	73.00%	0.00%
MBA-REUI	0	21.37%	78.63%	0.00%

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

NIL

35. **Student progression**

Response

The School is a young school. Only the first batch of BBA students will be passing out this year. Our first batch of MBA students passed out last year and all of them are employed in the industry. We are proud of the fact that we have achieved almost 100% placement record.

Student progression	Percentage against enrolled
Campus selection	100%

36. **Diversity of staff**

Response

Many of our faculty have achieved advanced degrees including PhD from abroad or other institutions of national importance. However, a large majority have completed their graduation from the neighbouring states of Delhi.

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
of the same university	NIL	0%	0%	0%	0%
other universities within the State		NA	20%	14%	13.5%
universities from other States from		NA	80%	86%	86.5%
universities outside the country		0%	0%	0%	0%

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**
 NIL
38. **Present details of departmental infrastructural facilities with regard to**

Response

The School doesn't have its own large library space. We purchase books and contribute to Amity's Central Library System, which both the students and faculty are encouraged to benefit from. The university offers benefits from its Wi-Fi and other IT facilities to both students and faculty. Besides, the School maintains its own 2 separate link of 15MBPS each for Internet access. We have 14 number of class-rooms available with the School. The number of class rooms increases with the size of student admissions every year. All class rooms are equipped with ICT facilities.

Library	Amity's Central Library System
Internet facilities for staff and students	Yes, 2 separate link of 15MBPS each for Internet access
Total number of class rooms	14
Class rooms with ICT facility	14
Students' laboratories	Computer Lab – 1
Research laboratories	Not required.

39. **List of doctoral, post-doctoral students and Research Associates**

Response

from the host institution/university	<u>RTAs.</u> 1. Kushagra Bhatnagar 2. Saumya Buddhiraja 3. Kashish Arora
from other institutions/universities	PhD.: 1. Saurabh Verma 2. Ritu Ahuja 3. Girish Mishra 4. Ashish Gupta RTAs: 1. Jyoti Singh 2. Nitesh Rohilla 3. Sonika Prakash 4. Kruti Upadhyay 5. Amim Ahmed

40. **Number of post graduate students getting financial assistance from the university.**
NIL
41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response

The Built Environment Sector accounts for nearly 17.5% of the GDP of India, second only to agriculture and is the second largest employer and contributor to total GDP.

Over 50 million people are currently working in the built environment sector and given the level of urbanization and development taking place, this number is going to increase further, with 97 million jobs being available in this sector at the close of the decade.

Therefore, right from designing and constructing houses, to building and repairing bridges, airports, and roads, the industry will have vast employment opportunities to choose from. The sector is also expected to attract large amount of investment to the tune of \$1 trillion in the 12th Five Year Plan (2012-17).

In 2009, Indian construction industry was the ninth largest market in the world estimated at \$246.5 billion and accounting for 3.3% of global market share, as per the Global Construction 2020 report by Oxford Economics.

From 2014-2020, India is pegged to be the second largest market. The RICS has estimated that the above stated situation leads to phenomenal skills challenge and the demand supply gap (82-86%) for the ability of the industry, to deliver projects on time, on cost and to the highest quality.

RICS School of Built Environment aims to address this challenge. Its endeavour is to create a world class institution for education, training, research and standards which is industry led (For the industry, By the Industry) and which creates world class professionals.

42. **Does the department obtain feedback from :**

Response

The curriculum and delivery of programmes is periodically assessed and improved upon. Students provide feedback for the program curriculum, its delivery and other administrative issues twice in each semester. This feedback is in the format prescribed by the University and is uploaded into the online University portal 'Amizone'. Faculty members also provide their feedback periodically. Students and Faculty members feedback is collated and analysed to decide upon the modifications required. At School level, 'Board of Studies' (BOS) is constituted that comprises Head of the Institute, External members of Academic Community and Industry. Once in a semester or as required, 'Board of Studies' meeting is conducted to review the existing course curriculum, examination related issues and other Program related issues. At University level, 'Academic Council' is constituted that comprises Vice Chancellor and other senior faculty members. Changes approved in BOS meeting are forwarded to 'Academic Council' for approval. Once approved by the 'Academic Council' changes are applied.

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	The feedback from faculty is collated and analysed to decide upon the modifications required. Once in a semester or as required, 'Board of Studies' meeting is conducted to review the existing course curriculum, examination related issues and other Program related issues. Changes approved in BOS meeting are forwarded to 'Academic Council' for approval. Once approved by the 'Academic Council' changes are applied.
students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Students provide feedback for the program curriculum, its delivery and other administrative issues twice in each semester. This feedback is in the format prescribed by the University and is uploaded into the online University portal 'Amizone'. Once in a semester or as required, 'BOS' meeting is conducted to review the existing course curriculum, examination related issues and other Program related issues. Changes approved in BOS meeting are forwarded to 'Academic Council' for approval. Once approved by the 'Academic Council' changes are applied.
alumni and employers on the programmes offered and how does the department utilize the feedback?	The industry feedback is obtained in council meetings with them. Thereafter the feedback is reviewed in the BOS for curriculum, examination related issues and other Program related issues. Changes approved in BOS meeting are forwarded to 'Academic Council' for approval. Once approved by the 'Academic Council' changes are applied.

43. **List the distinguished alumni of the department (maximum 10)**
 NIL.
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Response

The School holds a leadership Series as part of student and faculty enrichment programme:- It is an initiative taken by the School of Built Environment to invite the top leaders and renowned personalities of the industry to share their experience and learning with the students which will help students motivate and become leaders for tomorrow.

Name	Company	Topic	Yr
Rohit Raj Modi, Director VP	Ashiana Homes CREDAI	Best Practices to Create Differentiation in Real Estate Housing	2015
Sanjay Bansal, Founder & Managing Partner	Aurum Equity Partners	Real Estate Capital Market	2015
Vishal Gupta, MD	Ashiana Housing	Senior Living	2015
Ambar Maheshwari, Chief Executive	Indiabulls Private Equity	PE Investments in Real Estate	2015
Gulzar Malhotra, Partner & CEO	IPAL Fund Managers	FDI, REIT's in India, Development Scenario and Markets	2016
Akshaya Kumar, CEO	Boutique Advisory	Career in Real Estate	2016
Gillian Charlesworth, Director of Regulatory & Corporate affair	RICS	Research process in RICS	2016
Amit Singhal, AVP, BD	ASF Group of Companies	Wither Real Estate	2016
Shailendra Chauhan, Head- Strategy & Co-ordination	Ansai API	Wither Real Estate	2016
Naveen Garg, National Head- Technical services Group	PNB Housing Finance	Wither Real Estate	2016

Pankaj Renjhen, MD-Retail Services	JLL	Wither Real Estate	2016
Ashok Narang, CEO	SBTL Developers	Wither Real Estate	
Maheshvaran V Aneesh Kadyan Chandranathan U	IFMA	IFMA Student Chapter Launch	2016

The School has constituted a student body 'Student Learning Innovation Networking Group (SLING)'. This student body manages conducting expert lectures in the Institute and other similar educational and cultural events. Several clubs have now been formed under the aegis of SLING giving an opportunity to the students to join various club communities as per their interest.

The India Green Building Council (IGBC) student chapter, and International Facilities Management Association (IFMA) student chapter have also been constituted in the Institute and students are encouraged to participate in its events.

Students also participate in University level student cultural and sports activities.

45. **List the teaching methods adopted by the faculty for different programmes.**

Response

Programme	Lecture	Tutorials	Case
MBA-CPM	Yes	Yes	Yes
MBA REUI	Yes	Yes	Yes
BBA - REUI	Yes	Yes	Yes
MBA-IM	Yes	Yes	Yes

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response

Program Learning Outcomes have been mapped as the knowledge, skills and understanding that would be gained by students. Assessment components of each subject are planned for evaluating students' knowledge for specific Learning outcomes. Both the outcomes of assessment and feedback mechanisms are then employed for revision of curriculum to meet programme objectives and learning outcomes.

Knowledge:

Graduates:

- Will have the knowledge of principles for successful delivery of projects (real estate or construction) by not only integrating the inputs of specialists such as architects, structural engineers, electrical engineers, sustainability experts, but also possess expertise in finance and marketing of real property.

- Will have breadth of exposure to the knowledge areas of project management, business management, construction, sustainability and behavioural aspects
- Will be equipped with models, tools, and techniques to manage time, cost, quality, safety, risk, sustainability and human resources in the built environment sector.
- Will be well versed with principles of accounting, corporate law, marketing and financial principles as they apply to real estate activities.
- Will have sound knowledge of research methodologies to undertake any research work
- Will be aware of the code of ethics and professional practice standards.

Skills:

- Will have analytical, technical and financial skills
- Will have the ability to work effectively in a group or as individual in a professional environment.
- Will have good data analysis, verbal, graphical communication and writing skills.

Understanding:

- Will have understanding of various facets of built environment
- Will have understanding of complex interrelationships that exist between time, space and capital in real estate and construction context and the social, economic, political and legal environment in which real estate and infrastructure projects are used, invested, financed, developed, constructed and managed.
- Will have understanding of relevant qualitative and quantitative methods, approaches for risk management, safety measure and environmental issues.

47. Highlight the participation of students and faculty in extension activities.

Response

Participation of students in extension activities:

Name of Student	Details of Extension Activity done by Student			Role of Student
	Date of Project / Activity	Location	Total number of hours volunteered	
Manan Mehrotra Anisha Jain Mekee Kumar prashar Hari Krishna K. siva Swaroop Pava Kumar MS Akansha Tyagi Akarsh J.M Praveen	06-03-2016 (Sunday)	Yamuna Bank	8	Cleaning Yamuna bank

48. **Give details of “beyond syllabus scholarly activities” of the department.**

Response

Types of Scholarly activities are attached as annexure-1.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response

The programmes MBA-CPM, MBA-REUI, MBA-IM, BBA-REUI have already been accredited by RICS. RICS, a leading global professional body that accredits professionals within the land, property and construction sectors worldwide. The MBA-CPM programme has also been accredited by the Project Management Institute (PMI), the pre-eminent body on learning and research related to project management.

Accredited		
	RICS	PMI
MBA-CPM	Yes	Yes
MBA REUI	Yes	
BBA - REUI	Yes	
MBA-IM	Yes	

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response

Faculty members are encouraged to be research active and are supported for conducting research. They are also financially supported for presenting papers in national and international conferences. Research includes academic research as well as industry oriented research. List of research papers published and the consultancy assignments are enclosed.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response

#	Strengths
1	The program is accredited by RICS, a leading global professional body that accredits professionals within the land, property and construction sectors worldwide.
2	The program has been designed as an industry led program, catering directly to the overwhelming demand of the built-environment sector in India
3	Almost all faculty members have industry and academic experience and are able to impart practical knowledge with theoretical base. These are the strengths of the program.
4	Post the degree the students are eligible to appear for an evaluation by RICS after two years of work experience. This gives a huge fillip to the employability of the students

5	RICS membership is a globally recognized and valued.
#	Weaknesses
1	Scale
2	Attracting good local faculty
3	Infrastructure
#	Opportunities
1	The Built Environment Sector accounts for nearly 17.5% of the GDP of India and given the level of urbanization and development taking place, this number is going to increase further, with 97 million jobs being available in this sector at the close of the decade.
2	The sector is also expected to attract large amount of investment to the tune of \$1 trillion in the 12 th Five Year Plan (2012-17).
3	From 2014-2020, India is pegged to be the second largest market for construction and real estate.
4	The RICS has estimated that the above stated situation leads to phenomenal skills challenge and the demand supply gap (82-86%) for the ability of the industry, to deliver projects on time, on cost and to the highest quality.
5	NICMAR is the only competitor institute offering a programme in similar discipline of construction project management. In the area of real estate management India has no other programme of some standing.
#	Challenges
1	The School has ambition of scale up. However, in the weak economic environment in the real estate sector indicates that scaling up might remain a challenge.
2	Maintaining quality with growth as a result of the challenge coming from scaling up
3	Infrastructure creation for the additional growth
4	Attracting talented students for the growth opportunities, given that construction or real estate management are not seen as high-tech industries by students
5	Implementing the current framework

52. **Future plans of the department.**

Response

- Enhance collaboration and association with educational institutes in the built environment space, to enrich the learning experience and research activities.
- Enhance faculty base to cater to the increased number of students, by selecting professional with desired industry experience.
- Create a body of the RICS certified professionals in the country bringing professionalism in the Indian Built Environment Sector
- Develop a strong alumni base which would not only help the fellow students but create a stronger brand of RICS SBE.
- The Built Environment Scenario in India does not widely recognize the need for creation of a cadre having professional training in project management at the appropriate level. The School is working on this account by creating awareness in this regard through in various for a of industry interaction

Faculty of Science, Engineering & Technology

Engineering Technology		Page #
1	Amity School of Engineering and Technology(ASET)	255-362
2	Amity Institute of Aerospace Engineering(AIAE)	363-384
3	Amity Institute of Information Technology(AIIT)	385-461
4	Amity Institute of Telecom Engineering & Mgmt(AITEM)	462-516
5	Amity Institute of Nuclear Science & Technology(AINST)	518-538
6	Amity Institute of Space Science & Technology(AISST)	539-551
7	Amity Institute of Renewable & Alternative Energy(AIRAE)	553-572
Science & Technology		
1	Amity Institute of Applied Sciences(AIAS)	573-615
2	Amity Institute of Forensic Sciences(AIFS)	616-634
3	Amity Institute of Food Technology(AIFT)	635-654
4	Amity Institute of Nano Technology(AINT)	655-678
Natural Resources & Environment Sciences		
1	Amity Institute of Environmental Sciences(AIES)	680-697
2	Amity Institute of Advanced Research & Studies (Materials & Devices)(AIARS(M&D))	699-717
3	Amity School of Natural Resources and Sustainable Development(ASNRSD)	698-717
4	Amity Institute of Geo Informatics & Remote Sensing(AIGRS)	719-742
5	Amity Institute of Wildlife Sciences(AIWS)	742-758
6	Amity Institute for Environmental Toxicology, Safety and Management (AIETSM)	759-773
Agriculture and Allied sciences		
1	Amity Institute of Organic Agriculture(AIOA)	774-786
2	Amity Institute of Horticulture Studies & Research(AIHSR)	787-796

Evaluative Report (Amity School of Engineering and Technology)

1. **Name of the Department:** Amity School of Engineering and Technology (ASET)
2. **Year of establishment:** 2003, integrated with AUUP in 2005
3. **Is the Institution / Department is part of a School/Faculty of the university?**

Response:

Yes, the Institution is part of Domain of Engineering and Technology (Faculty of Science, Engineering and Technology), AUUP

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)**

Response:

ASET offers 12 Under Graduate, 5 Integrated Master's Programmes, 24 Post Graduate programmes, Ph.D programmes in the domain of Engineering, Computer Sc, Electronics and Communication Engineering, Mechanical and Automation Engineering, Civil Engineering and Electrical and Electronics Engineering.

- B.Tech (Computer Science & Engineering)
- B.Tech (Computer Science & Engineering) -3C
- B.Tech (Electronics & Communication Engineering)
- B.Tech (Electronics & Communication Engineering) - 3C
- B. Tech (Mechanical & Automation Engineering)
- B. Tech (Mechanical & Automation Engineering) - 3C
- B. Tech (Automobile Engineering)
- B. Tech (Information Technology)
- B.Tech (Electrical & Electronics Engineering)
- B.Tech (Electronics & Instrumentation Engineering)
- B.Tech (Civil Engineering)
- B.Tech (Civil Engineering) -3C
- B.Tech.(Computer Science & Engineering) + MBA
- B.Tech (Electronics & Communication Engineering) + MBA
- B. Tech (Mechanical & Automation Engineering) + MBA
- B. Tech (Mechanical & Automation Engineering) + M. Tech (Automobile)
- B.Tech (Civil Engineering) + MBA
- M.Tech (Computer Science & Engineering)
- M.Tech (Data Science)
- M.Tech (Cloud Computing)
- M.Tech (Electronics & Communication Engineering)
- M.Tech (VLSI)
- M.Tech (Embedded System)
- M.Tech (Wireless Communication)
- M.Tech (Biomedical Engg.)
- M.Tech (Mechatronics)
- M.Tech (Industrial and Production Engineering)
- M.Tech (Automobile Engineering)
- M.Tech (Engineering Design)

- M.Tech (Information Technology)
- M.Tech (Software Engineering)
- M.Tech (Computer Networks & Information Security)
- M.Tech (Power Systems)
- M.Tech (Control Systems)
- M.Tech (Structural Engineering)
- M.Tech (Environmental Engineering)
- M.Tech(Computer Science & Engineering) Weekend
- M.Tech (Electronics & Communication Engineering) Weekend
- M.Tech (Information Technology)Weekend
- M.Tech (Software Engineering) Weekend
- M.Tech (Power Systems) Weekend
- Ph.D. in Computer Science & Engineering - Full Time
- Ph.D. in Electronics & Communication Engineering - Full Time
- Ph.D. in Electrical Engineering - Full Time
- Ph.D. in Civil Engineering - Full Time
- Ph.D. in Engineering - Full Time
- Ph.D. in Engineering - Part Time
- Ph.D. in Computer Science & Engineering - Part Time
- Ph.D. in Electronics & Communication Engineering - Part Time
- Ph.D. in Electrical Engineering - Part Time
- Ph.D. in Mechanical & Automation Engineering – Part Time
- Ph.D. in Civil Engineering - Part Time

5. **Interdisciplinary programmes and departments involved:**

Response:

Interdisciplinary programmes broaden the students' core knowledge and critical thinking. The integration of several discipline leads to better innovations and solutions. With information from areas outside of basic engineering, students have flexibility to work in different type of industries. Students are able to think more critically about how to design and what those designs might mean for specific people or the environment. Many times the students get preference from different employers for variety of job profile. The Institute offers interdisciplinary programmes in collaboration with Amity Business School. The programmes offered are:

- B.Tech. (CSE)+MBA
- B.Tech. (ECE) + MBA
- B. Tech. (MAE) + MBA
- B.Tech. (CE) +MBA

6. **Courses in collaboration with other universities, industries, foreign institutions, etc:**

Response:

The aim of these courses is to give our students global exposures making them enable to compete in an international environment. Studying abroad not only enriches their knowledge but also gives incredible new outlooks. Industry oriented courses help students to meet the aspirations of industries and corporate world. Apart from the regular courses industry oriented courses helps students to be industry ready.

Institute has collaborations with following universities and industries:

Sr. No.	University Name	Programme Name
1	Arizona State University, USA	B.Tech. (CSE)
2	CERN Lab, Switzerland	B.Tech. (CSE)
3	Drexel University, USA	B.Tech. (CSE)
4	IOWA State University, USA	B.Tech. (CSE)
5	Lakehead University, Canada	B.Tech. (CSE)
6	National University of Singapore	B.Tech. (CSE)
7	Progia, USA	B.Tech. (CSE)
8	Purdue University, USA	B.Tech. (CSE) B.Tech. (ECE) B.Tech. (IT)
9	University of Florida, USA	B.Tech. (CSE)
10	University of Massachusetts, USA	B.Tech. (CSE)
11	University of Texas, Arlington	M.Tech (CSE)
12	York University, Canada	M.Tech (CSE) M.Tech (IT)
13	Beijing Institute of Technology, China	M.Tech (CSE)
14	National Tsing Hua University, Taiwan	M.Tech (CSE)
15	Singapore University of Technology and Design (Established by MIT, USA)	B.Tech. (CSE)
16	Nanjing University of Aeronautics and Astronautics, CHINA	B.Tech MAE+ M.Tech Auto. Dual Degree B.Tech (Auto) B.Tech (AE) B.Tech. (I.T)
17	Amity London Campus, UK	B.Tech. (CSE)
18	SLAC, Stanford University, USA	B.Tech. (CSE)
19	Northampton University, UK & Amity London Campus, UK	B.Tech. (CSE) B.Tech. (CSE) -3C B.Tech. (CE) B.Tech (MAE) B.Tech (ECE)
20	Amity Dubai Campus	B.Tech. (CSE) B.Tech. (MAE)

21	Swinburne University of Technology, Australia	B.Tech. (CSE) B.Tech. (CSE) -3C B.Tech. (MAE) B.Tech. (IT) B.Tech (ECE)
22	Information Storage Management (EMC ²)	B.Tech. (CSE) B.Tech.(IT)
23	Cloud Infrastructure Services (EMC ²)	M.Tech. (CSE)
23	BSI Courses:- 1. Quality Management 2. Environment Management 3. IT Service Management 4. Food Safety Management 5. Energy Management 6. OHSAS 7. Information Security Management 8. Lean Management 9. Risk Management 10. Six Sigma 11. Business Continuity Management	All B.Tech Programmes
24	Designing & Maintaining Web Application / IT-ITeS Sector Skills Council NASSCOM (Web Developer)	B.Tech (IT)
25	Installation And Maintenance of Solar Power Plants in Buildings	B.Tech (EEE) B.Tech (E&I)
26	QA Processes and Systems (Industry collaboration : Automotive Skill Development Counsel, Qualifications Pack - QA Standards In-charge level 5	B.Tech. MAE, B.Tech. (MAE)+ M.Tech. (AME) B.Tech. (MAE) + MBA
27	QA processes, planning and implementation (Industry collaboration : Automotive Skill Development Counsel, Qualifications Pack - QA Standards In-charge level 5	B.Tech. MAE, B.Tech. (MAE)+ M.Tech. (AME) B.Tech. (MAE) + MBA
28	Embedded Software Engineer (Electronics Sector Skills Council of India, ESSCI)	B.Tech. (ECE); M.Tech. (EST, ECE, VLSI)
29	Test Engineer (NASSCOM)	B.Tech (CSE)
30	DCS Certification Program (Dlink)	B.Tech (CSE)

7. **Details of programmes discontinued, if any, with reasons :** Nil

8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System:**

Response: Following systems are followed by institute:

- Semester System
- Choice based Credit System

9. **Participation of the department in the courses offered by other departments / institutions:**

Response:

ASET encourages the interdisciplinary study and provides flexibility both at program level and course level. A large number of courses related to engineering domain are offered to the students of other domains. Also university's choice based credit system (CBCS) allows the students of ASET to opt for courses of their choice which are offered by different institutions of AUUP. Curriculum provides flexibility of credit choice to the students who opt to complete some credits from international Universities.

Institute has participation in courses of the following institutions:

Course name	Department / Institution Name
Open Elective	
Basic Skills of Athletics	ASPESS
Basic Skills of Cricket	
Basic Skills of Football	
Basic Skills of Hockey	
Basic Skills of Badminton	
Basic Skills of Football	
Basic Skills of Yoga	
Basic Skills of Tennis	
Amity Cadet Corps	
Entrepreneurship General Awareness Camp	ABS
Fundamentals of Entrepreneurship	
Elements of Aerospace Engineering	AIAE
Computer Communications and Networking	AIIT
Unix Operating System and Shell Programming	
Introduction to Enterprise Resource Planning	
Image Processing	
Matlab Programming	
E-governance	
Human Computer Interaction	
Advanced Material Characterization Techniques	AIRAE
Cellular Communications and GSM	AITEM
CDMA and 3G	
Broadband Access Technologies	
Optical Communication	

Telecom Organizations and Regulatory Policies	ASFT
Innovative Surface Designing for Textiles	
Fashion Sketching	
Color Theory	
Introduction to Sewing Techniques	
The Art of Window Display	
Textiles for Beginners	
Traditional Textile and Embroidery	
Introduction to Textile Design	
Innovative Surface Designing for Textiles	
Introduction to Embroideries	
Character Design for Animation	ASFA
Drawing Techniques for Animation	
Illustration Design	
General Plant Tissue Culture	AIB
Ornamental Pisciculture	
Basics of Cancer	
Organic Composting and Mushroom Cultivation	
Plants for Human Health	
Life Style Related Diseases	AUBSI
Energy Management Systems	
IT Service Management Systems	
Risk Management - BSI	
Lean Management	
Six Sigma Green Belt	
Food Safety Management Systems	AICISM
Skills for Success	
Principles of Economics	ASE
Micro Economics- I	
Fundamentals of Event Management	ASCO
Basics of Print Media	
Women and Social Work	
Photography for Beginners	
Basics of Anchoring for Radio and TV	
Food Plant Sanitation	AIFT
Food Beverages	
Properties And Applications Of Carbon Nanomaterial	AINT
Biological Applications of Nanomaterial	
Nano Electronics	
Thin Film Technology and MEMS	
Semiconductor Nanostructures for Devices Ap	

Atomistic Modeling of Nanomaterials and Devices	ASPA
Nanomagnetic Materials and Applications	
Kathak-I	
Bharatnatyam-I	
Odisi-I	
Kuchipudi-I	
Sitar-I	
Guitar-I	
Tabla-I	
Synthesizer-I	
Vocal -I	
Basic Material Sciences	
American Novel	AIESR
Advanced Creative Writing in English	
Domain Elective	
Database Management Systems	ASET- Department of CSE
Computer Organization and Architecture	
Fundamentals of Mobile Computing	
Software Project Management	
Green Computing	
Data Warehousing and Data Mining	
Data Structures and Algorithm Design	
Advance Mobile Computing	
Data Compression and Techniques	
Embedded Software Engineer	
Principal of Programming Language	
Graphical User Interface Design	
Embedded Software Engineer - UG	
IT Infrastructure Management	
Mobile Application Development	
Information Assurance and Security	
Introduction to Cloud Computing	
Open Source Application Development Technologies	
E-commerce and ERP	
Cyber and Information Security	
Introduction to Java Programming	
Advanced Information Security	
Social Network Analytics	
Concepts & Applications of IT	
ICT and Sustainable Development	

Information Security Policies in Industries	
Software Project Estimation and Planning	
System Simulation and Modeling Techniques	
IT Infrastructure Management	
Introduction to Knowledge Management	
Non Destructive Testing	ASET- Department of ME
Computer Aided Design	
Finite Element Methods	
QA Processes and Systems	
Supply Chain Management - Planning	
Operations Research	
Digital Measurement Techniques	ASET- Department of EEE
Consumer Electronics	ASET- Department of ECE
Multimedia Applications	
Digital Systems and Microprocessors	
Home Health Monitor Appliances	
Battlefield Electronic Systems	
Embedded Systems	
Wireless Sensor Networks	
Principles of Communication Engineering	
Object Oriented Programming Using C++	AIAS
Research Methodologies	AIIT
EAC	
Fundamentals of Entrepreneurship	ACED
Entrepreneurship and New Venture Creation	

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others):**

Response:

Apart from the faculties given in table below we have faculties teaching value added courses and open and domain electives.

Cadre details are given below:

Teaching Staff	Sanctioned	Filled	Actual
Professor	35	19	19
Associate Professors	71	20	20
Assistant Professors	213	247	247
Teaching Assistants		3	3
Lecturer		1	1

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Response: Following are the faculty details in specified areas:

#	Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D Students guided for last 4 years
1	Prof. (Dr.) Abhay Bansal	ME, MBA, Ph.D	Professor, Jt. Head, ASET, Director-DICET, HOD CSE	Data Mining, System Programming, Web Technology, Computer Graphics, Java Programming	22	Awarded-1 Pursuing-7
2	Prof. (Dr.) M.K. Dutta	Ph.D	Professor, Jt. Head, ASET, Addl Director-ADET, HOD ECE	Tools and Applications of Multimedia Signal Processing, Digital Watermarking & Encryption techniques of multimedia signals, Image Processing, Computer Vision & Pattern Recognition, Audio Signal processing, Feature extraction from audio signals and its application, Time-frequency analysis of Signals using STFT & Multi-resolution methods like Wavelet Decomposition, Medical Image Segmentation, Fundus Image	14	6

3	Prof. (Col.) Kaiser Singh	M. Tech, MBA, Ph.D (Pursuing)	Professor & Dir. Student Affairs	Electronics & Electrical	41	NA
4	Dr. Ravi Prakash	Ph.D	Professor & Advisor	Materials Engineering	40	3
5	Prof.(Dr.) K.M Soni	B.E, M.E, Ph.D	Professor, Dy. Dean, Domain- Engg. & Technolog y	Power Generation, Power Quality, Power electronics, Signal Processing	16	5
6	Prof. P.K.Rohatgi	Post Graduate Engineeri ng & Diploma in Manage ment	Professor, Head CRC	Industrial Production	49	NA
7	Prof. J.Bhattachar jee	M.Tech	Professor	Structural Engg	42	NA
8	Prof. Vivek Kumar	M.Tech, Ph.D (Pursing)	Professor, Dy. Director- Infrastruct ure & Devel.	Alternative Fuels and IC Engines	24	NA
9	Col. (Rtd.) Rajiv Jayaswal	M.Tech	Professor	Radar Signal Processing	39	NA
10	Dr. H.P. Singh	Ph.D	Professor, HOD EEE	Instrumentation	17	1
11	Dr. Priya Ranjan	Ph.D	Professor	Control System	17	8
12	Dr. M.R. Tripathy	Post Doc, Ph.D	Professor	Antenna & RF Devices	21	8
13	Dr. S.K. Sinha	Ph.D	Professor	Power System	20	4
14	Dr. Deepti Mehrotra	Ph.D	Professor, Head- Accreditat ion, Ranking	Data Mining, Secuirty, Web Engineering	20	Award ed-3 Pursui ng-8

15	Dr. J.K. Rai	Ph.D	Professor, Dy. HOD ECE	Biped Robots, Medical Image and Signal Processing, Communication Engineering	17	6
16	Dr. Achhaibar Singh	Ph.D	Professor	Thermal and Fluids	23	NIL
17	Dr. Anu Mehra	Ph.D, Post Doc	Professor	Digital and Analog Circuit Design	19	4
18	Dr. Gopal Nandan	Ph.D	Professor	Heat Transfer	16	NIL
19	Dr. Gyanendra Kumar Singh	Ph.D	Professor	Advance Manufacturing Processes. Hybrid Manufacturing Processes, Material processing and Design of Experiments	15	1
20	Dr. Pradeep Kumar	Ph.D	Associate Professor	Voltage/current mode filter Design, Microele ctronics, VLSI Design	12	6
21	Dr. P.M. Tiwari	PhD.	Associate Professor	Control System	16	NA
22	Ms. Madhuri Kumari	M.Tech, Ph.D (Pursuing)	Associate Professor, Dy. Director- Placement and Industry Relation	GIS	17	NA
23	Dr. Shailendra Narayan Singh	M. Tech, Ph.D.	Associate Professor	Software Engineering, Networking, Mobile Computing	18	6
24	Dr. Nitin Rakesh	M. Tech, Ph.D.	Associate Professor, Dy. Head- CRC	Network & Cloud computing	10	8
25	Dr. A. Sai Sabitha	Ph.D	Associate Professor,	Data Mining	15	NA

			HOD IT			
26	Dr. Ashish Mani	Ph.D	Associate Professor, Head R & P	Control System	18	6
27	Dr. Archana Singh	Ph.D	Associate Professor	Data Mining, CRM, ICT	17	NA
28	Mr. Shyamal Samant	M.E.	Associate Professor	Mechanical Engg	24	NA
29	Dr. Vineet Bajaj	Ph.D	Associate Professor	Structural and Construction Engg.	8	NIL
30	Dr. R.K.Tyagi	Ph.D	Associate Professor	Design	12	5
31	Dr. Rajendra Kr. Shukla	Ph.D	Associate Professor, Dy. HOD ME	Production Engg.	20	NA
32	Dr. Varinder Kr. Mittal	Ph.D	Associate Professor	Manufacturing Engg. & Management	13	NIL
33	Dr. R.K.Tomar	Ph.D	Associate Professor, HOD CE	Environmental Engg.	25	NIL
34	Dr. Basant Singh Sikarwar	Ph.D	Associate Professor, HOD ME	Simulation of Biological Fluid; Numerical Fluid Flow and Heat Transfer; Energy Storage; Two Phase Flow, Boiling and Condensation : Filmwise and Dropwise	12	3
35	Dr. Sindhu Hak Gupta	Ph.D.	Associate Professor	Communication Systems	16	NA
36	Dr.Ravinder Kumar	PhD	Associate Professor	Production & Industrial Engg.	15	2
37	Dr.Seema Verma	M.Tech(CS), Ph.D	Associate Professor	Network Security	15	5
38	Dr Anupama Prakash	Ph.D	Associate Professor	Power System	18	1

39	Dr.Ashwini Kumar Dubey	Ph.D	Associate Professor	Digital Image Processing, Control Systems	9	6
40	Ms. Nitasha Hasteer	M.Tech, Ph.D (Pursuing)	Assistant Professor, Dy. Director-Academic s	Software Engineering, Software Project Management, Software Process Modeling	15	NA
41	Dr. M. Parth Sarathi	Ph.D	Assistant Professor	Image Processing	13	NA
42	Mr. Manish Sharma	M.Tech.	Assistant Professor	Signal Processing	11	NA
43	Dr.Sanmukh Kaur	Ph.D	Assistant Professor	Electronics & Comm Engg	14	NIL
44	Mr. Sanjeev Saxena	M.Tech	Assistant Professor	Lasers, optical communication	13	NA
45	Ms. Shuchismita Pani	M.Tech, Ph.D (Pursing)	Assistant Professor	Communication	10	NA
46	Ms. Anita Thakur	M.Tech.	Assistant Professor	Instrumentation	12	NA
47	Dr. Neeraj Khera	Ph.D	Assistant Professor	Embedded Control System; Intelligent Instrumentation; Telemetry and Telecontrol for IoT and Photovoltaic System	15	NA
48	Ms. Asmita Rajawat	M.E.	Assistant Professor	Communication	8	NA
49	Dr. Rinki Gupta	Ph.D.	Assistant Professor	Signal Processing	7	NA
50	Mr. Gaurav Chitranshi	M.Tech, Ph.D (Pursuing)	Assistant Professor	Embedded Systems	5	NA
51	Mr. Bhupendra Singh	M.Tech, Ph.D (Pursuing)	Assistant Professor	Communication	6	NA
52	Mr. Manmohan	M.Tech, Ph.D (Pursuing)	Assistant Professor	Signal Processing	8	NA

53	Ms. Richa Sharma	M.Tech, Ph.D (Pursuing)	Assistant Professor	Digital Systems	8	NA
54	Mr. Devesh Kumar	M.Tech	Assistant Professor	Communication System	7	NA
55	Mr. Lala Bhaskar	M.Tech., Ph.D (Pursuing)	Assistant Professor	VLSI Design/Embedded Systems	7	NA
56	Mr. Rahul Kr. Verma	M.Tech, Ph.D (Pursuing)	Assistant Professor	Antenna Microwave	10	NA
57	Ms. Monica Kaushik	M.Tech, PhD (Pursuing)	Assistant Professor	Wireless Communication	7	NA
58	Ms. Monika Arora	M.Tech, Ph.D (Pursuing)	Assistant Professor	Signal Processing, Control System	7	NA
59	Ms. Garima Mahandru	M.Tech, Ph.D (Pursuing)	Assistant Professor	Electronics and Communication	6	NA
60	Mr. Ashutosh Gupta	M.Tech, Ph.D (Pursuing)	Assistant Professor	VLSI design and Embedded System	8	NA
61	Mr. Sachin Rajput	MTech.	Assistant Professor	VLSI	6	NA
62	Mr. Paurush Bhulania	M.Tech, Ph.D (Pursuing)	Assistant Professor	VLSI Design	6	NA
63	Ms. Shalini Sah	M.Tech, Ph.D (Pursuing)	Assistant Professor	Antenna Design, FSS, metamaterial, Digital Communication	12	NA
64	Mr. Sunil Kumar	M.Tech, Ph.D (Pursuing)	Assistant Professor	ICT	7	NA
65	Ms. Shikha Bathla	M.Tech, Ph.D (Pursuing)	Assistant Professor	VLSI Design	6	NA

66	Ms. Garima Vyas	M.Tech, Ph.D (Pursuing)	Assistant Professor	Electronics and Communication	8	NA
67	Mr. Haneet Rana	M.Tech, Ph.D (Pursuing)	Assistant Professor	Signal Processing & Control	5	NA
68	Mr. Gagan Minocha	M.Tech, Ph.D (Pursuing)	Assistant Professor	Mixed Signal Processing	3	NA
69	Mr. Prateek Singh Sengar	M.Tech.	Assistant Professor	Signal Processing	3	NA
70	Mr. Anish Kumar	M.Tech., Ph.D (Thesis submitted)	Assistant Professor	Solid Mechanics and Design	1	NA
71	Dr. Sabita Madhavi	Ph.D	Assistant Professor	Hydraulics Engg.	6	NIL
72	Dr. Rajni Saggu	Ph.D	Assistant Professor , Dy. HOD CE	Environmental Engg.	8	NIL
73	Dr. Sanjeev Mukharjee	Ph.D	Assistant Professor	Geotechnical Engg.	10	NIL
74	Dr. Naga Swetha	Ph.D	Assistant Professor	Transportation Engg.	9	NIL
75	Mr. N.B.Mishra	M.Tech	Assistant Professor	Structural Engg.	17	NA
76	Mr. Prakhar Duggal	M.Tech	Assistant Professor	Structural Engg.	3	NA
77	Mr. Ashish Kayshap	M.Tech	Assistant Professor	Geotechnical Engg.	2	NA
78	Ms. Ruchi Tah Tripathi	M.Tech	Assistant Professor	GIS	4	NA
79	Ms. Yogesh Kaushik	M.Tech	Assistant Professor	Structural Engg.	2	NA
80	Ms. Punj Lata Singh	M.Tech, Ph.D (Pursuing)	Assistant Professor	Fluid Mechanics	6	NA
81	Ms. Megha Sharma	M.E.	Assistant Professor	Thermal Engineering	13	NA

82	Mrs Nazma Ethesham	M.Tech, PhD Pursuing	Assistant Professor	Machine Design and Robotics	12	NA
83	Mr. Hemant Chouhan	M.Tech. (IIT Delhi)	Assistant Professor	Production Automation, Robotics	13	NA
84	Dr. Meeta Sharma	Ph.D.	Assistant Professor	Thermal Engineering	14	NA
85	Mr. Krishna Mohan Agarwal	M.Tech	Assistant Professor	Energy	14	NA
86	Mr. Priyank Srivastava	M.Tech	Assistant Professor	Manufacturing system modeling and operation management	12	NA
87	Mr. Naveen Anand Daniel	M.Tech	Assistant Professor	Ind & Production	16	NA
88	Dr. Umesh Kumar Vates	Ph.D	Assistant Professor	Manufacturing	13	NIL
89	Mr. Vinayak B. Hemadri	M.Tech. (Ph.D. Submitted)	Assistant Professor	Energy System Engg. (Ph.D in Thermal Power Generation)	13	NA
90	Mr. Sanjeev Kumar Sharma	M.Tech.	Assistant Professor	Energy (M.Tech) Fluid (Ph.D.)	13	NA
91	Dr. Rohit Sharma	Ph.D	Assistant Professor	Industrial & Production	6	NIL
92	Mr. Shubham Sharma	PhD Pursuing	Assistant Professor	Production	7	NA
93	Mr. Rahul Sindhwani	M.Tech.	Assistant Professor	Industrial & Production	6	NA
94	Ms. Medhavi Sinha	Ph.D Pursuing	Assistant Professor	CAD	8	NA
95	Mr. Naveen Kumar	Ph.D Pursuing	Assistant Professor	Production	8	NA
96	Mr. Prem Narayan Vishwakarma	M.Tech	Assistant Professor	CAD/ CAM	4	NA
97	Ms. Smita Barla	M.Tech	Assistant Professor	Heat Power	4	NA
98	Mr. Manish Kumar Ojha	M.Tech	Assistant Professor	Industrial Engg. & Management	4	NA

99	Ms. Richa Sharma	M.Tech	Assistant Professor	Industrial Manufacturing Systems	7	NA
100	Mr. Mohit Bhandwal	M.Tech	Assistant Professor	Robotics	4	NA
101	Mr. Sumit Sharma	M.Tech.	Assistant Professor	Metallurgical and Material Engineering	4	NA
102	Mr. Prithish Shubham	M.Tech	Assistant Professor	Design	4	NA
103	Mr. Vipin Kaushik	Ph.D (Pursuing)	Assistant Professor	Machine Design	3	NA
104	Mr. Sanatan Ratna	M.Tech	Assistant Professor	Production Engg.	2	NA
105	Mr. Akash Yadav	M.Tech	Assistant Professor	Energy	3	NA
106	Dr. Vikas Kumar	Ph.D	Assistant Professor	Design Vibration	8	NIL
107	Mr. Jaspreet Hira	M.Tech	Assistant Professor	Thermal, Automobile, Hybrid MMC (Metal Matrix Composites)	6	NA
108	Dr. Pallav Gupta	Ph.D.	Assistant Professor	Material Science and Engineering	4	NIL
109	Dr. Varsha Jain	Ph.D	Assistant Professor	Computer Networks, Mobile Computing, Embedded System	5	NIL
110	Ms. Neetu Faujdar	M. Tech, Ph.D Thesis Submitted	Assistant Professor	Algorithms & TOC	1	NA
111	Dr. Dilbagh Panchal	Ph.D	Assistant Professor	Reliability and Maintenance, Process Plant, Decision making under Uncertainty	4	NIL
112	Dr. Ashutosh Mishra	Ph.D	Assistant Professor	Thermal Engineering	2	NIL
113	Mr. Kushal Kamboj	M.E.	Assistant Professor	Manufacturing Technology	3	NA
114	Mr. Umesh Jamwal	M.Tech.	Assistant Professor	Automobile Engg.	4	NA

115	Mr. Anish Kumar	M.Tech.	Assistant Professor	Fluids Mechanics	2	NA
116	Ms Swati Parashar	M. Tech.	Assistant Professor	Fluid Mechanics	2	NA
117	Ms Sheelam Misra	M.Tech	Assistant Professor	Advanced CAD	7	NA
118	Ms. Nidhi Gaur	M.Tech, Ph.D(Pursuing)	Assistant Professor	VLSI Design , Communication & Networking	7	NA
119	Dr. Sanjay Kumar Dubey	Ph.D	Assistant Professor	Software Engineering	14	8
120	Dr. Anchal Garg	Ph.D	Assistant Professor	Data Mining, Operation Management, Software Engineering	14	NA
121	Mr. Abhishek Singhal	M. Tech, Ph.D (Pursuing)	Assistant Professor, Dy. HOD CSE	Software Engineering., DIP	14	NA
122	Ms. Renuka Nagpal	M. Tech, Ph.D (Pursuing)	Assistant Professor	Software Engineering	14	NA
123	Mr. Subhash Chand Gupta	M. Tech, Ph.D (Pursuing)	Assistant Professor	Java Programming, Web Technology.	12	NA
124	Mr. Y.S. Rathore	M.Tech, Ph.D. (Pursuing).	Assistant Professor	Artificial Intelligence	14	NA
125	Dr. Varun Gupta	Ph.D	Assistant Professor	Software Engineering	8	NIL
126	Mr. Sanjiv Kumar Tomar	M. Tech.	Assistant Professor	System Programming	14	NA
127	Mr. Roshan Lal Chhoker	M. Tech.	Assistant Professor	Software Computing	13	NA
128	Dr. Praveen Kumar	M. Tech, Ph.D	Assistant Professor	Data Mining, Cloud Computing, Java Programming	10	NIL
129	Mr. Kunal Gupta	M.Tech, Ph.D. (Pursuing).	Assistant Professor	Networking, Wireless	9	NA

130	Ms. Rajni Sehgal	M.Tech, Ph.D. (Pursuing).	Assistant Professor	Software Engineering	10	NA
131	Mr. Deepak Gaur	M.E, Ph.D. (Pursuing)	Assistant Professor	NLP, Data mining	8	NA
132	Ms. Sugandha Agarwal	M.Tech, Ph.D. (Pursuing).	Assistant Professor	Programming, Algorithm Design	8	NA
133	Dr. Shilpi Barman Sharma	M.Tech, Ph.D.	Assistant Professor	Java Programming, Networking	16	NA
134	Ms. Neetu Narayan	M.Tech, Ph.D. (Pursuing).	Assistant Professor	Software Engg., Data Mining	12	NA
135	Ms. Divya Gupta	M.Tech, Ph.D. (Pursuing)	Assistant Professor	Web Searching	12	NA
136	Ms. Misha Kakkar	M.Tech, Ph.D. (Pursuing).	Assistant Professor	Software Engineering, Machine Learning	10	NA
137	Dr. Hari Mohan Pandey	M. Tech, Ph.D	Assistant Professor	Artificial Intelligence, Programming Languages, Optimization Technique	11	NA
138	Mr. Nirbhay Kashyap	M.Tech.	Assistant Professor	Image Processing	15	NA
139	Ms. Garima Mehta	M. Tech, Ph.D (Pursuing)	Assistant Professor	Computer Architecture	9	NA
140	Ms. Abha Thakral Sachdev	M. Tech, MBA , Ph.D. (Pursuing)	Assistant Professor	Mobile Computing	10	NA
141	Mr. Gaurav Dubey	M. Tech, Ph.D (Pursuing)	Assistant Professor	Data Mining & Data Warehousing	15	NA

142	Ms. Richa Gupta	M. Tech, Ph.D (Pursuing)	Assistant Professor	Network Security	8	NA
143	Dr. Madhulika	M. Tech, Ph.D	Assistant Professor	Artificial Intelligence & Computer Vision	8	NA
144	Dr. Sushil Kumar	M. Tech, Ph.D	Assistant Professor	Soft Computing, Image Processing	3	8
145	Ms. Shweta Bhardwaj	M. Tech.	Assistant Professor	Artificial Intelligence, Embedded Systems	8	NA
146	Mr. Raj Kumar Sagar	M.Tech.	Assistant Professor	Data Mining, Peptide Computing	9	NA
147	Ms. Arashdeep Kaur	M.Tech, Ph.D (Pursuing)	Assistant Professor	Software Engineering	9	NA
148	Ms. Divya Upadhyay	M.Tech, Ph.D (Pursuing)	Assistant Professor	Wireless Sensor Networks, Network Security	7	NA
149	Ms. Shweta Yadav	M. Tech.	Assistant Professor	Digital and Wireless Communication	6	NA
150	Mr. Rishi Kumar	M. Tech, Ph.D (Pursuing)	Assistant Professor	Intelligent System, Digital Image Processing	6	NA
151	Ms. Nidhi Chandra	M. Tech, Ph.D (Pursuing)	Assistant Professor	Natural Language Processing, Data mining & J2EE	13	NA
152	Ms. Neha Agarwal	M. Tech, Ph.D (Pursuing)	Assistant Professor	Testing & RDBMS	9	NA
153	Ms. Monika Bhalla	M. Tech, Ph.D (Pursuing)	Assistant Professor	Natural Language processing,	8	NA
154	Ms. Shanu Sharma	M. Tech, Ph.D (Pursuing)	Assistant Professor	Image processing and Data mining	5	NA

155	Ms. Smriti Sehgal	M. Tech, Ph.D (Pursuing)	Assistant Professor	Soft Computing	6	NA
156	Ms. Sangeeta Rani	M. Tech, Ph.D (Pursuing)	Assistant Professor	Data Mining	5	NA
157	Ms. Neeru Chauhan	M. Tech, Ph.D (Pursuing)	Assistant Professor	Computer Graphics, Operating System	8	NA
158	Mr. Arun Prakash Agrawal	M. Tech, Ph.D (Pursuing)	Assistant Professor	Software Engineering	11	NA
159	Mr. Anoop Kumar Shukla	M.Tech. , Ph.D. (Pursuing)	Assistant Professor	Mechanical Engineering (thermal power)	6	NA
160	Mr. Ankur Choudhary	M. Tech, Ph.D (Purs	Assistant Professor	Software Engineering, Digital Water Marking	10	NA
161	Ms. Swati Singal	M.E, Ph.D. (Pursuing)	Assistant Professor	Natural Language Processing (NLP)	5	NA
162	Ms. Anupama Bhan	M. Tech, Ph.D (Pursuing)	Assistant Professor	Image Processing Recognition & Extraction, Signal Processing	9	NA
163	Mr. Gaurav Raj	M. Tech, Ph.D (Pursuing)	Assistant Professor	Cloud Computing & Web Engineering	8	NA
164	Ms. Shruti Gupta	M. Tech, Ph.D (Pursuing)	Assistant Professor	Computer Networks	2	NA
165	Mr. Dev Kumar Chaudhary	M. Tech, Ph.D (Pursuing)	Assistant Professor	Image Processing	10	NA
166	Ms. Seema Sharma	M. Tech Ph.D. (Pursuing)	Assistant Professor	Data Structure, Java, Security	9	NA

167	Dr. Tanupriya Choudhury	M. Tech Ph.D.	Assistant Professor	Artificial Intelligence & Image Processing	7	NA
168	Ms. Shipra Saraswat	M. Tech Ph.D. (Pursuing)	Assistant Professor	Artificial Intelligence & Image Processing	10	NA
169	Mr. Deepesh Kumar Srivastava	M. Tech Ph.D. (Pursuing)	Assistant Professor	Image Processing	4	NA
170	Mr. Madan Lal Yadav	M. Tech Ph.D. (Pursuing)	Assistant Professor	Software Engineering	2	NA
171	Dr. Suman Bala	Ph.D.	Assistant Professor	Networks & Cloud Computing	5	NA
172	Mr. Vijay Kr. Tayal	M.Tech	Assistant Professor	Control System	21	NA
173	Dr. Bhishm Kumar Dhurandar	Ph.D	Assistant Professor	Thermal	1	NA
174	Ms. Mehtab Fatima	M.Tech	Assistant Professor	Power System	8	NA
175	Ms. Anjali Jain	M.Tech	Assistant Professor	Power System	12	NA
176	Ms. Pallavi Choudekar	M.Tech	Assistant Professor	Robotics and Automation	12	NA
177	Mr. Sumeet Sehrawat	M.Tech	Assistant Professor	Power System	5	NA
178	Ms. Divya Asija	M.Tech	Assistant Professor	Power System	6	NA
179	Ms. Neelam Verma	M.Tech	Assistant Professor	Control System	5	NA
180	Ms. Akanksha Pathak	M.Tech	Assistant Professor	Information Technology	6	NA
181	Ms. Ruchira	M.Tech	Assistant Professor	Control System	6	NA
182	Mr. Kamlesh Pandey	M.Tech	Assistant Professor	Power System	4	NA
183	Dr. Amit Kumar Singh	Ph.D	Assistant Professor	Control System	7	NIL
184	Ms. Ritu Punhani	M.Tech.	Assistant Professor	Data Mining, Software Project	16	NA

				Management		
185	Mr. Vikas Deep	M.Tech. Ph.D (pursuing)	Assistant Professor	Web Engineering, Data Structure, DBMS	11	NA
186	Ms. Anuranjana	M.Tech. Ph.D (pursuing)	Assistant Professor	Data Mining, Soft Computing	11	NA
187	Mr. Purshotam Sharma	M.Tech. Ph.D (pursuing)	Assistant Professor	Data Mining, Computer Networks	9	NA
188	Ms. Parul Kalra Bhatia	M.Tech. Ph.D (pursuing)	Assistant Professor	Database Management System, ADBMS, Data mining and warehousing, Information Storage and Management and Cognitive Information Retrieval	11	NA
189	Mr. Rana Manjumdar	M.Tech. Ph.D (pursuing)	Assistant Professor	Computer Networks, Mobile Networks, AI, Software Reliability, Cloud (EISM)	12	NA
190	Ms. Saru Dhir	M.Tech. Ph.D (pursuing)	Assistant Professor	Software Engineering, Software Testing, Web Engineering	7	NA
191	Ms. Anju Mishra	M.Tech. Ph.D (pursuing)	Assistant Professor	Digital Image Processing, Neural Networks	8	NA
192	Ms. Abhilasha Singh	M.Tech. Ph.D (pursuing)	Assistant Professor	Digital Image Processing, Software Engineering, Web Tech.	7	NA
193	Ms. Chetna Choudhary	M.Tech. Ph.D (pursuing)	Assistant Professor	Graphics, Modeling & simulation, Software Engineering	7	NA

194	Ms. Ritu Gupta	M.Tech. Ph.D (pursuing)	Assistant Professor	DIP, Operating System, Networks	7	NA
195	Ms. Ela Khasyp	M.Tech. Ph.D (pursuing)	Assistant Professor	Software Engineering Programming languages	7	NA
196	Mr. Naveen Garg	M.Tech. Ph.D (pursuing)	Assistant Professor	Software Engineering, Software Testing, Software Project Management	7	NA
197	Mr. Sunil Kumar Choudhary	M.Tech. Ph.D (pursuing)	Assistant Professor	ICT, System Modeling	7	NA
198	Ms. Madhurima	M.Tech. Ph.D (pursuing)	Assistant Professor	Web Engineering, Software Engineering	6	NA
199	Mr. Abhishek Srivastava	M.Tech	Assistant Professor	Computer Networks, Mobile Networks, Algorithms	5	NA
200	Ms. Shamita Malik	M.Tech. Ph.D (pursuing)	Assistant Professor	Data Mining and warehouse, Programming language	8	NA
201	Mr. Saurabh Singh	M.Tech.(CSE),Ph.D (Pursuing)	Assistant Professor	Biometrics, Machine Learning	15	NA
202	Dr. Vasudha Vashisht	Ph.D	Assistant Professor	Computer Science & Engineering	12	4
203	Dr. Manoj Kumar Shukla	Ph.D	Assistant Professor	Computer Science & Engineering	6	4
204	Dr. Vinod Shokeen	Ph.D	Assistant Professor	Wireless Communication	15	5
205	Mr. Mahendra Verma	M. Tech, Ph.D Pursuing	Assistant Professor	Industrial, Thermal	11	NA
206	Mr. Shailendra Kumar Jain	M.Tech	Assistant Professor	Water Resources Engineering	10	NA

207	Mr. Gaurav Gupta	M. Tech, Ph. D Pursuing	Assistant Professor	Production Engineering	11	NA
208	Mr. Anant Kr. Jayswal	M. Tech, Ph.D Pursuing	Assistant Professor	Computer Science	16	NA
209	Ms. Sheetal Sharma	M.Tech	Assistant Professor	Software Engineering	7	NA
210	Ms. Anshul Tickoo	M. Tech, Ph.D Pursuing	Assistant Professor	Software Reliability	7	NA
211	Mr.Farhat Khan	M.Tech.	Assistant Professor	Computer Science	6	NA
212	Mr.Priti Sharma	M.Tech.	Assistant Professor	Computer Science	7	NA
213	Dr.Gaurav Sharma	Ph.D	Assistant Professor	Computer Science	5	NIL
214	Mr. Ajay Sharma	M.Tech	Assistant Professor	Production Engg	10	NA
215	Mr. Mayank Chhabra	M. Tech, Ph.D (Pursuing)	Assistant Professor	Mechanical Engineering (Production)	8	NA
216	Mr. Ritesh Srivastava	M. Tech, Ph.D (Pursuing)	Assistant Professor	Fluid Engineering	4	NA
217	Mr.Ravindra Kannojiya	M. Tech, Ph.D (Pursuing)	Assistant Professor	Thermal Engineering	2	NA
218	Mr.Gaurav Dwivedi	M-Tech and Ph.D Thesis	Assistant Professor	Alternate Fuels	4	NA
219	Ms. Purnima Patel	M-Tech	Assistant Professor	Mechanical engg	2	NA
220	Ms. Khushbu Yadav	M-Tech	Assistant Professor	CAD/CAM	3	NA
221	Mr. Ujjwal Bharadwaj	M.Tech(Structures)	Assistant Professor	CIVIL ENGG.(STRUCTURES)	4	NA
222	Mr. Mayank Kumar Goyal	M. Tech, PhD Pursuing	Assistant Professor	Computer Science & Engineering	5	NA

223	Mr. Yogesh Kumar	Ph.D Pursuing	Assistant Professor	Image Processing	3	NA
224	Mr. Sumit Bhardwaj	Ph.D Pursuing	Assistant Professor	Electronics And Communication	3	NA
225	Ms. Nivedita Nair	M.Tech	Assistant Professor	VLSI	2	NA
226	Ms Usha Ben Keshwala	M.Tech.	Assistant Professor	Electronics and Communications	3	NA
227	Ms. Avantika Singh	M.Tech.	Assistant Professor	Computer Science	5	NA
228	Ms. Pavika Sharma	M. Tech Ph.D. (Pursuing)	Assistant Professor	VLSI Design , Wireless Communication, MEMS Design	4	NA
229	Mr. Bedatri Moulik	Ph.D	Assistant Professor	Control & Instrumentation	1	NA
230	Mr. Gaurav Maheshwar	MS	Assistant Professor	Industrial Engineering	5	NA
231	Dr.R.S. Dubey	Ph.D.	Assistant Professor	Microbiologically influenced collosion and its control	10	NIL
232	Dr.Vasundhara Srivastava	Ph.D.	Assistant Professor	Carbohydrate Chemistry /Microwave assisted grafting of seed-gums	10	NIL
233	Dr Bijayalaxmi Panda	Ph.D.	Assistant Professor	functional composites/nanocomposites /photocatalysis/sensors/electrochemical sensors value added products from wastes/Water purification	8	NIL

234	Dr.Karunendra Singh	Ph.D.	Assistant Professor	Electrochemical sensors & Biosensors/ Clinical Applications of biosensors Development of smart matrices for sensors/ Nanomaterials and NA Based Sensors	6	NIL
235	Dr.Kundan Sharma	Ph.D.	Assistant Professor	Physical Chemistry/Solution Thermodynamics/ Fluid Phase Equilibria/Molecular Interactions/Thermo-acoustic analysis	2	NA
236	Dr U C Srivastava	Ph.D.	Assistant Professor	Solid State Physics (Theory)/Lattice dynamic/observation of crystal and semiconductor	11	NIL
237	Dr G N Pandey	Ph.D.	Assistant Professor	Photonics/Optoelectronics/Metamaterial/Photons Band Gap/Negative Index Material	10	NIL
238	Dr.Anu Arora	Ph.D.	Assistant Professor	Materials Science/Solid State Physics/Glasses	5	NIL

239	Dr.Siddheshwar Chopra	Ph.D.	Assistant Professor	Computational Nanoscience/Computational Physics/Thin Films	5	NIL
240	Dr Chiranjib Konar	Ph.D.	Assistant Professor	Observational Astrophysics/Astronomy/ Radio Galaxy/AGN Observation/Double Radio galaxy	8	NIL
241	Ms. Riju Chaudhary	PhD pursuing	Assistant Professor	P.hD pursuing (Mathematical modelling)	5	NIL
242	Dr. Lovely Jain	Ph.D.	Assistant Professor	Bio-Mathematics	6	NIL
243	Dr.Anupam Kr.Singh	Ph.D.	Assistant Professor	Fuzzy Automata/Rough Set/Category Theory/Theory of Computation	2	NIL
244	Dr.Ritu Gupta	Ph.D.	Assistant Professor	Modelling in Reliability	2	NIL
245	Dr. Neha Bhardwaj	Ph.D.	Assistant Professor	Modulus of continuity/Peetre's K-functional/Positive Linear Operators/ Kantorovich Operators/Error estimate	2	NIL
246	Dr. Amit Tomar	Ph.D.	Assistant Professor	Shock waves in Gas dynamics	2	NIL

247	Dr.Rupakshi Mishra Pandey	Ph.D.	Assistant Professor	Special functions/Integral Transforms/ Integral equations Fractional differential calculus/Fractional integral calculus	15	NIL
248	Dr.Garima singh	Ph.D.	Assistant Professor	Mathematics (Nature inspired optimization techniques)	1	NIL
249	Dr.Himanshu gupta	Ph.D.	Assistant Professor	Pure Mathematics (Variational Inequalities)	5	NIL
250	Dr.Garima Sood	Ph.D.	Assistant Professor	Mathematics (Number Theory/Partition Theory)	1	NIL
251	Dr. Sunil Hans	Ph.D.	Assistant Professor	Pure Mathematics	6	NIL
252	Dr. Reetu	Ph.D.	Assistant Professor	Reliability Modelling	1	NA
253	Col. D.K.Sharma	B.Tech., MBA	Assistant Professor	Automobile Engineering	40	NA
254	Mr. Rajan Prasad Tripathi	M.Tech.	Lecturer	VLSI	2	NA
255	Mr. Amit Kumar	M.Tech, Phd (pursuing)	Teaching Assistant	Electronics and Communication	2	NA
256	Mr. Saket	B.Tech.	Teaching Assistant	Electrical	4	NA
257	Mr. Gaurav	M.Tech	Teaching Assistant	Power System	4	NA
258	Dr. Manju Rawat Ranjan	Ph.D	Assistant Professor	Environmental Sciences	14	2
259	Dr.	Ph.D	Assistant	Environmental	6	5

	Ambrina Sardar		Professor	Sciences		
260	Dr. Prateek Srivastva	Ph.D	Assistant Professor	Environmental Sciences	11	2
261	Ms. Divina Raghav	MBA	Assistant Professor I	Human Resource Management, Industrial Relations, Employee Engagement Initiatives, Behavioural Science	2	NA
262	Ms. Megha Kochhar	M.A.	Assistant Professor I	Organisational Psychology & Behavioural Science	8	NA
263	Ms. Ashwani Mohan	M.A.	Assistant Professor I	Organisational Psychology, General Psychology, Behavioural Science	9	NA
264	Ms. Mansi Khandelwal	M. Sc. (Health Promotion and Psychology)	Assistant Professor I	Health Psychology & Behavioural Science	6	NA
265	Dr. Indu Rampal	PhD./B.Ed/PGDH RM/Dip. Creative Writing	Assistant Professor	Literature/ Communication Skills	20	NIL
266	Ms. Nisha Misra	PhD. (Submitted)	Assistant Professor	Literature/ Communication Skills	10	NA
267	Ms. Ruchi Tandon	PhD. (Pursuing)/ M.Ed/MA(English) MA(History)	Assistant Professor	Literature/ Communication Skills	17	NA

268	Mr. Devesh Kumar	PhD(Pursuing)/M. A.(Eng)/PGJMC	Assistant Professor	Literature/ Communication Skills/ Mass Communication/ Cinematic Adaptation	11	NA
269	Ms. Divya Mishra	PhD(pursuing)	Assistant Professor	Literature/ Communication Skills	2.5	NA
270	Ms. Meera Kapoor	PhD (Submitted)/PG Dip in Mass Comm	Assistant Professor	Literature/ Communication Skills	18	NA
271	Ms. Manonita Roy Chowdhary	Ph.D Submitted	Assistant Professor	Literature/ Communication Skills	10	NA
272	Dr. Sakshi Goel	Ph.D	Assistant Professor	Physical Chemistry	1	NIL
273	Dr. Shivani A Kumar	Ph.D	Assistant Professor	Quantum Optics/Squeezing/ Teleportation	10	NIL
274	Dr. Shefali Kanwar	Ph.D	Assistant Professor	Low Energy Nuclear Physics/Particle Physics/Reactor Physics	4	NIL
275	Dr. Deepak Tripathi	Ph.D	Assistant Professor	Laser Plasma Interaction/Terahertz Generation/Self Foaming/Laboratory	5	1
276	Dr. Pramila Shukla	Ph.D	Assistant Professor	Quantum Optics	10	NA
277	Ms. Nikita Desai	Diplôme Supérieur de langue et culture from Alliance Française ., Delhi.	Assistant Professor	French language & culture	15	NA

		B.Ed				
278	Harpreet Khullar	Advanced Dip. In French from Alliance Française , M. Phil in Philosophy	Asst. Prof.	4 Years Advanced Dip. In French from alliance Francaise, M. Phil in Philosophy, M.A. in Philosophy (Gold Medalist)	15	NA
279	Reema Chandani	Diploma in French from D.U. 5 months short term course from Alliance Française .	Asst. Prof.	French language & culture	9	NA
280	Ms. Madhur Sharma	Diplôme de français from Alliance Française , Delhi	Asst. Prof.	French language	12	NA
281	Ms. Manisha Buttan	Pursuing Mphil, M.A. in German from Germanic & Romance Studies Department, D.U. Completed 1 year FLE course (Foreign Language teaching methodology)	Asst. Prof.	German literature	9	NA

		ogies) from Delhi Universit y.				
282	Ashima Thakral	8 semesters from max Muller Bhawan. Pursuing MBA, B.A. from Delhi Universit y.	Asst. Prof.	German language & culture	6	N A
283	Ms. Ranjana Soni	M.A. in German From Delhi Universit y	Asst. Prof.	German language & culture	6	N A
284	Ms.Nikita Ahuja	NET Qulified, MA German from JNU	Assistant Professor	German	1	NA
285	Ms. Akil Bharti	M.A. in Spanish from J.N.U.	Assistant Professor	Spanish language & culture	6	NA
286	Ms. Neha Sharma	MA in German Literature from DU	Assistant Professor	German	2	NA
287	Ms. Ruby Rana	M.A. in Spanish from DU	Teaching Assistant	Spanish language & culture	3	NA
288	Ms. Seema Mehta	Five Years Adv. Course in Japanese Language (Embassy of Japan), Certified	Assistant Professor	Japanese language & culture	12	NA

		Linguist, B.A. (Delhi Uni.)				
289	Ms. Anupama Pathak	B.A. from Delhi Universit y, 3 years Advance d diploma in japanese from JCIC Institute	Assistant Professor	Japanese language & culture	7	NA
290	Dr. Shrutikant Pandey	Ph.D	Assistant Professor	Sanskrit	19	NIL

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors.**

Response:

In ASET a large number of experts are invited for the technical talks and few of them are given as Senior visiting Fellow and Emeritus Professors. We are also associated with many senior faculty members who are guiding our Ph.D scholars as external Ph.D. Co-guides. Following are the details of senior Visiting Fellows, adjunct faculty, emeritus professors:

#	Senior Visiting Fellow	
	Name	Designation
1	Dr. Michael A. Smith,	Visual Computing Architect and Academic Program Director, Intel Corporation, USA Intel Corporation, USA
2	Dr Kuldeep Singh	Teaching as general study expert in promined competitive institute
3	Dr Omveer Singh	Associate Professor, Electrical & Electronics Engineering at Galgotias College of Engg. & Technology, Greater Noida
4	Dr Ravi Rastogi	Associate Professor, Sharda University, Greater Noida, Uttar Pradesh, India
5	Dr Amit Agarwal	More than 13 Years of academic/ research/ administrative experiences in reputed organizations like COER, GEIT, DIT, GRD IMT, Gurukul Kangri University and IIT Roorkee.
6	Dr Sajay Vir Singh	Assistant Professor (Senior Grade) in IIIT Noida
7	Dr Amit Kumar Pandey	Associate Professor and HOD (Management) in

		Satyam College Gaziabad
8	Dr Ashok Kumar Jain	Associate. Professor & Head MMH College Ghaziabad
9	Dr Mohammad Ayoub Khan	Associate Professor, Sharda University, Greater Noida, Uttar Pradesh, India
10	Dr Rajesh Kumar Tyagi	Professor & HoD (CS) MVN University PALWAL, Haryana
11	Dr Ajeet Pal Singh	Associate Professor, Mathematics department RKGIT GHZIABAD
12	Dr Sumit Kumar Sharma	Assistant Professor (Ad-hoc), Kirori Mal College, University of Delhi
13	Dr Ankur Bansal	Assistant Professor, Netaji Subhas Institute of Technology, Dwarka, New Delhi, India
14	Dr Vandhana	Assistant Professor, Department of Biotechnology at Bhagwant University, Ajmer
15	Dr. Imtiaz Ahmad	Project Fellow, Dept. of Sociology, Jamia Millia Islamia. New Dehli.
16	Dr. Devendra Vashist	Professor and Head, Department of Automobile Engineering, Faculty of Engineering and Technology Manav Rachna International University
17	Dr Basant Kumar Agarwal	Assistant Professor, Department of Mechanical Engineering, ASET, Bijwasan, New Delhi
18	Dr. Ashraf Saifi	Assistant Professor, Computer Science & Engineering, School of Information & Communication Technology, Gautam Buddha University, Greater Noida
19	Dr Rajesh Mishra	Assistant Professor, School of Information and Communication Technology, Gautam Buddha University (Uttar Pradesh state government university) , Greater Noida (UP)
20	Dr Bhumendra Singh	Professor, Mechanical Engineering Department Vishveshwarya Institute & Technology Dadri
21	Dr Sandeep Saxena	Delhi Council of Economics & Financial Education, Executive Director (Academic) Dwarka, New Delhi
22	Dr. Manju Pandey	Assistant Professor (Guest) Galgotia University

#	Emeritus Professors	
	Name	Designation
1	Prof. (Dr.) Bebo White	Professor, SLAC National Accelerator Laboratory, Stanford University, USA
2	Prof. (Dr.) David Gries	Professor Emeritus, Cornell University, USA
3	Prof. (Dr.) Y. C. Tay	Professor, National University of Singapore, Singapore
4	Prof. (Dr.) Aditya Mathur	Head of Pillar and Professor, Singapore University of Technology & Design
5	Prof. (Dr.) Raj Kumar Buyya	Director, Clouds Laboratory, University of Melbourne, Australia.
6	Prof. (Dr.) Supriya	Associate Dean for Research and Graduate Studies,

	Chakrabarti	University of Massachusetts, Lowell
7	Prof. (Dr.) Paul Gries	Acting Vice Dean ,University of Toronto , Canada
8	Prof. (Dr.) Graham Kendall	Vice-Provost (Research and Knowledge Transfer), University of Nottingham, UK and Malaysia
9	Prof. (Dr.) Jean- Paul Van Belle	Director, Centre for IT and National Development in Africa, University of Cape Town, South Africa
10	Prof. (Dr.) David G Stork	Fellow and Inventor, Rambus Lab, Silicon Valley, USA
11	Prof. (Dr.) Sartaj Sahni	Professor, University of Florida, USA
12	Prof. (Dr.) Patrick Gaydecki	Professor, Sensing, Imaging and Signal Processing Group, School of Electrical and Electronic Engineering, University of Manchester Manchester, United Kingdom
13	Prof. (Dr.) Rangaraj M. Rangayyan	Department of Electrical and Computer Engineering University of Calgary, Calgary, Alberta, Canada
14	Prof. (Dr.) Pan Agathoklis	Dept of ECE, University of Victoria, Canada
15	Prof. (Dr.) Hui-Huang Hsu	Department of Computer Science and Information Engineering, Tamkang University, Taiwan
16	Prof. (Dr.) G.P. Li	Professor, University of California, USA
17	Prof. (Dr.) Mohammad S. Obaidat	Fellow of IEEE and Fellow of SCS, Fordham University, USA
18	Prof. (Dr.) Jan van den Berg	Delft University of Technology, Netherlands
19	Prof. (Dr.) Simeon Simoff	Dean of the School of Computing, Engineering and Mathematics, Western Sydney University
20	Prof. (Dr.) Ajith Abraham	Director, Machine Intelligence Research Lab, USA
21	Prof (Dr.) Gio Wiederhold	Professor, Stanford University, USA

#	External Co-Guide	
	Name	Designation
1.	Dr. Mukesh kumar	Associate Professor, The Technological Institute of Textiles & Sciences, Bhiwani
2.	Dr Neeraj Goel	Assistant Professor, Department of Computer Science and Engineering, IIT Ropar
3.	Dr Rashmi Jain	Assistant Professor Department of Electrical Engineering YMCAUST, Faridabad, Haryana
4.	Dr. Anand Prakash Shukla	Associate Professor Department of Computer Science and Engineering Krishna Institute of Engineering and Technology, Ghaziabad
5.	Prof. Dr. Rajiv Kapoor	Delhi Technological University
6.	Prof. Ajay K Sharma	Director, National Institute of Technology Delhi
7.	Dr. Sushil kumar	Dean Academics , MAIT, Maharaja Agrasen University, Baddi

8.	Dr R. N. Patel	Ph. D. (IIT Delhi), Senior Member (IEEE) Branch Counselor, IEEE (SB) – SSTC, Coordinator, IEDC – SSGI Bhilai Member Sec., SSTC Business Incubator Professor, Electrical & Electronics Engineering Department FET – SSGI, Shri Shankaracharya Technical Campus Junwani,
9.	Dr. D.K. Chaturvedi	Professor, Faculty of Engineering Dayalbagh Educational Institute Dayalbagh, Agra
10.	Dr. Anwer S. Siddiqui	Professor , Department of Electrical Engineering Jamia Millia Islamia (Central University) New Delhi
11.	Dr. Ibraheem Nasiruddin	Professor , College of Engineering , Qassim University, Buraydah 51452 Saudi Arabia
12.	Dr. Navnit Kumar Misra	Associate Professor Physics Department , Brahmanand P.G College, The Mall, Kanpur
13.	Dr. Hazoor Singh Sidhu	Associate Professor of Mechanical Engineering Yadvindra College of Engineering Punjabi University
14.	Dr. Rahul Rishi	Professor(Computer Science Engineering) University Institute of Engineering & Technology, Maharshi Dayanand University, Rohtak
15.	Prof. S.P Ojha	Former Vice Chancellor CCS university, Meerut
16.	Dr. Z. A. Jaffery	(Professor) Dept. of Electrical Engineering, Jamia Millia Islamia , New Delhi
17.	Prof. Rajiv Kumar Kapoor	Principal AIACT&R
18.	Dr Naqui Anwer	Assistant Professor, Department of Energy and Environment, Teri University, Delhi
19.	Dr. Yogesh Chauhan	Head of EEE Department , Gautam Budh University
20.	Dr Vishal Bhatnagar	Associate Professor, Ambedkar Insitute of Technology, New Delhi
21.	Dr Sujata Khatri	Assistant Professor Deen Dayal Upadhayaya College, Delhi University
22.	Dr. Sunil Kumar	Associate Professor, Maharaja Agrasen Insitute of Technology, New Delhi
23.	Dr. Rajdev Tiwari	Dean CS,IT, MCA, Greater Noida Institute of Technology, Gr. NOIDA
24.	Dr. Atulya Nagar	Professor Liverpool Hope University, Liverpool, UK
25.	Prof. Dharminder Kumar	Dean of Colleges, Professor, CSE & Coordinator, TEQIP-II GJUS&T, Hisar, Haryana
26.	Dr. Ashutosh Kumar Bhatt	Dept. of Computer Science & Engineering Birla Institute of Applied Sciences, Bhimtal
27.	Dr. Vinay Kumar	(Ex Scientist E & Technical Director, NIC, GOI) Professor, VSIT, Vivekananda Institute of Professional Studies, Outer Ring Road, New Delhi
28.	Dr. Mansaf Alam	Assistant Professor Department of Computer Science, Jamia Milia Islamia
29.	Dr. Amit Ujlayan	Assistant Professor, School of Vocational Studies & Applied Sciences, Gautam Buddha University, Greater Noida
30.	Dr. Peeyush Tiwari	Associate Professor BIT MESRA(Noida Extension)

31.	Dr. Sunil Kumar Bharti	Assistant Professor, Dept. of Computer Science Central University of Haryana Mahendergarh, Haryana
32.	Dr. P. S. Grover	Campus Director, KIIT Group of Colleges, Gurgaon. ex-Director, Delhi University, Director General, GGs IP Univ. Delhi
33.	Dr. Yaduvir Singh	Associate Professor Department of Computer Science and Engineering Ideal Institute of Technology, Ghaziabad
34.	Dr. Vineet Kansal	Associate professor I.T.S. engineering College, Greater Noida
35.	Prof. (Dr.) K. P. Yadav	Director (Academic & Research, IIMT College of Engineering
36.	Dr. Harish Parthasarthy	Prof. Dept of Electronics & Communication. Engg NSIT, Dwarka
37.	Dr. Rajdeep Dasgupta	Assistant Professor, Dept. of Electronics & Instrumentation Engineering, National Institute of Technology Silchar Silchar, Assam
38.	Prof(Dr.) Rishi Asthana	Professor & Head, Department Of Electrical & Electronics, IMS Engineering College
39.	Prof. (Dr.) Ashok Mittal	Principal, Ambedkar Institute of Advanced Communication Technologies & Research
40.	Dr Sanjay Kumar	Senior Lecturer in Cognitive Neuroscience Department of Psychology Oxford Brookes University Gipsy Lane Oxford
41.	Dr. Kuldip Singh Sangwan	Professor Department of Mechanical Engineering BITS Pilani
42.	Dr. K. .R. Aharwal	Prof., Molana Azad National Institute of Technology Bhopal.
43.	Dr. Vikas Kumar Choubey	Associate Professor in Mechanical Engineering Deptt. At Galgotias University
44.	Dr. Ravindra Singh Rana	Department of Mechanical Engineering Maulana Azad National Institute Bhopal
45.	Dr R K Shrivastava	Head of Department Department of Mechanical Engineering Government Engineering College, Station Road, Osmanpura
46.	Dr. Pramendra Kumar Bajpai	Assistant Professor Division of MPAE,, NSIT,
47.	Dr. Dinesh Singh Rana	Professor & Chairman, Department of Instrumentation, Programme Coordinator National Service Scheme (NSS) Kurukshetra University, Kurukshetra

48.	Dr. Radim Burget	Head of Data-Mining section at SPLab Research Group, Brno University of Technology (BUT), Assistant professor, Dept. of Telecommunications, BUT, Czech Republic
49.	Dr. Krishna K Mishra	Professor, MNIT, Allahbad
50.	Dr. Rakesh Matam	Assistant Professor , Indian Institute Information Technology, Guwahati
51.	Dr. Ajay Shanker Singh	Professor School of Computing Science & Engineering Galgotias University
52.	Dr. Abhinav Gupta	Senior Chief Engineer Advanced R&D Samsung R & D Institute India Delhi
53.	Dr. Amit Agarwal	Associate Professor (CSE), University of Petroleum & Energy Studies
54.	Prof. R.S. Gupta	Professor, Department of Electronic & Communication , Maharaja Agrasen Institute of Technology
55.	Dr. Pramod Kumar	Professor and Head of the Department Electronics and Communication Engineering Department Madhav Institute of Technology and Sciences (MITS), Gwalior
56.	Dr. Neeta Pandey	Associate Professor , DCE
57.	Dr. J. L. Raheja	Chief Scienist & Head, Machine Vision Lab. CSIR-CEERI
58.	Dr Carlos M.Travieso Gonzalez	Associate Professor Institute for Technological Development and Innovation in Communications University of Las Palmas de Gran Canaria Spain
59.	Professor Daniel Ronnow	University of Gavle, Sweden.
60.	Prof. Anwar Shahzad Siddiqui	Dept. of Electrical Engineering F/O Engineering and Technology Jamia Millia Islamia
61.	Dr. Vinod Kumar Yadav	Assistant Professor (Grade-III) Department of Electrical, Electronics & Communication Engineering Galgotias University
62.	Dr. Arun Kumar	Professor , G.L.A university Mathura
63.	Dr. Kuldip Singh Sangwan	Department of Mechanical Engineering Birla Institute of Technology & Science, Pilani
64.	Prof. L.M. Patnaik	Professor, Rtd IISC Bangalore
65.	Dr. Abdul Wahid	Head of Department, CS & IT Maulana Azad National Urdu University Gachibowli, Hyderabad
66.	Dr Anil Arora	Assistant Professor , Thapar University
67.	Dr. Debejyo Chakroborty	Senior Researcher, GM Research & Development, General Motors, Warren, MI

68.	Dr. Pyung Soo Kim	Associate Professor, Engineer Dept. of Electronics Engineering Korea Polytechnic University
69.	Dr. Poonam Bansal	Associate Professor & Head (Computer Science & Engg. Dept.), Maharaja Surajmal Institute of Technology (MSIT), GGSIIP University
70.	Dr. Girish Kumar	Professor Electrical Engineering Department I.I.T. Bombay, Powai
71.	Dr. P. Santhi Thilagam	Associate Professor , CSE N.I.T.K-Surathkal
72.	Dr. Sudhir Dawra	Professor, Technical Institute of Advanced Studies, Delhi
73.	Dr. Ajit K. Verma	Professor(Technical Safety) in Engineering, Stord/Haugesund University College, Haugesund, Norway

13. **Percentage of classes taken by temporary faculty – programme-wise information:**

Response:

Mostly classes are taken by regular faculty members but for Value Addition courses experts from Industry and academia are invited for lectures.

14. **Programme-wise Student Teacher Ratio:**

Response: Student teacher ratio for various programmes are as follows:

#	Programme Name	Student Teacher Ratio
1	B.Tech	16:1
2	M.Tech	16:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Response: Details of academic and administrative staff are as follows:

Non Teaching Staff	Sanctioned	Filled	Actual
Academic support staff	16	16	16
Academic support staff (Technical)	50	51	51
Administrative staff	30	31	31

16. **Research thrust areas as recognized by major funding agencies:**

Response: Different funding agencies of India are identified by the respective departments. Information on different thrust areas of by respective funding agencies is documented. This database is circulated among faculty members. Faculty members are encouraged to submit research proposals to different funding areas as per the area of expertise. Faculty member are supported to establish national and international collaboration.

Major funding agencies with thrust areas are mentioned below:

S. No.	Funding Agency	Research thrust area
1	Min. of Science & Technology, Govt. of India • Department of Science & Technology (DST)	<ul style="list-style-type: none"> • Diabetic Retinopathy & Glaucoma • Medical Image Processing • Biometric Authentication Techniques and Digital watermarking • Development of PCB Prototyping and Mask less Direct Printing Machine • Computational Fluid Dynamics • Mobile Computing and Embedded Technology • Signal Processing and Integrated Networks
2	Science and Engineering Research Board (SERB), DST	Indian Sign Language to Spoken Language Translator Using Multi sensor Armbands
3	Defence Research & Development Organization (DRDO) Govt. of India	<ul style="list-style-type: none"> • Internet of Things: Connect Your Worlds • Cloud System and Big Data • Computational Fluid Dynamics • Image Processing • Signal Processing and Integrated Networks
4	Indian Space Research Organization (ISRO), Bangalore, Govt. of India	Cloud System and Big Data
5	Technology Development and Transfer Division (TDT), DST	Identification of Food Toxins using Image Processing and development of diagnostic tools
6	Indian National Science Academy (INSA)	<ul style="list-style-type: none"> • Social Mobile Analytics & Cloud • Internet of Things: Connect Your Worlds • Cloud System and Big Data
7	National Research Development Corporation (NRDC)- Innovation Facilitation Centre (IFC)	Power System and Control System
8	Indian Council of medical research (ICMR)	Social Mobile Analytics & Cloud
9	Computer Society of India (CSI)	Electronics Systems Design & Manufacturing

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

Response:

Faculty members of different departments have submitted various project proposals with national and international collaborations. Some of them are in the process of final approval. Few of them are approved and active in the department. Currently 11 funded projects are on going in the Institute.

Ongoing Projects	Total Grants Received
National	11
International funding	0
Total	11

Details of the projects are given in the table below:

S. No.	Name of faculty	Project title	Number of faculty	Funding agencies	Grants received/ approved
1	Dr. Varun Gupta	An Experimental Analysis of Requirement Prioritization Techniques in Mass Market Software Development	3	Elita IT Solutions (P) Ltd	Rs. 5 lacs
2	Dr. M. K. Dutta	Design and Development of Computer Aided Diagnosis of Eye Diseases (Diabetic Retinopathy & Glaucoma) and Watermarking of Medical Images for Tele-Ophthalmology	1	DST	Rs. 63.213 Lakhs
3	Dr. M. K. Dutta	Biometric based unique key generation for authentic digital watermarking	1	DST	Rs. 14.9 Lakhs.
4	Mr. Prateek Singh Sengar	Determination of 3-D coordinates in 2D frame using Laser by Image processing techniques.	3	DRDO	Rs. 10.5 Lakhs
5	Dr. M. K. Dutta	Design and development of Non Destructive image processing based diagnostic tool for identification of toxic substances from some common food items.(approved)	1	TDT, DST	Rs. 35 Lakhs
6	Dr. Ashish Mani	Design and development of Mask-less / direct printing PCB prototyping machine.	2	DST	Rs. 43.40 Lakhs

7	Dr. Basant Singh Shikarwar	Screening Diseases Like Anemia and Tuberculosis on the basis of Physical Properties and Blood Stain Pattern Analysis	1	DST	Rs. 40 Lakhs
8	Dr. Rinki Gupta	Indian Sign Language to Spoken Language Translator using data from Wearable Multi-sensor Armbands	1	SERB, DST	Rs 35 Lakhs
9	Dr. Basant Singh Shikarwar	Dropwise Condensation of Vapor from Moist Air on Mesh-Like Surfaces.	1	DST	Rs 49 Lakhs
10	Dr. Rajni Saggu	Energy Efficiency in Green Buildings using Geothermal Pile for Cooling	3	DST-IPHEE	Rs 31.35 Lakhs
11	Dr. Basant Singh Shikarwar	Innovative usage of Phase Change material towards energy saving and storages	1	DST	Rs 70 lakhs

18. **Inter-institutional collaborative projects and associated grants received:**

Response:

Department encourage inter-institutional collaborative research projects for submission to different funding agencies. Many of submitted and running projects have national and international CO-PI. The projects are in collaboration with CSIR, NIT-Hamirpur and GLA University.

Following are the details:

#	Level	Number	Grants received
A	National collaboration	11 (Projects Sanctioned)	Rs 3,97,36,300/-
B	International collaboration	NIL	NIL

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**

Response:

At present we have sponsored research projects under the various schemes of DST and DBT. Currently we have project from DST, DRDO and Elita IT solutions pvt. Ltd. which are mentioned below.

Details of grants received are given below:

Department name	Grants received.(Lakh Rs)
DRDO	10.5
DST	280.513
SERB, DST	35
TDT, DST	35
DST-IPHEE	31.35
Elita IT Solutions (P) Ltd	5.0
Total Grant Received	397.363 (Approx)Lakhs

20. **Research facility / centre with:**

Response:

Department has various research facilities sponsored by DST funded projects. These labs are signal processing lab and mask less / direct printing PCB prototyping machine. Apart from this CFD lab is established with the funding from Department of Science and Technology and Amity University, Uttar Pradesh. Most of faculty members are using available simulation softwares procured for B.Tech/ M.tech programmes by Amity University. Few of research centric labs are:

1. Research and Innovation Lab, Department of Electrical and Electronics Engineering were established in the year 2015. It is equipped with 'State of Art' Electronic Test-bench & prototyping kits, CNC machine, Microscope and equipment for testing ink formulations using Microfab print-head PH-41HT, photo-diode, camera, through which the temperature and Ink viscosity can be changed for controlling and measuring drop parameters and ink's interaction with the substrate. M/s Microfab drop-on-demand print-head is designed for dispensing ink materials at temperatures up to 150°C, which is a unique facility in India. A research and development project entitled, "Design and Development of Mask-Less/Direct Printing PCB Prototyping Machine", is currently being executed in the lab, which has been jointly funded by Department of Science and Technology, Govt. of India and Industry (M/s Garg Electronics, a Unit of M/s India Circuits Limited, Panchkula, Haryana). Further, the lab has produced three patents, five publications and several other projects, patents and publications are in pipe-line.
2. Amity Centre of Computational Fluid Dynamics have various on going research projects in the area of fluid mechanics, heat and mass transfer under the able guidance of Dr. Basant Singh Sikarwar. During the past few years in this centre a significant amount of work has been done on blood flow visualization, internal and external fluid flow (laminar as well as turbulent) and phase change material. This centre recently got Rs. 49,00,000 grant on the topic dropwise condensation from Department of Science and Technology. Other areas on which work is going on are blood flow through vessel and energy storage material.
3. Signal Processing lab, Funded by DST. Three projects are currently ongoing in Signal Processing Lab.
 - Project Title: Biometric based unique key generation for authentic digital watermarking
 The main objective of this project is to develop a watermarking method for digital signals where the watermark will be generated from biometric traits which will be unique for every individual and can be claimed for ownership. This will address the ownership issues of a digital watermark. The method aims at generating pseudorandom number sequences based on templates of biometric images which can further be processed to be embedded in digital signals.
 - Project Title: Design and Development of Non Destructive Image Processing based Diagnostic tool for Identification of Toxic Substances from some Common Food Items
 It has been found that when starchy food like potato is fried at high temperatures, certain toxic substances are formed in these food items. Acrylamide is one such carcinogenic toxic substance that is formed when potato is fried in high temperatures. The Main objective of this project is to develop a "Computer vision based non-destructive image processing Technique to identify toxic substances in Food items". It will be a diagnostic

tool for consumers and will also be a quality check method for food industries where the imaging method can be very efficient and work in a real time situation.

- Project Title: Design and Development of Computer Aided Diagnosis of Eye Diseases (Diabetic Retinopathy & Glaucoma) and Watermarking of Medical Images for Tele-Ophthalmology

The main objective of this project is to develop an automatic diagnostic tool for detection of diseases such as Glaucoma, Diabetic Retinopathy (DR) and Diabetic Macular Edema (DME) from digital fundus images. Glaucoma detection will be based on a machine learning algorithm which uses parameters like cup-to-disc ratio, neuro-retinal rim area and blood vessels area and their orientation on the optic nerve head. These parameters are obtained as a result of the segmentation of optic disc, cup and blood vessels from the fundus image. DR detection will be based on a hierarchical model which grades a fundus image as mild, moderate or severe on the basis of the number of red lesions present in the fundus image. DME is detected using a region based model which grades the severity on the occurrence of exudates in proximity to macula. The macula has the highest concentration of cells which are responsible for sharp vision. Any abnormality near macula can strongly affect these cells and result in vision loss.

21. **Special research laboratories sponsored by / created by industry or corporate bodies:**

Response:

ASET emphasises on research collaboration with industry and corporate bodies. Special research labs have been established under such collaborations which are given below:

Industry or corporate bodies (Name)	Lab details
Internet of Things Lab	MoU signed with INTEL CORPORATION, USA to build Internet of Things Lab which includes; <ol style="list-style-type: none"> 1. Intel IoT Edition, Galileo Gen 2, Grove – Starter Kit Plus 2. Intel Edition: standard Power on Board Antenna + Arduino
ATMEL MCU Center	<ol style="list-style-type: none"> 1. ATAVRDRAGON-AVR DRAGON JTAG debugger- 20 Qty 2. ATAVRXPLAIN-Evaluation Kit for ATXMEGA128A1- 20 Qty 3. ATEVK1100-AT32UC#A0 Series Evaluation Kit- 5 Qty <p>The Lab equipment sponsored by ATMEL will be utilized for the following:</p> <ol style="list-style-type: none"> 1. Give exposure to students about ATMEL MCU's 2. Design and development of systems using ATMEL MCU's 3. To aid students doing their Undergraduate Project and Postgraduate Thesis work 4. To organize workshop and seminars on applications of MCU's 5. To implement the research work done in department using these MCU's

D-LINK LAB	Some equipments related to networking like switches and routers are provided D-LINK
ARM LAB	ARM mbed NXP LPC 1114 kits
Tata Technologies Ltd. (TTL)	<p>TTL Competency Centres are listed below:</p> <ol style="list-style-type: none"> 1. Learning Centre – consisting of high end HPZ440 Workstations with dual graphics monitors, 30 nos. having Creo 3.0 and CATIA V5 Computer-Aided-Design and Manufacturing software – (already in position) Competencies & learnings: <ol style="list-style-type: none"> a. CAD / CAM / CAE technologies b. Product Lifecycle Management c. Digital Manufacturing d. Live projects 2. Innovation Centre – consisting of Laser Cutting Machine, CNC Milling Machine, 3D-Printer and accessories – (to be installed soon) Competencies & learnings: <ol style="list-style-type: none"> a. Design Thinking b. Problem Solving c. Prototyping d. Team work e. Engineering application 3. Technology Centre – Consisting of cut sections of automobiles, aeronautical engines and industrial heavy machineries' parts and assemblies – (to be installed soon) Competencies & learnings: <ol style="list-style-type: none"> a. Knowledge of key aggregates related to individual fields and systems b. Hands-on experience c. Working principles <p>Three more competency Centres are in process of being established. These competency Centres are:</p> <ul style="list-style-type: none"> • Tear Down & Bench Marking Centre • Advance Manufacturing Centre • Virtual Reality Centre
Quanser, Canada	<p>Computer systems with MATLAB -10 Qty QUBE SERVO by Quanser Canada- 10 Qty The Lab equipment sponsored by QUANSER will be utilized for the following: To give exposure to students about control engineering and its application using Qube Servo To aid students doing their Undergraduate and Postgraduate project work To organize workshop and FDP based on QUBE SERVO</p>

22. Publications:

Response:

Faculty members are encouraged for research publications. Information pertaining to publications is as follows:

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	910
Monographs	-
Chapters in Books	9
Edited Books	-
Books with ISBN with details of publishers	34
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	1833
Citation Index – range / average	0-528
SNIP (Source Normalized : Impact per Person)	0-1.907
SJR (Scimago Journal Rank)	0-2.026
Impact Factor – range / average	0-3.89
h-index	0-11

23. Details of patents and income generated :

Response: Following are the details patents and income generated:

Sr. No.	Patent	Inventor's name	Publication or Application No.
1	A System And Method For Reverse Digital Watermarking In Audio Signals	Dr. M.K. Dutta	1550/DEL/2012
2	E- Glass –Epoxy Material Yoke Harness	Dr. R.K. Tyagi	1844/DEL/2012
3	Advance Brake Failure Alarm System	Mr. Arjun Chauhan and Mr. Hemant Chouhan	2139/DEL/2012
4	Embedded expert system for the estimation of direct solar radiation.	Dr. N D Kaushika, Dr. R K Tomar and Mr. Sukhvinder Singh	1663/DEL/2012
5	Power Steering System using Energy of Vibrating Shock Absorber	Mr. Hemant Chouhan	2322/DEL/2012
6	An Environment Friendly Green Tablet PC	Shivang Sharma, Anju Mishra, Saru Dhir	3128/DEL/2012
7	An Aparatus for Installing & Pulling Out Submersible	Dr. R.K. Tyagi	3187/DEL/2012

	Pump from Bore-Well		
8	A System & Method for Cleaning Crank Case Impurities using Compressor System	Mr. Anuj Raturi and Dr. R.K. Tyagi	3271/DEL/2012
9	System & methods for reducing pollutants using vane chamber in exhaust system of automobile	Mr. Rohit Kumar and Dr. R.K. Tyagi	3675/DEL/2012
10	Generation of digital watermark from iris and fingerprint data by two stage encryption using chaotic maps.	Dr. M.K. Dutta	3782/DEL/2012
11	A System and method for joint ownership of digital signals.	Dr. M.K. Dutta	38/DEL/2012
12	Embedded expert system for the estimation of direct solar radiation	Dr. R. K Tomar	1663/DEL/2012
13	An improved System for engagement and disengagement of clutch using actuator.	Mr. Ravi Ranjan and Dr. R.K.Tyagi	03/DEL/2013
14	A novel system for heating exhaust gases, completely filed	Mr. Rohit Kumar and Dr. R.K.Tyagi	1119/DEL/2013
15	System and method for locking petrol and diesel injection to eliminate theft problem	Mr. Rohit Kumar and Dr. R.K.Tyagi	1120/DEL/2013
16	A novel method and system to improve performance of compression ignition engine	Mr. Rohit Kumar and Dr. R.K.Tyagi	1123/DEL/2013
17	Notched Stacked Ultra Wide Band Dielectric resonator antenna for wireless communication application (NS-UWB DRA)	Mr. Ashutosh Gupta	119/DEL/2013
18	A novel system and mechanism for locking steering wheel of an automobile, completely filed	Mr. Ravi Ranjan and Dr. R.K.Tyagi	1270/DEL/2013
19	System and method to reduce theft problem of vehicle by automatic hand brake locking	Mr. Ravi Ranjan and Dr. R.K.Tyagi	1315/DEL/2013
20	Watermarking of Digital Media with Encrypted Biometric Images	Dr. M.K. Dutta	1403/DEL/2013

21	A novel system to reduce ignition delay in diesel engine by introducing electromagnetic waves generated in plasma, completely filed	Mr. R.K.Tyagi	1404/DEL/2013
22	An efficient microwave imaging technique for bio medical application	Dr.M.R. Tripathy	1444/DEL/2013
23	A novel method and system to improve performance of spark ignition engine	Mr. Rohit Kumar and Dr. R.K.Tyagi	1792/DEL/2013
24	Single Point Diamond Turning (SPDT) Tool wear analysis using Dynamic image	Partha Sarthi	9036/DEL/2013
25	Multi Utility Machine Tool	Mr.Angad Chawla, Mr. Tarun Kumar, Mr. Tejeshwar Singh Mr. Abhijeet Gupta Mr. Hemant Chouhan and Mr. Alok Kumar	1963/DEL/2013
26	Power generation by speed breaker with the help of spring and fly wheel mechanism	Mr. R.K.Tyagi	2068/DEL/2013
27	Formulation of Ph sensitive mucoaddhesive microsphere of omeprazole	Yogesh Singh Rathore & Jyoti Rathore	2107/DEL/2013
28	Process to Secure Database using PKI	DivyaUpadhyay, Misha Kakkar and Shanu Sharma	2207/DEL/2013
29	Fast and efficient approach for off line handwritten character recognition	Shanu Sharma , DivyaUpadhyay and Misha Kakkar	2579/DEL/2013
30	An Intelligent Video Camera to detect covered faces to prevent theft on ATM Machines PC	Nidhi Chandra, Anju Mishra	2688/DEL/2013
31	An environment friendly device to keep insects/housefly away from desired area	Dr. P. Banerjee and Dr. J. K. Rai	2985/DEL/2013
32	A novel system and method for efficient cooling of brake disc at higher speed"	Mr. Ravi Ranjan and Dr. R.K.Tyagi	308/DEL/2013
33	Auto Shoe Cleaner Device	Mr. Saket Kumar, Mr. Gaurav Yadav, Ms. Rashmi Swarnkar	3199/DEL/2013

34	WC cum car seating system & method for preparation there of	Mr Gaurav Gupta	3587/DEL/2013
35	Portable electronics drilling coal moisture measuring device	Mr. Saket Kumar, Mr. Ashutosh Gupta, Mr. Gaurav Yadav, Ms. Rashmi Swarnkar	3747/DEL/2013
36	Self lifting Cloth Iron	Mr. Rahul Kumar Verma Ms. Gaytri Gupta	381/DEL/2013
37	A novel system of leakage detection brake oil in automobiles	Mr. Ravi Ranjan and Dr. R.K.Tyagi	591/DEL/2013
38	An improved antitheft system and method for vehicles	Mr. Ravi Ranjan and Dr. R.K.Tyagi	717/DEL/2013
39	Anti theft device implanted on exhaust system of automobiles to reduce vehicle theft	Mr. Rohit Kumar and Dr. R.K.Tyagi	777/DEL/2013
40	An improved traffic light management system	Yogesh Singh Rathore	892/DEL/2013
41	Improve method of video object tracking	Madhulika, Prof. Dr. Abhay Bansal	2772/DEL/2013
42	Optical Heating Element System	Mr. Saket Kumar, Mr. Ashutosh Gupta, Mr. Gaurav Yadav	047/DEL/2014
43	Portable Automatic Switch Controlling device for Controlling Switch	Ashutosh Gupta, Anas Ali Jafri, Usamah Beg	2572/DEL/2014
44	Green Energy Based Air-Conditioner	Mr. Saket Kumar	2983/DEL/2014
45	Modified Fluid Storage Tank	Mr. Rahul Sindhwani / Mr. Ankur Dixit / Ms Punj Lata Singh	3124/DEL/2014
46	GSM Based Power Theft Controlled Real Time Monitoring Switch	Mr. Saket kumar, Dr. H.P. Singh	3329/DEL/2014
47	Android-based handheld device for Speed Control of DC motor via Bluetooth	Prof. (Dr.) Priya Ranjan	3973/DEL/2014
48	Complementary Split Ring Resonator (CSRR) based metamaterial Bow- Tie antenna for multi frequency applications	M. R. Tripathy, Rajesh Kumar and Daniel Ronnow	2514/DEL/2015
49	A compact and miniaturized microstrip patch antenna for Internet of Vehicle (IoV) applications	M. R. Tripathy, Priya Ranjan and Sunil Kumar	3658/DEL/2015

50	Multiband Antenna for Global Positioning Applications	Malay Ranjan Tripathy and Priya Ranjan	4028/DEL/2015
51	A non-invasive device for diagnosis, prevention, treatment and follow-up of incontinence	Prof. (Dr.) Priya Ranjan M. Shukla	1387/DEL/2015
52	Remote Interface for Slider Aided Wireless Power Transmission	Prof. (Dr.) Priya Ranjan	1408/DEL/2015
53	Artificial Sketcher	Tanupriya Choudhury	1544/DEL/2015
54	Automatic railway gate control & track changer using smart anti-collision technique	Tanupriya Choudhury	1545/DEL/2015
55	Heat massage device having finger like structures filled with magnetic fluid	Mr. Ajay Sharma, Mr. Jitin Malhotra, Mr. Mohit Bhandwal, Mr. Narendra Singh, Mr. Atul Sharma	1920/Del/2015
56	Enhancing surveillance system using AI technique through fluoroscopy	Madhulika, Monika Mehta	2044/DEL/2015
57	Disease Detection (Cancer,HeartDisease,Arthritis) In A Smarter Way Through The Help Of Soft Computing	Tanupriya Choudhury	2229/DEL/2015
58	An automated design to generate UML diagram for requirement analysis	Tanupriya Choudhury	2230/DEL/2015
59	An automatic portable DSP processor-based solar/dynamo powered microscope for detection of bacilli	Mukesh Roy, Dr M.K Dutta, Dr. Ayush Goel	259/DEL/2015
60	Microprocessor-based ultraviolet radiation sterilizing device for surgical instruments	Mr. Mukesh Roy, Dr. Ayush Goyal and (Prof.) Dr.M.K.Dutta	2692 / DEL/2015
61	Magnetic Levitation based Security system	Mr. Atul Sharma	2879/DEL/2015
62	Vehicular Accident avoiding Mechanism for Foggy Weather	Mr. Hemant Chouhan and Ish Kakkar	2954/DEL/2015
63	Wheelchair having armrest cum transfer board with anti skid mechanism	Dr. Nitesh Malhotra, MsJagritinara ng Malhotra, Prof. Neeraj Singh, Prof. Vivek Kumar and Mr. Mukesh Roy	2955/DEL/2015

64	A novel Exhaust system for reducing the gases and particulate matter emitted from vehicles	Mr. Sumit Sharma, Mr. Mohit Bhandwal, Mr. Ajay Sharma and Christine Jeyaseelan	3010/ DEL/2015
65	Novel switch system for selecting high/low beam and flash to pass mode	Yogesh Singh Rathore	3128/DEL/2015
66	Driver Identification System	Mr. Saket kumar	3129/DEL/2015
67	Three dimensional printer with installed condensation system	Mr. Mohit Bhandwal, Mr. Jitin Malhotra, Mr. Montek Singh Soni and Dr. R.K. Tyagi	3248/DEL/2015
68	Waste water recycling and rainwater harvesting automatic photosensor mesh based self-lubricating waste-measuring multilevel flush system	Mukesh Roy, Dr. M.K Dutta, Dr. Ayush Goel	338/DEL/2015
69	A household wastewater recycling and rainwater harvesting automatic photo sensor mesh based self-lubricating waste-measuring multi-level toilet flush system	Mr. Mukesh Roy , Prof. Vivek Kumar and Dr. Ayush Goyal	338/DEL/2015
70	Implementation of Voting Protocol on Raspberry-Pi	Prof. (Dr.) Priya Ranjan Sunil Kumar M. R. Tripathy	3400/DEL/2015
71	A laser based heater for the 3D printer's extruder using FDM technoque and method there of	Mr. Jitin Malhotra, Dr. R.K. Tyagi and Mr. Mohit Bhandwal	998/ DEL/ 2015
72	Double differential ring oscillator architecture with low power, low noise and high stability factor for high speed serial link in RF range	Dhruba Ghosh, Sunil Kumar, Paurush Bhulania	1674/DEL/2015
73	Infrared(IR) remote cum sound operated fan regulator for multiple fan appliances	Anita Thakur,Surbhit Bhatnagar	2691/DEL/2015
74	Portable Baby Cleaning Device with powder spray	Garima Mahendru	2878/DEL/2015
75	LPG Trolley Cylinder	Gayatri Gupta,Rahul Verma	2896/DEL/2015
76	Economical Eco-Friendly Wax Cube Based Auto Eject Biodegradable Matchstick Holder	Mukesh Roy, Dr. M.K Dutta, Dr. Ayush Goel	1919/DEL/2015

77	A novel system to reduce emission gases and particulate matters from diesel engine exhaust	Mr. Sumit Sharma, Mr. Ajay Sharma, Ms Christine Jeyaseelan, Mr. Mohit Bhandwal and Mr. Narendra Singh	3779/DEL/2015
78	Internal Liquid cooling system for laptop	Mr. Mohit Bhandwal, Dinesh Balwada, Utkarsh Ashwini, Ms Richa Gupta and Ms Renuka Nagpal	4029/DEL/2015
79	A novel method to reduce exhaust emission of diesel engine using carbon black, 3 way catalytic converter	Mr. Sumit Sharma, Mr. Ajay Sharma, Ms Christine Jeyaseelan, Mr. Mohit Bhandwal and Mr. Narendra Singh	4030/DEL/2015
80	Energy free generation of potable water through recurring condensation and agglomeration using a bicylindrical container	Mr. Shubham Sharma, Mr. Rishabh Sharma and Mr. Simeon Jacob	3661/DEL/2015
81	A Novel Desert Cooler with Automozed water	Dr. Vikas Kumar and Dr. Kuldeep Ojha	2395/DEL/2015
82	Economical Eco-Friendly Wax Cube	Mukesh Kumar Roy, Ayush Goel and Ravi Prakash	1919/DEL/2015
83	A portable head load transmitter device with automatic stress and strain detection system	Mukesh Kumar Roy, Sheetal Jha and Ravi Prakash	3778/DEL/2015
84	Novel Unit Cell and its Effect on Parameters of Metamaterial based Bow-Tie Antenna with Multi Frequency Application Features	Rajesh Kuma, Malay Ranjan Tripathy and Daniel Ronnow	201611002456
85	Multiband Antenna for Robotic Swarming with Application to Dynamic Boundary Tracking	Malay Ranjan Tripathy and Priya Ranjan	201611010121
86	Maple leaf planar fractal antenna for energy harvesting applications	Hemant Kumar, Ila Verma, Pratima Singh and Malay Ranjan Tripathy	201611014937
87	Novel multi-patch fractal antenna	Akshaj Arora, Sahitya Singh, Malay Ranjan Tripathy and Sujata Pandey	201611001523
88	Lotus Shaped multi-band antenna	Sahitya Singh, Akshaj Arora, Malay Ranjan Tripathy and Sujata	201611010120

		Pandey	
89	DNA shaped UWB patch antena	Mr. Devesh Kumar and Rahul Kumar Verma	201611024243
90	IV Fluids level monitoring and nurse notification	Anita Thakur and surbhit bhatnagar	201611022046
91	IOT based Environment Monitoring System for ATM Rooms	Ashish Mani, Sharad Tiwari, E. Chandan, Prateek Singh, Praveen Kumar Singh, Saket Kumar	201611009330
92	Method and System of Real-Time IOT based control to meet power demand balance by Responsive Demand	Ashish Mani and Anjali Jain	201611034022
93	System and Method for Network Reconfiguration and Load	Ashish Mani, G. Manikanta and H. P. Singh	201611034251

24. **Areas of consultancy and income generated:**

Response:

Over a period of last three years, the department has provided consultancy services to the government, public sector and leading private organizations. Through providing consultancy services, the department has been able to generate considerable revenues for the University. Major fields in which consultancy is being provided include structural design, automation, civil engineering and Web Development.

Details of consultancy and income generated are as under:

#	Name of Faculty member & Designation	Expertise of Faculty for Consultancy	Details of Consultancy assignment done by faculty		
			Organisation's Name	Year of commencement	Revenue generated (INR)
1	Prof. Vivek Kumar and Mr. Hemant Chouhan (Assistant Professor)	Partial Automation	E-smart systems Pvt. Ltd	2014	1 lakh
2	Prof. J. Bhattacharjee	Civil Engg	K. D. Kohli Insurance Surveyors & Assessors (P) Ltd.	2014	20,000/-

3	Prof. Dr. Abhay Bansal & Dr. Nitin Rakesh	Web Development	Soughted.com	2015	50,000/-
4	Prof. J. Bhattacharjee	Civil Engg	K. D. Kohli Insurance Surveyors & Assessors (P) Ltd.	2015	20,000/-
5	Prof. J. Bhattacharjee	Civil Engg	MES/Ministry of Defence/ CWE (A/F), Tuglagabad, Delhi	2016	480000/-
6	Prof. J. Bhattacharjee	Civil Engg	New Delhi Municipal Corporation (NDMC), Delhi	2016	20000/-

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:**

Response:

Faculty members from various departments are encouraged to visit National/International laboratories/Institutions/Industries. Research collaborations are being established with respective organisation. Students are also encouraged to visit these institutions for their projects and discover opportunities of potential research work. Few international collaborative projects have been submitted to different funding agencies. Patents and publications are made out of these collaborations. Following faculty have visited various labs, institutions in India and abroad:

S. No	Faculty Name	Details of visit other Lab / Institution / Industry	National / International
1	Prof.(Dr.) Abhay Bansal	University of Melbourne, Australia Deakin University, Australia Swinburne University of Technology, Australia RMIT, Australia University of Western Sydney, Australia	International
2	Prof.(Dr.) Abhay Bansal	York University, Toronto, Canada Carleton University, Ottawa, Canada University of San Francisco, San Francisco, USA University of California, Berkley, USA Stanford University, USA Purdue University, USA University of Illinois, USA Colorado State University, Denver	International

3	Mr. Ankur Choudhary(Assistant Professor)	Factory of Future Swinburne University Of Technology, Australia	International
4	Mr. Ankur Choudhary(Assistant Professor)	RMIT, Australia	International
5	Prof.(Dr.)Malay RanjanTripathy	University of Gavle, Sweden	International
6	Prof.(Dr.)Malay RanjanTripathy	University of Gavle, Sweden	International
7	Prof.(Dr.) K.M.Soni	Intel Research Lab at Chandler, Arizona, USA	International
8	Mr. Manish Sharma(Assistant Professor)	UPES, Dehradun, Uttarakhand	National
9	Mr. Manish Sharma(Assistant Professor)	LASTEC, New-Delhi	National
10	Dr. Rajni Saggu(Assistant Professor)	Central Soil and Material Research Station	National
11	Mr. Hemant Chouhan(Assistant Professor)	Terminal Ballistics Research Lab (TBRL), Chandigarh under the aegis of Vertical 1 of JATC - Overview of blast and ballistic testing techniques.	National
12	Mr. Manish Sharma(Assistant Professor)	BADDI University, Baddi, HP	National
13	Mr. Arun Prakash Agrawal(Assistant Professor)	Software Engineering Lab of GGSIP University New Delhi	National
14	Mr. Prakhar Duggal(Assistant Professor)	AKC Ambuja Cement Knowledge centre	National
15	Ms. RuchiTahTripathi(Assistant Professor)	AKC Ambuja Cement Knowledge centre	National
16	Ms. Madhuri Kumari(Assoc. Professor)	Central Road Research Institute	National
17	Dr. R K Tomar(Assoc. Professor)	Central Road Research Institute	National
18	Dr Neeraj Khera(Assistant Professor)	<i>"Professor. Summit on Atmel XMEGA and ARM based SAM4L Microcontrollers"</i> at IIT Delhi	National
19	Dr Neeraj Khera(Assistant Professor)	<i>"Professor Summit on Atmel 8 bit and 32bit Microcontrollers"</i> at Indira Gandhi Institute of Technology (IGIT) , GGS	National

26. **Faculty serving in:**

Response:

Faculty members of Amity School of Engineering and Technology possess memberships of esteemed committees like Governing Council of Indian Building Congress, Research Doctoral Committee, AKTU, Lucknow, etc. The faculty are also the members of the editorial board of scopus indexed international journals. The worthy knowledge of the faculty members makes them competent to review the research work done by others and serve as reviewers of various scopus indexed journals and TPC members of different International conferences. The significant memberships are listed in the table below.

Following are the details of faculty serving in different committees and boards:

Faculty Name	Designation	Position in the Committee/ Board	Tenure
Prof.(Dr.) Abhay Bansal	Jt Head ASET, HOD-CSE	Executive Committee Member of IEEE UP SECTION	2014-15
Prof.(Dr.) M.K.Dutta	Jt Head ASET, HOD-ECE	Member of Research Doctoral Committee, AKTU, Lucknow	2016
Following are the details of faculty serving in various Editorial Boards:			
Prof.(Dr.) M.K.Dutta	Jt Head ASET, HOD-ECE	Session chair in International Conference. ICQRITDO – 2015 Delhi University	28-30Dec 2015
Dr. Hari Mohan Pandey	Assistant Professor	Reviewer and Associate Editor for Computers & Electrical Engineering, Elsevier Journal.	Oct 16, 2015 to Aug 20, 2016
		Reviewer for EURASIS Journal on Image and Video Processing Springer.	For Special Issue 2015
		Reviewer for IAENG Transactions	2013- till date
Dr. Ravi Prakash	Professor & Advisor (ED & R)	Member, Intl. Advisory Board Reviewer for Partanika Journal of Science and Technology	April 2014 - till date
		1.Reviewer for Intl. Journal of Innovation and Sustainable 2.Partanika Journal of Science and TechnologyDevelopment	August 2016 - till date
		2. Reviewer for Partanika Journal of Science and Technology	July 2008 - till date
		3. Reviewer for Intl. Journal of shock and vibration	February 2016 -

			till date
Dr M.R. Tripathi	Professor	Associated Editor, Journal of Scientific Review	2009- till date
		Editorial and Review board, American Journal of Scientific and Industrial Research	2015- till date
		Editorial Board, International Journal of Advances in Electronics Engineering	2014- till date
		Reviewer, Reviewer of Wireless Personal Communication – Springer	2016
		International Professional Registration Advisor	2014-2016
Dr. M. Partha Sarathi	Associate Professor	Reviewer, 'IET Image Processing' Journal	October, 2014
		Reviewer, 'Journal of Experimental & Theoretical Artificial Intelligence'	August, 2016
		Technical Program Committee member of various International conferences	MedCom-2014 June, 2014
			ICUMT-2015 July, 2015
			ICSC-2016 October, 2016
Mr Ashutosh Gupta	Assistant Professor	TPC member in IJCCEE 2017 (1st International Joint Conference on Computer, Electrical and Electronics Engineering 2017), 7-9 February, Melbourne, Australia	One year
		TPC member in ICCAT' 2017 is an International Conference on Computer Applications & Technology, from 28-29 January, in Cairo, Egypt.	
		TPC member of 2016 IEEE Industrial Electronics and Applications Conference	
		TPC member of 2017 9th IEEE-GCC Conference and Exhibition (GCCCE), Bahrain	
		Reviewer in Second International Symposium on Intelligent systems Technologies and Applications (ISTA'16)	
Dr. Neeraj Khera	Assistant Professor	Reviewer of IEEE Transactions on Industrial Electronics	Oct 2016
Dr Pradeep	Associate	Reviewer of IEEE conference ICCCS 2015	One

Kumar	Professor	ICSC-2016	year
Dr.Sindhu Hak Gupta	Associate Professor	Reviewer, 'AEJ' Elsevier	2015
		Reviewer,IJSA,Springer	2015,2016
Dr. Varun Gupta	Assistant Professor	Associate Editor, IEEE access (SCIE)	Life Long
		Associate Editor, IJCAET (Scopus)	Life Long
		Deputy Editor-In Chief, IJSEC (Scopus)	Life Long
		Editorial Review Board, BJET (SCIE)	Life Long
		Editorial Review Board, IJSSOE	Life Long
Dr. S. K. Dubey	Assistant Professor	Member of editorial and reviewer board in IJIEEB	2015
Manish Sharma	Assistant Professor	Reviewer in Advances in Intelligent Systems & Computing (AISC),Springer, 2016	February -March, 2016
Dr. Deepti Mehrotra	Professor	Reviewer of Applied Soft computing – Elevisier	2015-till date
		Reviewer of Computer & Electrical Engineering- Elesvier	2015-till date
		Reviewer of Vine -Emerald Publishing House	2015-till date
		Editorial Board Member of Journal of Electronic Health Care- Inderscience	2016-till date
		Reviewer of International Journal of Systems Assurance Engineering and Management (IJSa) –Springer	2015-till date
		Technical Program Committee member of various International conferences	2015
		2015 International Symposium on Web of Things and Big Data (WoTBD 2015) 19-22 September 2016, London, United Kingdoms	2015
		MobiApps 2016-3 rd International Workshop on Mobile Applications (MobiApps 2016) 22-24 August 2016, Vienna, Austria	2015
		2016 IEEE Industrial Electronics and Applications Conference Kota Kinabalu, Sabah, Malaysia,	2015

			20th to 22n November 2016	
			The 3rd International Workshop on the Design and Performance of Networks on Chip (DPNoC 2016) Montreal, Canada	2015
			International conference on Cancer Diagnostic and Medical Treatment Approaches, Rome Italy	2015
			International Confrence for Smart Health 2015 Phoenix, Arizona USA Nov 17-18 2015	2015
			The 2nd International Workshop on Design and Performance of Networks on Chip (DPNoC 2015) August 17-20, 2015, Belfort, France	2015
Dr. Archana Singh	Associate Professor	Session Chair	CASSR 2013	2013
		Reviewer	Journal of Retailing and Consumer Services, Elsevier	2012-till date
			Malaysian Journal of Computer Science	2016
			Education Research Journal, USA – 2014	2014
			Reviewer of Conference ICACCI 2015 Conference	2015
			Reviewer of JJRC-Elsevier, 2014	2014
			Session Chair : 3rd ICAME -2013 Conference, Thailand	
Following are the details of faculty serving in various International committees:				
Dr. Varun Gupta	Assistant Professor	Advisory Committee, International Conference on Recent Trends In Engineering And Material Sciences (ICEMS-2016)		2016
		International Programme Committee, 4 th International Symposium on Computational and Business Intelligence		2016

		(ISCBI 2016). The Symposium will be held in Olten, Switzerland	
Dr M. R. Tripathy	Professor	Organizing Session and Chair in PIERS 2014, PIERS 2015, PIERS 2016, PIERS 2016 and Session Chair in IEEE conference (More than Five) Organizing committee in PIERS, St. Petersburg, Russia.	2014-17
Dr. Hari Mohan Pandey	Assistant Professor	IAENG Advisory Board member and chair.	2 years
Dr. Tanupriya Choudhury	Assistant Professor	Advisor Editorial Board (Member of total 8 Journals till date)	4 years(2014-2018)
Madhulika Bhatia	Assistant Professor	Reviewer-NGCT 2015, Journal of Information Sciences & Computing Technologies, International Journal of Computer Vision and Image Processing (IJCVIP), UACEE, IRED, ISSN : 2250-3765, MEMBER ID A7800703	Since 2015
Prof. H.P. Singh	Professor & Head	Session Chair INDICON-2015	17-20 Dec 2015
Prof. Priyaranjan	Professor	Technical Program Committee member. ICCVIA 2017 Reviewer	17-20 Dec 2015
		Reviewer 2016 IEEE Student Conference on Research and Development (SCoReD) (SCoReD 2016).	28-29 January, 2017
		Reviewer 2016 IEEE Asia-Pacific Conference on Applied Electromagnetics (APACE 2016).	13-14 December 2016
		Reviewer 2016 International Conference on Machine learning and Signal Processing (MALSIP'2016)	11-13 December 2016
		Reviewer 2016 IEEE 8th International Conference on Engineering Education (ICEED) (ICEED 2016).	14-16 February 2016
Dr. Ashish mani	Associate professor	Member-Technical Programme Committee IEEE ICRCICN 2016	23-25th September, 2016
		Chairing Session IEEE INDICON 2015	17-20 December 2015
		Member-Technical Programme Committee 2015 International Conference on	29-30 October

		Automation, Cognitive Science, Optics, Micro Electro-Mechanical	2015
		Member-Technical Programme Committee 2015 IEEE Conference on Energy Conversion (CENCON)	19-21 October 2015
Dr. P.M.Tiwari	Assistant professor	Member-Technical Programme Committee ICCCCM-2016	21-22 October 2016
		Reviewer in following international Journals <ul style="list-style-type: none"> • IET Control Theory & Applications (IET) • Journal of Aerospace Engineering (American Society of Civil Engineers) • Advances in Space Research (Elseviers) • Journal of Aerospace Engineering (SAGE) • Robotics and Autonomous Systems (Elseviers) • International Journal of Instrumentation Technology (Inderscience) • Mechanical Systems and Signal Processing (Elseviers) • Advances in Mechanical Engineering (SAGE) • Aerospace Science and Technology (Elseviers) 	2016 2015, 2016 2016 2016 2015 2016 2016 2016
Ms. Pallavi Choudekar	Assistant professor	Reviewer in International Journal IJEAT	2015
Mr. V.K.Tayal	Assistant professor	Member-Technical Programme Committee Springer International Conference-REDSET-2016,	21-22 Oct 2016
		Member-Technical Programme Committee IEEE International Conference-INDICON 2015	17-20 Dec 2015
		Member-Technical Programme Committee International Conference-REDSET-2015	30-31 Oct 2015
		Member-Technical Programme Committee IEEE International Conference CIPECH 2014 KIET, Ghaziabad	28-29 Nov. 2014
		Reviewer-Applied Soft Computing Journal (Elsevier)	October 2015
		Reviewer-Journal of Cleaner Production (Elsevier)	June 2014
Dr.S.K.Sinha	Professor	Member-Technical Programme Committee ICCCCM-2016	21-22

			Oct2016
		Member-Technical Programme Committee IEEE International Conference- ICCCA2016	29-30 April 2016
		Member-Technical Programme Committee IEEE International Conference-PIICON 2016	25-27 Nov 2016
		Member-Technical Programme Committee Springer International Conference- REDSET-2016,	21-22 Oct 2016
		Member-Technical Programme Committee IEEE International Conference-INDICON 2015	17-20 Dec 2015
		Member-Technical Programme Committee International Conference-REDSET-2015	30-31 Oct 2015
		Session Chair REDSET-2016	21-22 Oct 2016
		Session Chair REDSET-2015	30-31 Oct 2015
		Session Chair INDICON-2015	17-20 Dec 2015
Other details of faculty serving in various other Boards/committees:			
Dr. Varun Gupta	Assistant professor	Subject Matter Expert on topic: Software Engineering for Tata McGraw-Hill publisher	
Hari Mohan Pandey	Assistant professor	Hybrid Intelligence and Application served as Chair for INDIA 2016 International conference, Springer.	2016
		Leading Guest Editor for Int. J. of Artificial Intelligence and Soft Computing, Inderscience on Special Issue on: "The Impact of Soft Computing Methods in Software Engineering and Big Data"	2015
		Leading guest editor for Special Issue on Self Adaptive System and Autonomic Machine LearningVisit: http://www.wseas.org/main/journals/systems/SpecialIssue9.pdf	2015
		Chair for International Congress on Educational Policies 2014, November 19-21, 2014 in Bangkok	2014

		Keynote speaker in Third International Conference on Inter Disciplinary Research in Engineering and Technology 2016 was held in Delhi Feb 12-13, 2016	2016
		Chair for Application of Computational Intelligence in Data. Processing (ACIDP) will be held in October 28-29, 2016 in 3 rd International Conference on Computer and Communication Technology.	2016
Gaurav Chitranshi	Assistant Professor	Texas Instruments Expert Advisory panel	06 months
J.K.Rai	Professor	1.Reviewer for IEEE Transactions on Systems, Man and Cybernetics: Systems	2016
		2.Reviewer for IEEE Transactions on Industrial Electronics	2016
		3.Programme Committee Member for The Second International Conference on Advances in Signal, Image and Video Processing - from Sensing to Applications - (SIGNAL 2017), - Barcelona, Spain.	October 6 – 7, 2016
		4.International Program Committee (IPC) Member for the IASTED International Conference on Intelligent Systems and Robotics (ISAR 2016), Zurich, Switzerland	May 21 - 25, 2017
		5.Reviewer for 2016 International Conference on Fuzzy System and Data Mining, Macau University of Science and Technology, , Macau, China.	December 11-14, 2016
		6. International Program Committee (IPC) Member for the IASTED International Conference on Robotics and Control Systems (RCS 2016), Chengdu, China.	August 22 – 24, 2016
Dr Pradeep Kumar	Assistant Professor	Reviewer in IEEE conferences	2014
		Reviewer, IETE journal	23.10.2015 –till date

Col (Retd) Rajiv Jayaswal	Professor	Reviewer in IEEE conferences, Springer Conferences, Springer Journal Paper	2015
Paurush Bhulania	Assistant Professor	Reviewer in IEEE conferences	2015
Ms. Madhuri Kumari	Associate professor	Session Chair in Third International Conference on Transformations in Engineering Education held in Jan 2016 at College of Engineering, Pune	2016
Dr. Rajni Saggu	Asst. Professor	Reviewer of Scopus Indexed – Geo Chicago Conference 2016, Chicago, USA	2016
Dr. Naga Pasupuleti	Asst. Professor	Reviewer – ICE Journal of Transport , UK	2016

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):**

Response:

Faculty development programs are organised by Amity School of Engineering and Technology for updating knowledge of faculty. Various training programs are conducted for the faculty for sharing their expertise. Faculty members are encouraged to attend FDP organized by other institutes as well.

Details of faculty recharging strategies are as under:

#	Prog. Type	2012		2013		2014		2015		2016	
		Org anis ed	Atte nde d	Orga nised	Atten ded	Orga nised	Atte nde d	Orga nised	Atte nde d	Org anis ed	Att end ed
a	Refresher	0	1	0	0	0	1	1	0	1	
b	Orientation programs	1	0	1	0	1	0	1	0	1	
c	Workshops	2	12	3	7	4	14	8	18	7	
d	Training programs	0	6	0	17	2	8	0	9	1	
e	FDP and guest lectures	15	20	27	18	14	20	24	21	10	

28. **Student projects :**

Response:

Projects are the integral part of Engineering curriculum. Inhouse projects and industrial trainings are mandatory for the students. In IInd semester all students do in-house projects and in the VIth semester, all students do industrial training. In addition to inhouse and industrial training, students go abroad for their projects and dissertation.

#	Students projects	Percentage of students	
		UG	PG
1	Percentage of students who have done in-house projects including inter-departmental projects		
	In house / interdepartmental practical trainings	100%	100%
	Summer Training / Internship	100%	100%
	Minor project	100%	100%
	Major Project	100%	100%
	Dissertation	100%	100%

29. **Awards / recognitions received at the national and international level:**

Response: Amity School of Engineering and Technology has many talented faculty members and students who have shown excellence in their respective fields and have won many prestigious awards. They have excelled in research as well as academics and got national and international recognition.

Awards received by faculty:

S. No.	Faculty Name	Design.	Description of Award / Recognition received	National / International
1.	Hari Mohan Pandey	Assistant Professor	Indo-US project for transforming engineering education Phase-III	International
2.	Dr Sabita Madhvi Singh	Assistant Professor	Fellowship for participating in Summer Research course on "Climate and Water", from 13 – 24 June 2016 at Bergen University, Bergen -Norway	International
3.	Dr. Basant Singh Sikarwar	Associate Professor	Delivered an invited talk on the topic "Recent development in Modeling of Drop-wise condensation" at a Research meeting in the Mechanical Engineering, Indian Institute of Technology Varanasi (IIT BHU) 6 Feb., 2016	International
4.	Dr. Hari Mohan Pandey	Assistant Professor	Indo-US project for transforming engineering education Phase-II	International
5.	Dr. Hari Mohan Pandey	Assistant Professor	Global Award for the best computer science faculty of the year 2015	International
6.	Dr. Sabita Madhvi Singh	Assistant Professor	Awarded Fellowship for participating in Refresher course on "Managing flood for spate	International

			irrigation development related to food crops security reflex to the impact of Climate Changes”, at Research Center for Water Resources, Bandung, Indonesia collaboration with UNESCO-IHE, Netherlands.	
7.	Dr. Pallav Gupta	Assistant Professor	An invited talk on the topic “Metal Matrix Nanocomposites: Anti Wear and Anti Corrosion Material for Surface Engineering Applications" at 12th International Surface Engineering, Paints & Coating Symposium and Expo	International
8.	Prof. (Dr.) K. M. Soni	Professor	Intel Embedded Research and Education Summit at Chandler, Arizona, USA	International
9.	Dr. Basant Singh Sikarwar	Associate Professor	Dr. Delivered an invited talk on the topic “Modeling of Thermal Energy Storage" at Short term program on Advances in thermal and renewable system 2015 at Maulana Azad National Institute of Technology (MANIT) Bhopal held from 30 Nov- 4 Dec. 2015	International
10.	Dr. M.R.Tripathy	Professor	Awarded as Chartered Engineer (CEng) from IET, UK.	International
11.	Dr. M.R.Tripathy	Professor	Awarded as Teaching Excellence Award, Indo-Global Education Summit at New Delhi	International
12.	Prof. (Dr.) Abhay Bansal	Professor	Honored as Sr. Member of ACM(USA)	International
13.	Hari Mohan Pandey	Assistant Professor	Indo-US project for transforming engineering education Phase-I	International
14.	Prof. (Dr.) Abhay Bansal	Professor	Elected as Fellow of The Institution of Engineers on 23 Sept, 2013.	International
15.	Prof. (Dr.) Abhay Bansal	Professor	Technical Committee Member of ICNEE 2013, International Conference on Nanomaterials and Electronics Engineering - ICNEE 2013, Malaysia	International

16.	Prof. (Dr.) Abhay Bansal	Professor	Technical Chair of 3rd International Conference on Computer and Software Modeling - ICCSM 2013	International
17.	Dr. (Prof.) M.K.Dutta	Professor	International Travel Support Scheme (ITS) from DST to attend 36th International Conference in Telecommunications and Signal Processing in Rome Italy	International
18.	Dr. (Prof.) M.K.Dutta	Professor	As a resource person in “Signal Processing Workshop in Brno, Czech Republic, Europe	International
19.	Dr. M.R.Tripathy	Professor	Teaching award- Indus Foundation USA	International
20.	Prof. (Dr.) Abhay Bansal	Professor	The Best Citizens of India Award 2012	International
21.	Prof. (Dr.) Abhay Bansal	Professor	Successful Completion on “High Impact Teaching Skills” by Dale Carnegie Training	International
22.	Neeraj Khera	Assistant Professor	Best Paper Award, International Conference on Advances in power conversation and Engineering Technologies (IEEE APCET 2012) at L.R.B.C.E,A.P.	National
23.	Dr.Sanjay Kumar Sinha	Professor	Best paper award International conference, REDSET 2015, 30- 31 October at G.D. Goenka University, Gurgaon, India	National
24.	Hari Mohan Pandey	Assistant Professor	Re Received certificate of Exceptionalism from Prime Minister Office for the Best Computer Science of the year 2015	National
25.	Abhishek Singhal	Associate Professor	Invited to deliver a lecture as speaker in AICTE sponsored Faculty Development Programme organized on “Software Testing, Database Testing and Reliability” by Department of Computer Science & Engineering, Krishna Engineering College, Ghaziabad	National

Awards received by Students:

S. No.	Name of Student	Programme	Description of Award / Recognition received	National / International
1	Mr. Aditya Pan	B.Tech CSE	Got selected as Product Developer, Titansoft Pvt. Ltd., Singapore with an offer of 23 lacs p.a.	International
2	Mr. Jahin Majumdar	B.Tech CSE	Got admission in University of Florida, USA for Masters in Computer Science with Scholarship of \$4500.	International
3	Dhruba Ghosh	M.Tech VLSI	1. Received Fulbright fellowship form from USIEF for fall 2016 for doing Ph D in USA	International
			2. Received invitation from Springer INDIA as a reviewer (CV submitted) and now, working as a reviewer of Springer AISC series	
			3. Received e-mail from IEEE regarding Pre-doctoral award for outstanding achievement in the field of RFIC	
4	Mr. Shivang & Mr.Parichit Kotawala	B.Tech CSE	Awarded Second position in EMC AppAcademy at EMC Forum 2015 for idea blazing a cloud native mobile application to improve my university	International
5	Aneesh Devasthale	B.Tech CSE	Got selected as a student of Google Summer of Code 2015. Successfully completed frontend development on the open source loklakwebclient. Building the twitter wall, and authentication server and payment system. Received a stipend of 5000 USD.	International
6	Ms. Mansha Imtiyaz	B.Tech CSE	Won IET India Scholarship 2014 of Rs. 75,000/- in the IET National Round held in Bangalore	International

7	Mr. Archit Sharma	B.Tech CSE	Got summer internship in CERN Open Lab, Switzerland with stipend of Rs. 3,08,500/- only student selected from INDIA	International
8	Dhruba Ghosh	M.Tech VLSI	1. Received IEEE form for attending conference as a host in R10 Humanitarian Technology Conference, Phillipines	International
			2. Young Professional and Women in Engineering Concentric Congress, Colombo	
			3. Reviewer of "Global Journal of Research and Review"	
			4. Got nomination form and applied for IEEE Nomination for Engineering Excellence Award (USA)	
9	Mr. Pankit Arora	B.Tech (IT)	Won 2nd prize in the international press at JMUN'15(Jaypee Model United Nations 2015)	International
10	Mr. Pankit Arora	B.Tech (IT)	International Press-Photographer in HMIP'15(Hindu Model Indian Parliament)Best Photographer and awarded with cash prize Rs. 1100	International
11	Ms. Preeti Chawla	M.Tech (IT)	Won 2nd prize in Research Publication and cash prize of Rs. 2000	International
12	Mr. Hareesh Pillai	B.Tech CSE	Awarded as Global Engineer Leadership Award 2014 by Government of Taiwan GEL 2014 and offered admission to fully funded 2014 Summer Research Program at National Tsing Hua University, College of Engineering.	International
13	Mr. Rajat Sharma Mr. Anubhav Garg	B.Tech CE	Best 10 entries in grand challenge content, IUCEE, SPEED	International
14	Mr. Sagar Ramchandran	B.Tech (IT)	Sudoku Competition-Won 1st Prize	International

15	Ms. Sakshi Gupta	B.Tech ECE	Participated in various fashion events and Became Ms. Earth India 2016.	National
16	Mr. Mohd Talha Khan	B.Tech CSE	Won the Special Mention(3rd) Award at JMUN'16 organized by Jaypee Institute of Information Technology, Sector 62, Noida	National
17	Ms. Sakshi Gupta	B.Tech ECE	Participated in various fashion events and Became Ms. Earth India 2016.	National
18	Mr. Pankit Arora	B.Tech (IT)	Remuneration- 2000 in Hindu Policy Summit/ Head of Photography	National
			Remuneration- 2000 in DeltechMUN'16	National
			Head of Photography and get Remuneration- Rs. 2000	National
19	Mr. Tushar Singh Mr. Akshath Dhar	B.Tech (IT)	Won second prize as cash prize worth Rs. 1000 in Technical Quiz	National
20	Mr. Munib Ur Rahman	M.Tech (CN&SI)	Filed a patent on Early Warning System (EWS) for detecting earthquake Application No. 201611009333	National
21	Ms. Sonika Jha	B.Tech (IT)	Won Certificate of Merit in All India Essay Writing Event 2015	National

22	Vikrant Sharma, Vivek Sharma, Sandeep, Mayur Patil, Pankaj Chaudhary, Akshat Johri, Md.Kashif Mansoorie, Ayush Jain, Harmanjeet Singh, Mohd Ahad Islam, Piyush Khosla, Adarsh Charan, Manish Shankar Chaudhary, Kshitij Agarwal, Tushar Punhani, Madhup Paliwal, Raunak Kumar Mishra, Abhishek Chaudhary, Rohit kumar Singh, Neetesh Nath Tripathi, Asa Singh, Tafweez Naqash, Bilal Khan, Vishv Kumar	B.Tech- MAE/MAE +MBA	Secured 12th rank in FSI (Formula Student India) prelims i.e. Rules Quiz and secured 19 th Rank for its Design and safety in the competition.	National
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23	Aditya Pratap, Anuj Bhatt, Abhinash patra, Parush garg, Mayank saini, Sauhard Sharma, Harshit soni, Keshav padia, Pranay Bhatnagar, Sandhya jain, Pranav Bhasin, Ujjawal, Sukrit Kalra, Manav Verma, Zubair Ahmad, Nikit Gupta, Deepak Gupta, Chirag Ranka, Sumit kapri, Vishwas Shivam, Rajesh Pandey, Prateek Jaiswal	B.Tech-MAE/MAE (E)/MAE-3C	Participated in SAE BAJA and Cleared Technical Inspection (TI), Endurance Test, dynamic and static events in first attempt. Secured 129 th position out of 374 teams.	National
24	Mr. Mayank Mrinal	B.Tech ECE	1. 3rd Position, Tech Wizard, the tech quiz competition at TRYST 2015, Technical fest IIT Delhi. 2. 3rd Position, Embedtrix, the electronic gadget designing competition at TRYST 2015, Technical fest IIT Delhi. 3. Campus Brand Ambassador for past one year, APTRON Technologies, Noida.	National
25	Mr. Vipluv	B. Tech ECE	Secured 1st position in Basket Ball completion SPORTTECH 2015, IIT Delhi	National
26	Mr. Harsh Sharma	B. Tech ECE	Secured Top Rank in Dr. Vikram Sarabhai Quiz Competition	National
27	Mr. Prakhar Kaushik	B. Tech ECE	Secured Top Rank in Dr. Vikram Sarabhai Quiz Competition	National

28	Mr. Mohd Talha Khan	B.Tech CSE	Won the Best Delegate (1st) Award and a cash prize of Rs. 5000/- at Innovate International Model United Nations organized by Symbiosis law School, Noida in collaboration with United Nations Information Centre for India and Bhutan.	National
29	Mr. Mohd Talha Khan	B.Tech CSE	Won the High Commendation (2nd) Award and a cash prize of Rs. 3500/- at BITS MUN organized by BITS Pilani.	National
30	Mr. Mayank Mrinal	B.Tech ECE	3rd Position, Tech Wizard, the tech quiz competition at TRYST 2015, Technical fest IIT Delhi.	National
31	Mr. Mayank Mrinal	B.Tech ECE	Campus Brand Ambassador for past one year, APTRON Technologies, Noida.	National
32	Mr. Mayank Mrinal	B.Tech ECE	3rd Position, Embedtrix, the electronic gadget designing competition at TRYST 2015, Technical fest IIT Delhi.	National
33	Mr. Aneesh Devasthale	B.Tech CSE	First runner up at "Pitch Please", the pitching competition held at E-Summit, IIT Bombay.	National
34	Mr. Shivang Parichit Kotawala	B.Tech CSE	E-Summit:- Scored Rank 2 in Pitch Please - Business Pitching Competition, E-Summit -2015, IIT Bombay	National
35	Mr. Neil Mathew	B.Tech CSE	Participated in the #OpenDataApps Challenge and received cash award of Rs. 50,000/- in #OpenDataApps Challenge organized by NIC in association with NASSCOM, under the National Data Sharing and Accessibility Policy (NDSAP), Government of India	National

36	Mr. Anshul Sharma	B.Tech CSE	Co-founder of a startup company Fluper Corp., presented Project RUVAN at IIT Kanpur's Technical and Entrepreneurial Fest, Techkriti. The main presenters Mr. Anshul Sharma and Mr. Dhruv Pathak received 2 sparkling trophies from IIT KANPUR	National
37	Dhruba Ghosh	M.Tech VLSI	5. Received Invitation for IEEE, Young professionals National Congress in Kochi	National
			6. Best Technical Innovation Award " nomination from IEEE, Kolkata	
			7. Received Silver medal in IC3T Hyderabad, for outstanding performance, 2015	
			8. Summer research fellowship Programme in IIT, Delhi	
38	Mr. Pankit Arora	B.Tech (IT)	Head of Photography in IITD MUN 2015 and got the cash of Rs. 3000	National
			Remuneration- 1500 in SPS MUN/ Videographer	
			Won 2nd Prize and Trophy in Photography in Pinnacle MUN'15	
			Participated as a Photographer in Indraprastha university Model United Nations 2015 and won the Best Photographer Award and awarded with a cash prize of Rs.2000/-	
39	Ms. Komal Panzade	B.Tech (IT)	Placed on package of Rs. 11 Lakhs in CISCO	National
40	Gursewak Singh Sidhu	M.Tech (IT)	Won 1 st prize in Table Tennis Inter University Games (Teams, Individual, and Doubles) Event.	National
41	Ms. Shrey Saxena	B.Tech (IT)	Global Times Award in Photography	National
42	Mr. Yash Anand	B.Tech (IT)	Cleared N5 Level / Japanese Level Exam	National

43	Mr. Rajat Tiwari	B.Tech (MAE)	National Shooting Championship	National
44	Mr. Manik Luthra	B.Tech. (MAE)	Ranbhoomi 2015	National
45	Mr. Mukesh Roy	M.Tech. Mechatronics	Achieved Online Certificate Course of Innovation & Commercialization, from Massachusetts Institute of Technology (MIT) Cambridge U.S, 2015 with 92% by E.A.Fitzgerald, Professor MIT, Cambridge, U.S	National
46	Mr. Mukesh Roy	M.Tech. Mechatronics	Achieved Online Certificate Course Essential Human Biology-Cell & Tissue, from University of Adelaide, Australia 2015, with 81% by Associate Professor Mario Ricci, University of Adelaide	National
47	Mr. Mukesh Roy	M.Tech. Mechatronics	Hosted Successfully an Event i. e. Engineering Technology Olympiad, AYF 2015	National
48	Ms. Shruti Murgai	M.Tech VLSI	Best Oral Presentation Award At Interdisciplinary Approaches for Engineering Innovations and Scientific Developments- Impacts on Society & Environment	National
			(IAEISDISE)-2014 held at Manav Bharti University	
49	Ms. Shruti Murgai	M.Tech VLSI	Best Oral Presentation Award At Interdisciplinary Approaches for Engineering Innovations and Scientific Developments- Impacts on Society & Environment	National
50	Mr. Vishwas Sharma Ms. Ambika Singh	B.Tech ECE	Performed an event of "BE ON THE STREET" at Select City Walk, Saket, New Delhi	National
51	Ms. Rashalika Sabharwal	B.TECH ECE	Crowned "MISS NORTH INDIA PRINCESS 2014"	National
52	Sahitya Singh	B.Tech ECE	* Awarded by Kyrion Technologies as Maestro in Embedded System	National
53	Akshaj Arora	B.Tech ECE	* Awarded by Kyrion Technologies as Maestro in Embedded System	National

54	Vishwas Sharma and Ambika Singh	B.Tech ECE	Performed an eventt of “BE ON THE STREET” at Select City Walk ,Saket, New Delhi	National
55	Mythri Sunkari	B. Tech ECE	Secured 1st position in CREATIONS BUSINESS PLAN COMPETITION conducted by NIESBUD (National Institute for Entrepreneurship and Small Business Development), Noida. (September 2014)	National
56	Rashalika Sabharwal	B.Tech ECE	Crowned "MISS NORTH INDIA PRINCESS 2014	National
57	Sahitya Singh	B.Tech ECE	Awarded by Kyrion Technologies as Maestro in Embedded System	National
58	Akshaj Arora	B.Tech ECE	Awarded by Kyrion Technologies as Maestro in Embedded System	National
59	Ritu Chandra	B.Tech ECE	SQUASH GOLD AND SILVER MEDALIST at University Level Squash in the Inter Amity Institutions Sports Meet -2014 & 2015	National
60	Drona Khurana	B.Tech CE	Best Paper Award, 8 th Chandigarh Science Congress	National
61	Pravesha Mishra	B.Tech CE	Summer Fellowship, IISc Bangalore	National
62	Praroop Joshi Rudraksh Rana	B.Tech EEE	Project Competition at VIT Jaipur.	National
63	Mythri Sunkari	B. Tech ECE	Secured 1st position in CREATIONS BUSINESS PLAN COMPETITION conducted by NIESBUD (National Institute for Entrepreneurship and Small Business Development), Noida. (September 2014)	National
64	Vishwas Sharma Ambika Singh	B.Tech ECE	Performed an eventt of “BE ON THE STREET” at Select City Walk ,Saket, New Delhi	National
65	Manthan Kumar Puneet Singh Anant Khanna Rohit Kumar Arpit Sachdeva Soham Lahiri	B.Tech. MAE	Participated in Supra SAE 2014 and stood 3 rd rank in AUTOCROSS round	National

66	Uddipana Kalita	B.Tech ECE	Selected as Scientist in DRDO.	National
67	Rahul Singh K. Vysakh	B.Tech CE	First prize in Undergraduate category for their paper presentation at 5th National Civil Engineering Symposium held at IIT Bombay	National
68	Ravitej Singh Rekhi	B.Tech. (ECE)	NATIONAL ENTREPRENEURSHIP CHALLENGE 2013	National
69	Vipluv	B. Tech ECE	Winnere in Basket Ball completion KURUKSHETRA 2013, KURUKSHETRA	National
70	Monish Kumar	B. Tech ECE	Awarded Best Photographer at Zenith Model United Nations Conference 2013, New Delhi	National
71	Abhinav Handa	B.Tech ECE	Flying Officer IAF	National
72	Uddipana Kalita	B.Tech ECE	Selected as Scientist in DRDO.	National
73	Suraj Thapar Apoorv Mangla	B.Tech (IT)	Won 1st prize in Web Carroser/ Web Designing	National
74	Gaurav Mittal	B.Tech (IT)	EMC Techno prenorial excellence award. Won Cash Prize of Rs 25000/- from EMC Storage Pvt. Limited and a memento and citation from AUUP	National
75	Avani Jha	B.Tech ECE	Winner Avani Jha during the Clean & Clear Delhi Times Fresh Face 2012	National
76	Sachin Bashani	B.Tech ECE	Internship awarded in Aircel in 2012	National
77	Sachin Bashani	B.Tech ECE	2. Best Mathematics for the academic session 2008-12	National
78	Ashish Sen	B.Tech ECE	Shri Baljit Shastri Award Conferred with the coveted Shri Baljit Shastri Award for the Best in Human and Traditional Values	National
79	Nakul Maini	B.Tech ECE	Articles in Electronics for You magazine, title as "FPGAs vs CPLDs and microcontrollers", October 2012.	National

80	Avani Jha	B.Tech ECE	Winner Avani Jha during the Clean & Clear Delhi Times Fresh Face 2012	National
81	Sachin Bashani	B.Tech ECE	1. Internship awarded in Aircel in 2012 2. Best Mathematics for the academic session 2008-12	National
82	Vipluv	B. Tech ECE	Secured 3 rd position in Basket Ball completion SPORTTECH 2012, IIT Delhi	National
83	Gitika Bhatia	B. Tech ECE+MBA	Secured 1st position in event SPORTTECH CONTREDANSA, Galgotias University	National
84	Nakul Maini	B.Tech ECE	Articles in Electronics for You magazine, title as “FPGAs vs CPLDs and microcontrollers”, October 2012.	National

30. **Seminars/ Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any:**

Response:

We regularly organise National and International conferences, seminars and workshops. Many experts of International reput have attended these events. Following are the details of the Seminars/ Conferences/Workshops organized and the source of funding:

S. No	Title of Event	Type of Event	Source of funding	Outstanding Participants
1	Signal Processing and Integrated Networks, 2016	International Conference	Registration, DRDO, DST, ISRO	Various foreign Universities, Research Organizations, IIT'S, NIT'S...etc
2	CONFLUENCE, 2016	International Conference	Registration, ISRO, EMC2, Pepsi, BMW, Archies, Jugaadin.com, D-Link Academy, IONCUDOS, DATAQUEST, DOMINION	Various foreign Universities, Research Organizations, IIT'S, NIT'S...etc

3	MANFEX, 2016	International Conference	Registration, Mitutoyo, CETPA, KOBELCO Aileron, SMC, HyTech Pro, Rems	Higher Education Organizations & Research Organizations
4	Trends and recent advances in Civil Engineering, 2016	National Conference	Registration, Kishore Opticals, Vivo smart phone, Arena Animation, SBS, FOSROC, JK Cement Ltd., Johnson, CE&CR, Bentley, Grohe	Higher Education Organizations & Research Organizations
5	SPACE 2016- Symposium on Power and Control Engineering	Symposium	Trinity Micro Systems Pvt. Ltd., Vsun Automotive Pvt. Ltd., Hari Consolidated Pvt. Ltd.	Higher Education Organizations & Research Organizations
6	Recent Development in Control, Automation and power Engineering, 2015	International Conference	Registration, Jet Air, Sofcon, Macro power, teewe, wellspun	Research Organizations, IIT'S, NIT'S...etc
7	Signal Processing and Integrated Networks, 2015	International Conference	Registration DST	Various foreign Universities, Research Organizations, IIT'S, NIT'S...etc
8	Automotive Air Conditioning	National Level Seminar	No sponsor	Higher Education Organizations
9	Energy Efficiency, Conservation and Management	National Level Seminar	No sponsor	Higher Education Organizations

10	Gas Turbine Technology by AMITY-ASME	National Level Seminar	No sponsor	Higher Education Organizations
11	DESIGN SPARK	Workshop	No sponsor	Higher Education Organizations & Research Organizations
12	Quansar	Workshop	No sponsor	Higher Education Organizations & Research Organizations
13	Seminar on Geotechnical Engg.	Seminar	No sponsor	Higher Education Organizations & Research Organizations
14	Technology for Sustainable Development in Construction Industry	Seminar	No sponsor	Higher Education Organizations & Research Organizations
15	SPACE 2014-Symposium on Power and Control Engineering	Symposium	Trinity Micro System Pvt. Ltd., LLOYED International Ltd.	Higher Education Organizations & Research Organizations
16	Emerging Trends in Construction Materials	Seminar	No sponsor	Higher Education Organizations & Research Organizations
17	Trends and Recent Advances in Civil Engineering-2014	Conference	No sponsor	Higher Education Organizations & Research Organizations
18	Signal Processing and Integrated Networks, 2014	International Conference	Registration, DST, DRDO	Various foreign Universities, Research Organizations, IIT'S,NIT'S...etc

19	Confluence -2014- The Next Generation Informatio n Technolog y Summit	Internatio nal Conferenc e	Registration INSA , EMC2, Pepsi, Archies, CRC Press, Mc Graw Hill Education	Various foreign Universities, Research Organizations,IIT'S,NIT'S...etc
20	MECON- Internation al Conference on mobile and Embedded Technolog y	Internatio nal Conferenc e	Registration	Various foreign Universities, Research Organizations,IIT'S,NIT'S...etc
21	Confluence -2013- The Next Generation Informatio n Technolog y Summit	Internatio nal Conferenc e	Registration EMC2, SAIL, Blackberry, unicare, archies, DRDO, kent Mineral RO	Various foreign Universities, Research Organizations,IIT'S,NIT'S...etc
22	Recent Developme nt in Control, Automatio n and power engineering , 2013	National Conferenc e	Registration, Sofcon, Jemboree Education Pvt. Ltd., Trinity Microsystems Ltd., Travek Kalp Herbal Products, Sacred Construction, Shyama and shyan Electricals Ltd.	Higher Education Organizations & Research Organizations
23	National Workshop on Big Data Analytics	Workshop	No sponsor	Higher Education Organizations & Research Organizations
24	WBDA 2013	Workshop	No sponsor	Higher Education Organizations & Research Organizations
25	ESDM	Workshop	No sponsor	Higher Education Organizations & Research Organizations

26	Unmanned Mobile Controlled Robotics	Seminar	No sponsor	Higher Education Organizations
27	Manufacturing Excellence (MANFEX -2013)	International Conference	Registration, Rems	Higher Education Organizations & Research Organizations
28	Confluence -2012- IT SUMMIT	Conference	EMC, International	Various foreign Universities, Research Organizations, IIT'S, NIT'S...etc
29	Cloud Infrastructure Services	Workshop	No sponsor	Higher Education Organizations & Research Organizations
30	Embedded Systems and Robotics Design	Seminar	No sponsor	Higher Education Organizations
31	Trends in Energy management and Sustainability in India	Seminar	No sponsor	Higher Education Organizations

31. Code of ethics for research followed by the departments:

Response:

Following guidelines are followed for research (available on University website)

1. G-53 University Research Policy Guidelines

Amity School of Engineering and Technology is committed to be a Research and Innovation Driven Institute and contribute towards Nation for becoming a global knowledge superpower through education, research and innovation. In all the departments we conduct research work in a transparent, responsible and ethical manner for advancement of knowledge and development of novel processes, technologies and products. It is ensured that the products and outcomes of such research are appropriately disseminated to reach the widest possible audience for the benefit of mankind at both national and global levels.

2. G-58 Policy Guidelines for Publication and Presentation of Research at Symposia/ Meetings/ Conferences

In respect of code of ethics for G58, the Institute focuses to develop, Centre of Excellence in research and innovation at national and global levels through comprehensive research work. Amity School of Engineering and Technology aims to achieve the highest standards with regard to good research practices and the handling of potential scientific misconduct if any. The Institute promotes research and innovation in

order to raise the research profile of its researchers and faculty members along with adding to the impact of University. Researchers of ASET are focussed in publishing their papers in SCI, Scopus, Thomson Reuters Indexed Journals. Researchers at Amity strictly follow the conflicts of interests and general ethics involved in good research publications.

Apart from this in our institution Head, Research and Publication is responsible for looking the routine work related to research policy and its guidelines.

A guidelines are provide to all students from B.Tech to Ph.D. while they are submitting their major project, dissteration or Ph.D. thesis which include a strict policy for plagirsm (no report is accepted with plagiarism more than 15%)

32. Student profile programme-wise:

Response:

Each program has its own eligibility criteria which are displayed also on university's website. The student profile for batch 2012- 16 year is reflected below:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Tech CSE(2012-2016)	2518	266	141	84.2	97
B.Tech ECE (2012-2016)	226	143	62	84.6	96.77
B.Tech. (MAE) (2012-2016)	1773	320	6	92.81	66.66
B.Tech IT (2012-2016)	283	73	58	100	100
B.Tech EEE((2012-2016))	377	45	19	88	88
B.Tech EI((2012-2016))	50	5	4	75	75
B.Tech CE (2012-2016)	614	105	10	98.7	100
B.Tech CSE+MBA(2011-2016)	124	3	8	66	80
B.Tech ECE+MBA(2011-2016)	11	6	3	100	100
B.Tech. (ME) + MBA (2011-2016)	62	12	1	83.33	100
B.Tech. (ME) + M.Tech. (AME) Dual degree(2011-2016)	154	23	1	100	100
M.Tech CSE (2014-2016)	98	16	13	100	92.3
M.Tech Data Science (2014-2016)	7	1	1	100	100

M.Tech ECE (2014-2016)	25	9	14	100	92.86
M.Tech VLSI (2014-2016)	38	9	9	100	100
M.Tech EST (2014-2016)	17	3	5	100	100
M.Tech WC (2014-2016)	12	3	4	100	100
M.Tech. (Mechatronics(2014-2016)	21	4	1	100	100
M.Tech. (Industrial & Production Engineering) (2014-2016)	51	14	1	92.3	100
M.Tech.(Automobile Engineering) (2014-2016)	67	17	0	94.11	N.A.
M.Tech IT (2014-2016)	50	03	21	100	100
M.Tech CN&IS (2014-2016)	17	04	02	100	100
M.Tech (P.S) (2014-2016)	66	3	5	100	100
M.Tech (C.S) (2014-2016)	66	11	4	100	100
M.Tech CSE Weekend (2013-2016)	98	16	13	100	92.3
ECE Weekend (2013-2016)	37	3	8	100	91
M.Tech. (Automobile Engineering – Weekend) (2013-2016)	7	0	0	0	0

33. Diversity of students:

Response:

The programmes and strategies that are adopted by the institute to get admission of students from the diverse backgrounds are advertising at national level and conducting the entrance exam at national level. Also students from different countries have taken admission. The needs of the students from diverse backgrounds whether financially or region wise are catered.

Details are as follows:

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech CSE (2014-18)	NA	19.82	80.18	NIL
B.Tech CSE (2015-19)	NA	28.05	71.95	NIL
B.Tech CSE+MBA(2014-19)	NA	10	90	NIL

B.Tech CSE+MBA(2015-20)	NA	18.18	81.82	NIL
B.Tech CSE+MBA(2016-21)	NA	70	30	NIL
B.Tech CSE(3C) (2014-18)	NA	26.92	73.08	NIL
B.Tech CSE(3C) (2015-19)	NA	18.62	81.38	NIL
B.Tech CSE(3C) (2016-20)	NA	18.91	81.09	NIL
M.Tech CSE (2014-16)	NA	31.25	68.75	NIL
M.Tech CSE (2015-17)	NA	31.42	68.58	NIL
M.Tech CSE (2016-18)	NA	25	75	NIL
M.Tech DS (2014-16)	NA	50	50	NIL
M.Tech DS (2015-17)	NA	40	60	NIL
M.Tech DS (2016-18)	NA	NIL	NIL	NIL
M.Tech Wd (2014-17)	NA	69.23	30.77	NIL
M.Tech Wd (2015-18)	NA	50	50	NIL
M.Tech Wd (2016-19)	NA	55.55	44.45	NIL
B.Tech. (Mechanical Engineering)	NA	25.76	74.23	0.001
B.Tech. (Automobile Engineering)	NA	30.23	69.77	NIL
B.Tech. (Mechanical Engineering - 3 C)	NA	26.98	73.02	NIL
B.Tech. (ME) + M.Tech. (AME) Dual degree	NA	23.52	76.48	NIL
B.Tech. (ME) + MBA Dual degree	NA	14.28	85.72	0.030
M.Tech.(Automobile Engineering)	NA	16.13	83.87	NIL
M.Tech. (Industrial & Production Engineering)	NA	17.39	82.60	0.043
M.Tech. (Mechatronics)	NA	22.23	77.77	NIL
M.Tech. (Automobile Engineering – Weekend)	NA	50.00	50.00	NIL

Ph.D. in Mechanical and Automation Engineering	NA	0.00	0.00	NIL
Ph.D. in Mechanical and Automation Engineering(Part Time)	NA	75.00	25.00	NIL
M.Tech. (EE)	NA	33.33	66.67	NIL
M.Tech. (SE)	NA	26.31	76.69	NIL
B.Tech. (Civil)	NA	39.80	59.06	1.14
B.Tech. (Civil- 3C)	NA	25.00	75.00	NIL
B.Tech(Civil) + MBA	NA	58.33	41.67	NIL
B.Tech ECE	NA	80	16.25	0.63
M.Tech (ECE)	5.71	34.29	60.00	NIL
M.Tech (VLSI)	NIL	11.76	88.24	NIL
M.Tech (EST)	NIL	62.50	37.50	NIL
M.Tech (WC)	14.29	64.29	21.43	NIL
M.Tech IT 2012-14	3.8	50	46.1	NIL
M.Tech IT 2013-15	NIL	47.82	52.57	NIL
M.Tech IT 2014-16	9.0	36.36	54.54	NIL
M.Tech CN & IS 2014-16	NIL	NIL	66.66	33.33
M.Tech IT 2015-17	NIL	50	50	NIL
M.Tech CN & IS 2015-17	NIL	NIL	100	NIL
M.Tech SE 2015-17	NIL	33.33	33.33	33.33
B.TECH(EEE)	NA	27	73	NIL
B.TECH(EI)	NA	21	79	NIL
M.Tech (P.S.)	NIL	50	50	NIL
M.Tech (C.S.)	NIL	30	70	NIL
M.Tech (P.S.)Weekend	NIL	42	58	NIL
Phd (EEE)	NIL	62.5	37.5	NIL
PhD (CSE)	11.9	11.9	76.19	0.01
Ph.D (ECE)	9.3	16.3	74.4	NIL

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:**

Response: Following are the numbers of students who have cleared various competitive examinations:

Cleared Examinations	Number of students
Civil Services	2
Defense Services	19
NET	1
SET	Nil
GATE	37
Other competitive examinations (please specify) PSUs,GRE,MAT,CAT,TOEFEL	196

35. **Student progression:**

Response:

On completing the B.Tech, students have multiple choices of either to go for a postgraduate course or to become Entrepreneur. Many students from institute have gone for their PG programme in Engineering and Management to institutes of National and International importance. PG students also registered for Ph.D. Programme. Institute organize regular campus drive to place majority of students in various companies. Students also recruited by Narcotics Control Bureau, Staff Selection Commission, IT specialist at Punjab National Bank and Indian defence organizations. Percentage wise details of student progression in different field are given in tabular form.

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	1%	1%	2%	2%	2%
PG to M.Phil.	NA	NA	NA	NA	NA
PG to Ph.D.	100%	8%	6%	6%	11%
Ph.D. to Post-Doctoral	NA	NA	NA	NA	NA
Employed					
<input type="checkbox"/> Campus selection	63.17	50.58	49.28	59.49	56.65
<input type="checkbox"/> Other than campus recruitment	36.48	46.86	38.76	23.91	29.48
Entrepreneurs	NIL	1	NIL	3	NIL

36. **Diversity of staff:**

Response: Following are the Diversity of Staff given as percentage :

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
of the same university	5.37	5.37	5.28	6.86	4.52
from other universities within the State	17.20	17.20	17.30	17.15	16.58
from universities from other States	75.26	75.26	75	73.3	74.37
universities outside the country	2.15	2.15	3.36	2.94	2

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**

Response:

Details of faculty who were awarded Ph.D. during the assessment period are as under:

Department	2012	2013	2014	2015	2016
ECE	1	0	1	0	3
ME	1	1	3	5	4
CE	1	0	1	3	0
CSE	2	2	2	1	6
EEE	1	0	1	1	2
IT	0	0	0	1	0

38. **Present details of departmental infrastructural facilities with regard to:**

Response: Various departmental infrastructural facilities with regard to:

Library	Centralized library at university level having around 79,052 books, 121 Indian Engineering Journals and 16,940 International Engineering Journals.
Internet facilities for staff and students	All students and staff are provided with internet facility with 600 MBPS internet bandwidth connectivity provided at campus. These facilities are centrally managed by AKC data center at university level
Total number of class rooms	69
Class rooms with ICT facility	100%
Students laboratories	132
Research laboratories	5

39. **List of doctoral, post-doctoral students and Research Associates:**

Response: Following are the details of doctoral, post-doctoral and research associates:

List of doctoral students	2012	2013	2014	2015	2016
From the same university	1	1	3	7	5
From other Institutions/Universities	0	22	27	44	23

40. **Number of post graduate students getting financial assistance from the university:**

Response: Number of students getting financial assistance from university are as follows:

Year	Type of Scholarship or other financial assistance	Number of PG students
2011-12	Merit Scholarship During The Programme	1
2012-13	Merit Scholarship During The Programme	3
2013-14	Merit Scholarship During The Programme	2
2014-15	Merit Scholarship During The Programme	3
	On Admission Scholarship Holder's List 2014-15	1
2015-16	Merit Scholarship During The Programme	2

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response:

Yes, there are certain documented details for the new Programme to be followed conformed to the nomenclature of UGC/AICTE norms like, Preparation and submission of proposal with following information:

- Name of the programme(s), Nomenclature of the Degree.(This should conform to the nomenclature specified by UGC / AICTE, etc.) Whether approval of specified Regulatory Body or Council, if required, has been obtained?
 - Intake capacity proposed, Minimum and maximum duration of the programme, Eligibility conditions prescribed for admission (educational qualification, age, experience, etc.)
 - Proposed Fee Structure of the programme, Source of intake.
 - Career opportunities/Employability after completion of Programme.
 - Number of students required for breakeven / viability of the programme, Justification for proposing the programme.
 - Source of programme-Whether proposed programme is run by any other National / International University in that respective domain.
- The proposed new program should be checked with other Institutions whether it is running there or not

The proposal with all the above details should be submitted to the University by 7th of October each year for its:

- Scrutiny of proposal by a committee
- Approval of Competent Authority / Academic Council.
- Inclusion in the Admission Bulletin
- Inclusion in the University Brochure

Immediately after submitting the proposal, action should be taken to draft the structure, curriculum and detailed syllabus and Scheme of Examination & Evaluation of the programme with the approval of the Board of Studies and forwarded to the University within 15 days of sending the proposal.

Further, before starting the new programme, it has to be ensured and confirmed that the required infrastructural facilities as per UGC / AICTE and other Statutory Bodies Norms i.e. buildings, equipments, books and journals, faculty become available.

42. Does the department obtain feedback from:

Response:

Program Structure to be developed based on the following:

1. Inputs from students, alumni, course faculty and employers are also taken into consideration through curriculum feedback.
2. Regular industry interface gives the idea of new demands & requirements from the industry.
3. Student's feedback via Amizone (Amity Intranet)
4. Analysis of current trends in the market
5. Benchmarking with other Institutions / Universities
6. Requirements / Norms /standards of various statutory and accreditation bodies
7. Consultation with the members of board of studies and industry advisory board.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Response:

Yes. The faculty feedback is used to introduce new learning objectives up to a certain percentage per course. Regular meetings are held in the department to discuss and review the feedback. Faculty members of the department are part of the Board of Study. This ensures the knowledge provided and the curriculum is up to date with the market needs. The teaching and learning methodologies are also improvised with latest videos, visual aids and power point presentations. Faculty development programmes are then organised to improve the teaching and learning for new courses and topics.

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Response:

Yes. Feedback is obtained from students on regular basis through setting up class committees for every course. The feedback is used to improvise teaching and delivery methods as well as assessment methods. Head of the department closely monitors the feedback on monthly basis, while the IQAC monitors the student feedback on semester basis. The student feedback is considered as one of the

criteria to review the faculty performance. Similarly feedback on curriculum is used to introduce new learning objectives up to a certain percentage. This ensures the knowledge provided and the curriculum is up to date.

Alumni and employers on the programmes offered and how does the department utilize the feedback?

Response:

Yes. Feedback from alumni and employers is also utilised in improvising the learning objectives so as to introduce the students to the latest technologies developed and bridging the gap between the educational institute and industry requirements.

Feedback from alumni and employers is also utilised in improvising the learning objectives so as to bridge the gap between the educational institute and industry requirements. The feedback is used for course review and for updating the program structure.

43. List the distinguished alumni of the department (maximum 10):

Response: Following are our distinguished alumni:

#	Alumni Name	Programme Name	Associated with (Organization Name)	Designation
1	Avinash Srivastava	B.TECH (CSE)	British Gas Group, UK.	Big Data Analyst Lead
2	Aditya Pan	B.TECH (CSE)	Titansoft Pvt. Ltd., Singapore	Product Developer
3	Mhd. Farhan Ali	B.TECH (CSE)	Microsoft	Associate Consultant
4	Komal Panzande	B.TECH (IT)	CISCO	Network Engineer
5	Kritika Khanna	B.TECH (E&I)	VEGA, DUBAI	Technical Sales Engineer
6	Manish Rai	B.TECH (MAE)	Kalebr Technologies DMCC, Dubai	Business Development Executive
7	Nitish Jha	B.TECH (CSE)	MORGAN STANLEY	Associate
8	Rahat Khanna	B.TECH (CSE)	Flipkart	Senior UI Developer

9	Lucky Gautam	B.TECH (E&I)	Indian Oil Corporation Pvt. Ltd.	Engineer
10	Parth Birendra	B.TECH (CSE)	Ernst & Young LLP	Advisory Services

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

Response:

The objectives of student enrichment programme are to promote and achieve academic attainment, social interaction and broaden the skill in the field of science and technology. In order to provide exposure to students of recent research and innovation in the field of science and technology, institute organize special lectures / workshops / seminars in which external experts from leading research and development organizations are invited to share their views. Beside this more than 200 invited talks are organised during conferences in ASET. The list of such programs organized by Amity school of Engineering and Technology are listed below:

S. No.	Programme (special lectures / workshops / seminar)	Topic	Name of expert with designation and organization detail.
1	Guest Lecture	Energy Conservaton and Energy Audi	Mr. Shiv Om Prakash, Former Chief Engr. Of Defence (MES)
2	Guest Lecture	Guidelines on use of Glass in Buildings - Human Safety	Mr. Deepak Gahlowt is an Architect and Consultant. Managing Director, Xebec Design and Facilities Private Limited
3	Seminar	Higher Education Opportunities'	Ms. Caroline Guény-Mentré
4	Guest Lecture	Safety, Health Environment & Training in Built Environment	Maj. Gen. K. T. Gajria, senior manager at Halcro Consulting India Ltd
5	Guest Lecture	benefits of joining IET membership after completion of graduation	Tushar Chaudhary, Head Of launch pad and business setup, India at UKIBC
6	Guest Lecture	Residential Green Building's in India	Mr. Nilanjan Bhowal, Prinicipal Architect , Design Consortium Delhi

7	Guest Lecture	Primavera for Construction for Project Management (Session Plan includes Costing, Budgeting, Scheduling & Project planning)	Ms. Monika Mehra, Trainer, Multisoft solution
8	Guest Lecture	New Technology of civil Engineering	Mr. Swatantra Kumar, AGM, Aimil ltd
9	Industrial Interaction Session	Embedded System Design And Vlsi	Mr. SRINATH NUDURUPATI, (Director - Inxee Systems Pvt. Ltd. and Xinoe Systems Pvt. Ltd.)
10	Guest Lecture	Future aspects and job opportunities in Civil Engineering	Prof. Ravindra Kumar HOD Civil Engineering G L Bajaj Institute of Technology and Management, Greater Noida
11	workshop on LabVIEW	Hands on workshop on "LabVIEW myRIO"	Arpit Porwal (Buisness Development Engineer), Starcom Technology
12	Guest Lecture	Green Computing	Dr. Sartaj K Sahni, Distinguished Professor of Computer and Information Sciences and Engineering at the University of Florida
13	Guest Lecture	A Secure Data Sharing And Query Processing Framework Via Federation Of Cloud Computing	Sanjay Kumar Madria received his Ph.D. in Computer Science from Indian Institute of Technology, Delhi, India in 1995. He is a Professor, Department of Computer Science, at the Missouri University of Science and Technology (formerly, University of Missouri-Rolla), USA.
14	Guest Lecture	Data Warehousing And Business Intelligence	Mr Anshul Genpact Assistant Vice President, Business Intelligence
15	Guest Lecture	Digital Transformation In The Age Of Cloud, Big Data, Mobile And Social	Dr. P.K Strategy Theatre Lead, Asia Pacific and Japan for EMC Corporation.

16	Guest Lecture	“Web Of Things”	Prof. Bebo White is a Departmental Associate (Emeritus) at the SLAC National Accelerator Laboratory Accelerator Center, the high-energy physics and basic energy science laboratory operated by Stanford University.
17	Guest Lecture	Human Computer Interaction	Prof. (Dr.) Peter Robinson is Professor of Computer Technology at the University of Cambridge Computer Laboratory in England, where he leads the Rainbow Group on computer graphics and interaction.
18	Expert Talk	NextGen Security Thinking	Mr. Himanshu Tiwari, Security Architect and an Information Security practitioner, Cigital, New York
19	Workshop	Research Paper Writing	Dr. Sohini Roy Chowdhury, Assistant Professor, Department of Electrical and Computer Engineering, University of Washington, USA
20	Guest Lecture	Construction Management	Prof. Anil Sawhney , Director CPM, RICS SBE
21	Guest Lecture	Preparing for the ‘Web of Things’	Prof. (Dr.) Bebo White
22	Guest Lecture	Challenges being faced at the Site of Construction of the Additional Supreme Court Building Complex at Pragati Maidan	Mr. K. P. Abraham, Advisor to New construction of new complex for Supreme Court of India at Pragati Maidan, New Delhi
23	Design Spark Workshop	Workshop on PCB designing	RS Components
24	Guest Lecture	Specialty Strategy Theatre Lead, Asia	Dr. P.K Gupta, Specialty Strategy Theatre Lead, Asia Pacific and Japan, EMC Corporation at Amity
25	Guest Lecture	Employment Opportunities for Civil Engineers	Ms. Sangeeta Vij, Technical Director (Structures), AECOM, Building Engineering- India

26	Guest Lecture	Computational Sensing And Imaging: Using For Computing And Computing Devices	Prof. (Dr.) David G. Stork, Fellow and Inventor, Rambus Lab, Silicon Valley, California, USA
27	Workshop	Biomedical Signal Processing and Instrumentation using miBEAT	Mr. Abhinav, CEO of Cardea Labs
28	Guest Lecture	Advances in Software Analysis and Analytics in Packaged Application Solution	Mr. Pankaj Dhoolia, Technical Expert in the Programming Languages and Software Engineering group, IBM research labs
29	Guest Lecture	Challenges in Software Engineering	Mr. Vijay Rastogi, MD, Sisoft Technologies.
30	Guest Lecture	Software Architecture and its applications in large software products:A Microsoft Prospectives	Mr. Mrityunjay Kumar, Technologist and Product Enthusiast, Magic Software incorporation
31	Panel Discussion	“Tips and Tricks to Improve Scientific Research Paper Writing Skills”	<p>Moderator: Prof. M.K.Dutta, Amity University, Noida.</p> <p>Panel Members: 1. Prof. Pan Agathoklis, University of Victoria, Canada</p> <p>2. Prof. Patrick Gaydecki, University of Manchester, United Kingdom</p> <p>3. Prof. C. Sidney Burrus, Rice University, Houston, Texas, USA</p> <p>4. Prof. Yi Qian, University of Nebraska-Lincoln, Lincoln, Nebraska, USA</p> <p>5. Prof. Dr. Sven-Hendrik Voss, Beuth Hochschule für Technik Berlin, University of Applied Sciences, Berlin, Germany</p> <p>6. Prof. Zara M.K. Moussavi, Director, Biomedical Engineering Program, Professor & Canada Research Chair, Winnipeg, Manitoba, Canada</p> <p>7. Prof. Raimo Kantola, Dept of Communications and Networking, Aalto University, Finland</p> <p>8. Prof. Peter Puschner, Technische Universitaet Wien, Real-Time</p>

			Systems Group, Vienna, Austria. 9. Prof. Radim Burget, BRNO University of Technology, Czech Republic, European Union. 10. Dr. Ivan Linscott – Scientist, VLF Research Lab, Stanford University, USA 11. Prof. S.Dhanjal Thomson River University, Department of Computing Science, Canada
32	Expert Talk	IoT, RFID and Sensor Devices	Mr. Vineet Chaudhary, Director (Technology), Ajneya Technologies, Noida
33	Guest Lecture	Big Data and Hadoop	Mr. Bharat Bhusan, Head, Madrid Software Solutions,
34	Guest Lecture	Android Programming	Mr. Pankaj Arora, Database Architect, hCentive Technology India Pvt. Ltd., Noida
35	Guest Lecture	Next Generation Technologies a Paradigm Shift	Ms. Preeti Das, India Head (Services Business), Microsoft
36	Guest Lecture	Cyber Security & Social Engineering	Mr. Anuj Kumar Agarwal, Chairman, Computer Society of India, Noida Chapter.
37	Guest Lecture	Introduction to Mobile Apps and BlackBerry 10 Platform	Mr. Saurabh Jain, Director S.K. Technologies Pvt. Ltd.
38	Guest Lecture	Developments in ICT in India	Dr. D.R. Mishra, Sr. Scientist, I.I.P.R, Kanpur.
39	Guest Lecture	CISCO Networking	Mr. Khawar Butt, Chairman and CTO Networxx
40	Guest Lecture	Data science and Big Data Analytics	Mr. Vineet Punjabi, Lead Quality Assurance Engineers at Adobe Systems
41	Guest Lecture	HTML5	Mr. Siddharth Goyal, Founder of WebInstitute
42	Special Lecture	Reliability in IoT applications	Dr Tan Cher Ming, Professor, Chang Gung University, Taiwan
43	Guest Lecture	BigData	Mr. Simarjit Singh/Vice President/ RBS, Gurgaon
44	Workshop	Mobile Application Development	Mr. Manit Singh Kalsi, Software Development Engineer, Seattle, Washington, Amazon
45	Guest Lecture	About Internet Protocol Version (IPv6)	Mr V. K. Arya, Founder director of AVK global Trainers

46	Guest Lecture	A secure data sharing and query processing framework via federation of cloud computing	Prof. Sanjay K Madria
47	Guest Lecture	Digital transformation in the age of cloud, big data, mobile and social	Dr. P. K Gupta
48	Expert Talk	Computational Sensing and Imaging: Using Optics for Computing and Computing for Optics	Prof David G. Stork
49	Expert Talk	From Mind to the Marketplace- Innovation through global partnership and Alliances	Prof. Suresh K Bhargava
50	Expert Talk	Cyber Security - Expert Talk	Prof. Jan van den Berg

45. **List the teaching methods adopted by the faculty for different programmes:**

Response:

Teachers provide a variety of learning experiences, including individual and collaborative learning. The teachers employ interactive approach to teach the students and makes learning a process of construction of knowledge.

1. Lectures and Tutorials
2. Practical Classes
3. Power point presentations
4. Group Discussions
5. Debates and quiz
6. Class interaction
7. Newspaper articles Reference books
8. Case Studies
9. Industrial Visits Industry based projects
10. Book reviews and reference to journal articles
11. Learning Management System
12. Flipped Classes

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

The system of monitoring is the outcome assessment plan. OAP for various programmes are listed below:

Outcome Assessment:

The learning outcome assessment monitoring is more qualitative and focuses on improving teaching methods by analyzing student learning outcomes.

Quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning.

The learning outcome monitoring include aligning of domain mission to institutional mission and finally to the program objective. These broad goals are categorized in two categories namely educational goal and operational goal.

Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome has an objective and achievement of the outcome indicates the attainment of the said objective.

Assessment of learning outcomes:

Each outcome is assessed by atleast one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with the objective and thereby with the mission at the institutional and domain level.

The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes.

Program Review:

Through program review we assess and overview the following criteria:

1. Students are learning the knowledge, skills and habits necessary to achieve program goals and objectives
2. The program goals are derived from the institution's mission.
3. The curriculum is coherent, current and consistent.
4. The instruction is acting as enabler to the students.
5. The requisite resources are adequate for student learning
6. The academic support services are adequate to facilitate student learning

S. No.	PLO's	Direct	Tool No for Direct Assessment	Target Performance	Indirect	Tool No for Indirect Assessment	Target Performance
1	The student shall apply fundamental and advanced knowledge of mathematics, science and engineering to solve problems	Summer Internship , Project/ Industry Internship Summer Internship , Project/ Industry Internship	UG/CE/ Comprehensive Examination UG/MP/ Major Project	70% of the students will achieve 6.5 CGPA	Student Exit Survey Feedback of Industry Internship Guide	UG/SE/ Student Exit Survey UG/ FIIG/ Feedback of Industry Internship Guide	70% students response range between 4-5 on the Likert Scale in the Student Exit Survey and industry feedback
2	The student shall demonstrate an ability to design and conduct experiments in computer science and engineering to collect, analyze and interpret data to reach logical conclusions	Summer Internship , Project/ Industry Internship Summer Internship , Project/ Industry Internship	UG/CE/ Comprehensive Examination UG/MP/ Major Project	70% of the students will achieve 6.5 CGPA	Student Exit Survey Feedback of Industry Internship Guide	UG/SE/ Student Exit Survey UG/ FIIG/ Feedback of Industry Internship Guide	70% students response range between 4-5 on the Likert Scale in the Student Exit Survey and industry feedback
3	The student shall construct, select, and apply appropriate techniques, resources, modern engineering	Summer Internship , Project/ Industry Internship Summer Internship , Project/ Industry	UG/CE/ Comprehensive Examination UG/MP/ Major Project	70% of the students will achieve 6.5 CGPA	Student Exit Survey	UG/SE/ Student Exit Survey	70% students response range between 4-5 on the Likert Scale in the Student

	and computer science & engineering tools and techniques	Internship					Exit Survey
4	The student shall design a novel system or process to meet desired technical, environmental, safety and economical specifications within the realistic constraints such as economics, environment, ethics, health and safety	*Business Communication Course Result analysis of all semesters, Behavioural Science Course Result analysis of all semesters, Journal of Success, *Rubrics, Comprehensive Exam	UG/CE/ Comprehensive Examination UG/ BS/ Behavioural Science, UG/CS/ Communication Skills	70% of the students will achieve 6.5 CGPA	Student Exit Survey	UG/SE/ Student Exit Survey	70% students response range between 4-5 on the Likert Scale in the Student Exit Survey
5	The student shall be able communicate effectively both verbally and in writing ideas and arguments	Comprehensive Exam Foreign Business language Business Communication Course Result analysis of all semesters	UG/CE/ Comprehensive Examination UG/CS/ Communication Skills UG/FBL/ Foreign Business Language	70% of the students will achieve 6.5 CGPA	Student Exit Survey	UG/SE/ Student Exit Survey	70% students response range between 4-5 on the Likert Scale in the Student Exit Survey
6	The student shall demonstrate an ability to	Behavioural Science Course Result analysis	UG/ BS/ Behavioural Science UG/MP/	70% of the students will achieve	Student Exit Survey Feedba	UG/SE/ Student Exit Survey	70% students response range between 4-

	work/discuss in a group and to function either as a member or a leader in multi-disciplinary teams oriented towards solving computer science and engineering problems	of all semesters Summer Internship , Project/ Industry Internship	Major Project	6.5 CGPA	ck of Industry Internship Guide	UG/FII G/ Feedback of Industry Internship Guide	5 on the Likert Scale in the Student Exit Survey and industry feedback
7	The student shall understand the broad education necessary for the impact of engineering solution in global and societal context	Behavioral Science Course Result analysis of all semesters Comprehensive Exam	UG/ BS/ Behavioral Science UG/CE/ Comprehensive Examination	70% of the students will achieve 6.5 CGPA	Student Exit Survey	UG/SE/ Student Exit Survey	70% students response range between 4-5 on the Likert Scale in the Student Exit Survey
8	The student shall develop an understanding of professional and ethical responsibility	Plagiarism Checking of Term Paper/Practical Training/Industrial Internship /Major Project	Assessment Tool-UG/MP/ Major Project	100% Students are checked for plagiarism in NTCC report submissions and are allowed to appear for viva-voce upon obtainin	Feedback of Industry	PG/FII G/ Feedback of Industry Internship Guide	The Industry Internship Guide rates the students between 4-5 range on the Likert Scale in the feedback

				g plagiari sm % below 15%			
9	The student shall demonstrate knowledge and understanding of the computer science and engineering principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	Result analysis Term Paper/Practical Training/Industrial Internship /Major Project	UG/MP/ Major Project	100% students will undertake and 90% shall complete the same in first attempt	Student Exit Survey Feedback of Industry	Student Exit Survey UG/FII G/ Feedback of Industry Internship Guide	70% students response range between 4-5 on the Likert Scale in the Student Exit Survey
10	The student shall appreciate the need for, and preparedness to engage in lifelong learning	Comprehensive Exam Business Communication on course result analysis of all semesters, Scoring rubrics, Quiz(rubrics)	Assessment Tool-UG/ Comprehensive Examination UG/CS/ Communication Skills	70% of the students will achieve 6.5 CGPA	Student Exit Survey Alumni Survey	UG/SA/ Student Exit UG/AS/ Alumni Survey	70% students response range between 4-5 on the Likert Scale in the Student Exit and Alumni Survey
11	The student shall understand	Comprehensive Exam	UG/ Comprehensive	70% of the students	Student Exit Survey	UG/SA/ Student Exit	70% students response

	the impact of the professional engineering solutions in environmental contexts, and to demonstrate the knowledge of, and need for sustainable development.		Examination	will achieve 6.5 CGPA	Alumni Survey	UG/AS/ Alumni Survey	range between 4-5 on the Likert Scale in the Student Exit and Alumni Survey
12	The student shall understand the impact of the professional engineering solutions in environmental contexts, and to demonstrate the knowledge of, and need for sustainable development	Comprehensive Exam Term Paper, Seminar, Internship, Dissertation (Rubrics)	UG/ Comprehensive Examination UG/MP/ Major Project	70% of the students will achieve 6.5 CGPA	Student Exit Survey Alumni Survey	UG/SA/ Student Exit UG/AS/ Alumni Survey	70% students response range between 4-5 on the Likert Scale in the Student Exit and Alumni Survey

47. **Highlight the participation of students and faculty in extension activities:**

Response:

Student and Faculty members are involved in community outreach and human value activities such as donation drive, education drive, blood donation camps and many more. The objective of these activities is to lend the helping hands to poor and needy people. To achieve this ASET organizes various activities under Human value quarter that extends from February to April every year. Students are encouraged for social upliftment of people by doing a credit course on community outreach which involves the outdoor activities.

Amity School of Engineering and Technology is involved in extension activities such as organizing Human Value Quarter. Various activities are planned and objective of these activities is to lend the helping hands to poor and needy people. These activities also encourage students to work for society and social upliftment of the people. Other activities involved field visit, competitions like poster making, creative writing, debate etc. Following table gives list of these extension activities.

48. **Give details of “beyond syllabus scholarly activities” of the department:**

Response:

ASET conducts various events under the umbrella of various technical clubs. Faculties have published many technical books with renowned publishers. In the Institution, there are more than 25 research groups which have conducted more than 100 research seminars in their respective research thrust areas. ASET teaching faculties are involved in rigorous research and professional development activities. All the faculty members often attend National and International Technical Conferences, Workshops and Faculty Development Seminars round the globe. They are an avid participant in such technical events and Knowledge gain sessions. The faculty members are associated with various professional bodies as members and reviewers. They have a number of filed and granted patents, published.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:**

Response:

The programme is accredited with The Institution of Engineering and Technology (IET), U.K. The list of programs accredited by IET (U.K) is listed in the following table. We are ISO (2005) certified.

S.No.	Programme/ department	Accredited/ Graded by other agencies
1	B. Tech (MAE)	IET, UK
2	B.Tech (CSE)	IET, UK
3	B.Tech (ECE)	IET, UK
4	B.Tech(IT)	IET, UK
5	M.Tech (CSE)	IET, UK
6	M.Tech (Automobile Engineering)	IET, UK
7	M.Tech (PS)	IET, UK
8	M.Tech (VLSI)	IET, UK
9	M.Tech(ECE)	IET, UK

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

Response:

In ASET, continuous effort is put in to upgrade the knowledge of faculty and students. The faculties are encouraged to write research papers, file patents, and write projects. The faculty of ASET have authored much research paper in Scopus/SCI journal papers and IEEE/Springer conference papers. The faculty has more than 75 patents. Presently, there are 11 projects in the Institute on which faculties are working. The approved projects are “Biometric based unique key generation for authentic digital watermarking” and “Design and Development of Computer Aided Diagnosis of Eye Diseases (Diabetic Retinopathy & Glaucoma) and Watermarking of Medical Images for Tele-Ophthalmology” with DST and “Determination of 3D Coordinates in 2D Frame using Laser by Image Processing Techniques” with DRDO. ASET has around 30 research groups which organize seminars, meetings on monthly basis to enhance the knowledge of students and faculties. Each research group holds regular meetings and hold seminars to discuss current research topics and results. ASET encourages its students and faculty members to communicate their research work in different research forums.

The ASET also offers several attractive international exposures in terms of student exchange program, Industrial Internship, Minor Project and Major Project for UG and PG Programs and more than 200 students were given International exposure. ASET uses Rubric assessment tool to assess and evaluate the student performances. ASET is nurtured by its clubs/committee and research groups. These clubs offer students the chance to gain experience in their interest areas and network with their peers. Industry academia is well supported through various CO and CIO forums and corporate meet. More than 100 distinguished speakers both from Industry and academia (from top International Universities) have been invited for the talk, which also includes ACM Lecture Series from Distinguished Professors. To provide a platform for those students who are interested in research, a credit course called ISR-independent study and research is introduced in which the faculty member guide the student on a particular research topic. Summarizing the activities that will be advantageous for students

- Earn credits for research
- Encourage to write patents and research papers.
- Research driven & involving flexible study plan.
- Becomes eligible for the enrolment of the program MS / PhD abroad.
- Student Exchange Programme
- Excellent opportunities in R&D companies.
- Open Research Programme
- Regular Guest Lecture/ Workshop on Latest Technology
- Student Feedback Analysis

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**

Response:

SWOC analysis is done analysis our strength, weakness, opportunity and challenges. The analysis helps to understand the achievement and need of our organization. The five prime factor in each is case is discussed in detail.

#	Strengths
1	A variety of specialized programs and flexible choice based credit system.
2	Many highly qualified and experienced faculty.
3	International exposure to students through Student Exchange Programme,

	Student abroad programme, dissertation, projects, semester exchange etc.
4	Structured Research organizations in ASET.
5	Distinguished lecture series by world top scientists. More than 100 scientist speakers invited for talk.

#	Weaknesses
1	Difficult to maintain 1:15 Student Faculty Ratio as per UGC Norm also cadre ratio 1:2:6 of professor, associate professor and assistant professor respectively.
2	Less number of funded projects in some areas.
3	Less no. of Professors will encumber recruitment, as well as retaining current staff.
4	Less number of Industry-Oriented Labs
5	Lack of patent commercialization
6	Lack of Centre of Excellence Hi-End Research labs
7	Less number of International students

#	Opportunities
1	Serving the needs of manufacturing Industries by providing suitable skill based Training/Workshop
2	Graduates are well prepared to pursue Higher Education or advance level research in both private and public sector research labs.
3	Increasing relevance of multidisciplinary research portfolio
4	Successful Alumni in various sectors
5	Seeking local and international accreditations is useful opportunities for academic and operational progresses.

#	Challenges
1	Less inclination of students towards PG programmes.
2	Attracting international students to join the ASET
3	Difficulty in recruiting outstanding Professors in some research areas
4	Placement of MAE, CE students in core companies.
5	Establishment of Hi-End Research Lab.
6	Commercializations of patents
7	Creating more young Entrepreneurs

52. Future plans of the department:

Response:

Amity School of Engineering and Technology consists of six departments.

In all the departments, we are constantly striving for excellence and trying to upgrade the programme and faculty skills as well as facilities. In the future we intend to

- 1) Upgrade our labs and introduce Labs with scope of pursuing higher research.
- 2) Upgrade our syllabus further to meet the requirements of industry and higher studies.
- 3) To align our curriculum with skill based courses to polish their technical skills and make them industry ready.
- 4) Encourage faculty to upgrade their qualification or attend short term courses to be informed about the latest scenario.
- 5) To encourage students and faculty to get involved in innovative and scientific work leading to publications and patents.

- 6) More thrust towards Research Efforts.
- 7) More efforts to get Research Funded Projects.
- 8) Recruitment of highly qualified and experienced Faculties.
- 9) More Flexibility in choice based credit system
- 10) Restructuring of UG Programmes to accommodate industry projects for students.
- 11) Increase in the Students Placement Slab.
- 12) Launching new programmes in collaboration with top universities with high job potential.
- 13) 10% of creation of young Entrepreneurs.

Evaluative Report (Amity Institute of Aerospace Engineering)

1. **Name of the Department:** Amity Institute of Aerospace Engineering (AIAE)
2. **Year of establishment:** 2007
3. **Is the Institution / Department is part of a School/Faculty of the university?**

Response:

Yes, The institution is a part of domain of engineering and technology (Faculty of Science, Engineering & Technology) , AUUP

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**

Response

Bachelor of Technology (Aerospace Engineering)

5. **Interdisciplinary programmes and departments involved :** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**

Response: Aerospace Engineering in collaboration with NUAA & BIT China

7. **Details of programmes discontinued, if any, with reasons :** Nil
8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System:**

Response :

- A. Semester system
- B. Choice Based Credit System

9. **Participation of the department in the courses offered by other departments / institutions**

Response:

	Department / Institution Name	Course name
1	Amity School of Engineering & Technology	Non Destructive Testing, Computer Aided Design / Computer Aided Manufacturing, Operations Research etc.
2	Amity Institute of Applied Sciences	Physics, Chemistry and Mathematics
3	Amity Institute of Space Science & Technology	Rocket Propulsion, Basic Aircraft Instruments, High Speed Aerodynamics
4	Amity Institute of Foreign Languages	French, German, Chinese
5	Amity Institute of Corporate Communications	Communication Skills
6	Amity Institute of Psychology & Allied Sciences	Behavioural Science
7	Other institutions of AUUP	Domain elective courses, Open elective courses, Skill Enhancement courses, Outdoor Activity Based courses

10 Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response: Total 12 faculties are in AIAE

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	2	3	3
Associate Professors	4	3*	-
Asst. Professors	10	9+1*	10
Total	16	16	13

* Faculty member on deputation from other institutions of Amity university for teaching applied science, basic science and engineering science courses.

11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response: Faculty profiles are given below in the table

S.No	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
1	Dr. Sanjay Singh	Ph.D	Professor & Director	Modeling and Simulation, Flight Mechanics, Neural Networks, System Identification.	10	2 M.Tech students of the Amity Institute of Space Science & Technology
2	Prof RK Chauhan	M.Tech + Ph.D (pursuing)	Professor	Aircraft structure, Aero-elasticity, Airplane Structural Analysis,	45	-
3	Prof. P Khanna,	M.Tech, MBA	Professor	Helicopter Engineering, Quality control & Quality Assurance, Aircraft Materials and Processes, Mechanics of Fluid,	40	-
4	Dr. Basant Kumar Agarwal	Ph.D	Assistant Professor Grade-III	Thermodynamics, Heat Transfer & Refrigeration, Theory of Vibration, Mechanics of Solid,	15	-
5	Dr KonarK Arora	Ph.D	Assistant Professor Grade-III	CFD (Meshless Methods), Aerodynamics, Airplane Design,	7	-

6	Mr. Jai Kumar Jain	M.Tech	Assistant Professor Grade-III	Aerodynamics, Fluid mechanics, airworthiness Certification,	35	-
7	Gp Capt (Retd) RC Garg	B.Tech, MDMA	Assistant Professor Grade-I	Aerodynamics, Aircraft Materials, Aircraft Maintenance,	42	-
8	Md Saquib Reza	M.Tech + Ph.D (pursuing)	Assistant Professor Grade-I	Propulsion, CFD, Turbo machinery, Thermodynamics, Heat Transfer	5	-
9	Mr. Vivek Kumar	M.Tech + Ph.D (pursuing)	Assistant Professor Grade-I	Automatic Control System, Automatic flight control, Simulation and Programming in MATLAB, Electrical and Electronics Engineering	7	-
10	Ms. Priyanka Goyal	M.Tech + Ph.D (pursuing)	Assistant Professor Grade-I	Aerodynamics, IC Engine, Alternative fuels, Heat Transfer,	6	-
11	Mr Jayanta Sinha	M.Tech + Ph.D (pursuing)	Assistant Professor Grade-I	Aerodynamics Fluid Dynamics, Supersonic Cavity Flow Analysis, CFD, Finite Element Analysis	4	-
12	Ms Ankur Vats	M.E	Assistant Professor Grade-I	Rocket Propulsion, Combustion and Flames, Space Engineering & Flight, Aerodynamics,	2	-
13	Dr Rashmi Singh	Ph.D	Assistant Professor Grade-III	Mathematics (Fuzzy Logic & analysis)	6	3

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response:

List of senior Visiting Fellows are as follows

- Dr Om Prakash, Associate professor & Head, Department of Aerospace Engg, UPESs, Dehradun
- Lt. Col. Alok Kinra (Retd.), GM Maintenance & Flight Safety, Forum Aviation Ltd., New Delhi
- Prof Raj Kumar Pant, IIT Bombay
- Prof UC Jindal, Delhi College of Engineering
- Dr Nitin Kumar, Associate Professor, University of Modern Sciences, Dubai, UAE
- Mr. Yogesh Kumar, Ex-HAL, Chief Design Engineer
- Dr. Ajay Mishra, HOI DIAT, Pune
- Mr. Dilip A. Shah, Hindustan University
- Mr. Arun Chopra, Ex-Joint DG, DGCA
- Mr. Kanchan Biswas, Ex-Sc-G, Cemilac DRDO

13 Percentage of classes taken by temporary faculty – programme-wise information:

Response:

This institute is running B.Tech (Aerospace Engineering) programme only. All the courses taught by institute faculty members. However, for value addition, experts from industry/academia are called for taking few classes of the subjects.

14 Programme-wise Student Teacher Ratio

Response: Student Teacher Ratio are as follow:

#	Programme Name	Student Teacher Ratio
1	Bachelor of Technology (Aerospace Engineering)	12:1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response: Details of academic and administrative support staff are given in the table below:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	2	2	2
academic support staff (technical)	3	3	3
administrative staff	3	3	3

16 Research thrust areas as recognized by major funding agencies:

Response:

Thrust areas of the institutes are Computational Fluid Dynamics, Flight Mechanics, Aerodynamics and Propulsion.

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: NIL

18 Inter-institutional collaborative projects and associated grants received: NIL

19 Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

Response :

Institute has submitted research project to the funding agency. The details are given below:

Project Title : Automatic Point Generation for Inviscid 2D and 3D Meshless Solvers

Scheme : Extra Mural Research Funding (Individual Centric)

Total Cost (in Rs.) : 24,50,000

20 Research facility / centre with :

Response: Institute has following research lab:

- i) Computational Fluid Dynamics Lab
- ii) Finite Element Method Lab
- iii) Modelling and simulation lab

21 Special research laboratories sponsored by / created by industry or corporate bodies :

Response :

Following research laboratories is created by Tata Technologies

- i) Innovation competency centre which is equipped with advance softwares and machine tools with 3-D scanner.
- ii) Technology competence centre and visualization learning competence centre which is equipped with actual engines and systems.

22 PUBLICATIONS IN JOURNAL

Response: The paper published by the faculty members are as follows

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	19
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	22
Citation Index – range / average	0-2.5
Impact Factor – range / average	0 – 2.5
h-index	3

23 **Details of patents and income generated :** NIL

24 **Areas of consultancy and income generated :**

Response:

Area of consultancy of the institute are Computational Fluid Dynamics and Finite Element Method and Flight Mechanics

25 **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Response: Details of faculty visited is given below

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1	Prof Praveen Khanna	Professor	PEC Tech Univ, Chandigarh	National
2			Chandigarh University, Mohali	
3			Aeronautical Society, SASE (DRDO), Chandigarh	
4			National Aerospace Laboratory, Bangalore	
5	Dr Sanjay Singh	Professor	NITTTR, Chandigarh	National

26 **Faculty serving in**

Response: Faculty serving in the following committees are as follows

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
A	National committees	Prof Praveen Khanna	Professor	Board of Studies, Chandigarh Univ, Mohali	Annual Nomination (Continuing since 2014)
B	Editorial Boards			CEIS (N), Noida, Environmental Society,	Annual Nomination (Continuing since 2010)
C	International committees			UAV DGCA Regulations Formulations Committee	As applicable

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response: Faculty recharging strategies are as follows

#		Organised	Attended
A	Refresher	-	1
B	Orientation programs	-	6
C	Workshops	1	29
D	Guest Lectures	9	33
E	Training programs	-	7
F	Conference	1	8
E	Similar programs (please specify):		
	FDP	1	14
	Seminar	3	6

28 Student projects :

- Percentage of students who have done in-house projects including inter departmental project
- Percentage of students doing projects in collaboration with other Universities industry/ Institute

Response:

For the student of batch 2011-15

S.No	Students Projects	Percentage of students
1	Percentage of students who have done in-house projects including inter departmental project Type of Field Centric studies	
	a. In house/interdepartmental practical training	15.68
	b. Summer training/internship	8.33
	c. Minor project	100
	d. Major project	100
S.No	Students Projects	Percentage of students
2	Percentage of students doing projects in collaboration with other Universities industry/ Institute Collaboration with:	
	a. industry	
	In house/interdepartmental practical training (Summer training/internship)	84.31 91.66

For the student of batch 2012-16

S.No.	Students Projects	Percentage of students
1	Percentage of students who have done in-house projects including inter departmental project Type of Field Centric studies	
	In house/interdepartmental practical training	12.19
	b. Summer training/internship	12.82
	c. Minor project	100
	d. Major project	100

S.No.	Students Projects	Percentage of students
2	Percentage of students doing projects in collaboration with other Universities industry/ Institute Collaboration with:	
	a. industry In house/interdepartmental practical training (Summer training/internship)	87.8 87.17

For the student of batch 2013-17

S.No.	Students Projects	Percentage of students
1	Percentage of students who have done in-house projects including inter departmental project Type of Field Centric studies	
	a. In house/interdepartmental practical training	0
	b. Summer training/internship	22.85
	c. Minor project	100
	d. Major project	100
S.No.	Students Projects	Percentage of students
2	Percentage of students doing projects in collaboration with other Universities industry/ Institute Collaboration with:	
	a. industry In house/interdepartmental practical training (Summer training/internship)	100 77.14

29 Awards / recognitions received at the national and international level:

Response

Following awards are received by the students of institute at national level

S.No	STUDENT'S NAME	EVENT	Organised by/ VENUE
1	Mr Aaradhya Kaul	Participated in Guru Nanak University Cultural Meet for Men in Solo Dance Category and got first position.	Guru Nanak Dev University, Amritsar
2	Mr Gaurav Lokhande, Ms Akanksha, Mr Vibhor, Mr Aaradhya Talwar, Mr Ritesh Jain and Mr Sonu Pal	Participated in TASSAVUR'14 Art and Photocopy Competition organized by University of Delhi. Gaurav and Vibhor won 1st and 3rd prize in "On the spot Photography"	Maharaja Agrasen College, Vasundhara Delhi
3	Mr Gaurav Lokhande	Participated in the event Kapture-2014 of the National Science Fest 2014 and secured the 2nd position	St Stephen's College, Delhi

4	Archana Trivedi and Chanda Sushmita IV Semester students,	won 3 rd rank (Zonal Level) and Merit Certificate in All India Essay Competition.	Shri Ram Chandra Mission, New Delha
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30 Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response: Details are given below in the table

S. No	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding	Outstanding Participants
1	Two-days workshop on Skill Development in the field of Computer Aided Engineering with Innovent Engineering Solution,	Workshop	Amity University	AUUP	The workshop was organised by the institute for the students and faculty members of amity institutions.
2	Modern research in aerospace engineering-2016	International conference	Amity University	Funding was received through registration of delegates and from DRDO, Tata Technologies, and AUUP	Dr Om Prakash, Associate professor & Head, Department of Aerospace Engg, UPESs, Dehradun Mr. Yogesh Kumar, Ex-HAL, Chief Design Engineer Dr. Ajay Mishra, HOI DIAT, Pune Mr. Dilip A. Shah, Hindustan University Mr. Arun Chopra, Ex-Joint DG, DGCA Mr. Kanchan Biswas, Ex-Sc-G, Cemilac DRDO
3	NASA SPACE WARD BOUND INDIA-2016	INTERNATIONAL SEMINAR	Amity University	BSIP, Lucknow, MSA, Australia, TATA MOTORS and AUUP	Dr. Jonathan Clarke President MSA Australia, Prof. Sunil Bajpai, Director BSIP and 29 other foreign delegates

31 Code of ethics for research followed by the department

Response:

Due to the advent of electronic resources in general and web resources in particular, a substantial increase in the number of plagiarism cases is being felt in the education system. Worldwide higher education institutions are facing this grave practice of academic misconduct as many times the students do not realize the serious consequences of this. The detection and prevention of plagiarism is making the assessment very difficult as many times students submit the works of other and pass it off as their own.

The primary purpose of this policy is to create an outline for deterring, detecting and dealing with plagiarism constantly across all institutions and departments of AUUP. To ensure highest standards of academic integrity and to discourage the students to obtain unfair academic advantage Plagiarism Prevention Policy is set out to provide information to faculty and students to detect plagiarism electronically and to prevent the occurrence of it.

Following guidelines are followed for research (available on University website)

3. G-53 University Research Policy Guidelines
4. G-58 Policy Guidelines for Publication and Presentation of Research at Symposia/ Meetings/ Conferences
5. G-61 policy guidelines for Plagiarism prevention

32 Student profile programme-wise:

Response: programme-wise student details are as follows

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
Bachelor of Technology (Aerospace Engineering-AE) 2012-16	270	30	12	100	100
Bachelor of Technology (AE) 2011-15	329	33	18	91	100
Bachelor of Technology (AE) 2010-14	344	26	11	100	100
Bachelor of Technology (AE) 2009-13	348	28	13	100	100

33 Diversity of students: N/A for UG Programme

- 34 How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response: details of students cleared the competitive examinations are given below

Cleared Examinations	Number of students
Civil Services	1
Defence Services	13
GATE	15

- 35 Student progression :

Response: Student progression are given below:

Student progression	Percentage against enrolled			
	2013	2014	2015	2016
UG to PG	29.26	21.62	13.72	2.27
Employed				
• Campus Selection	12.19	35.13	29.41	38.07
• Other than campus recruitment	43.97	29.75	5.90	2.38
Entrepreneurs	2.43	2.70	3.92	2.43

- 36 Diversity of staff

Response: Diversity of the staff are as follows

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
of the same university	10	11.1	9.09	9.09	8.3
from other universities within the State	30	33.3	27.2	27.2	25
from universities from other States from	60	55.5	63.3	63.3	66.6
universities outside the country	0	0	0	0	0

- 37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

Mr. Basant Kumar Agrawal completed his Phd and Ms. Priyanka Goyal completed her M.Tech. as per the given details:

S.No.	Name	Degree awarded and year	Institute
1	Basant Kumar Agrawal	Ph.D., 2014	JMI, NEW DELHI
2	Ms. Priyanka Goyal	M.Tech, 2015	AUUP, NOIDA

38 Present details of departmental infrastructural facilities with regard to

Response: Details of departmental infrastructural facilities are as follows

Library	Central Library
Internet facilities	WiFi and LAN for staff and students
Total number of class rooms	5
Class rooms with ICT facility	Nil
Students' laboratories	Aerodynamics, Aircraft Propulsion and Aircraft Structures, MATLAB Applied Science Labs Mechanical Engineering labs Computer Science labs
Research laboratories	Computational Fluid Dynamics and Finite Element Method and Modelling and Simulation lab

39 List of doctoral, post-doctoral students and Research Associates

Response: Institute is offering only UG Programme

40 Number of post graduate students getting financial assistance from the university : NA

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response: No new programme has been started in last 4 years.

42 Does the department obtain feedback from

Response: Feedbacks from the various stakeholder are given below:

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	<p>Yes, institute elicits feedback on the curriculum as well as on teaching learning evaluation from the faculty members. Curriculum review is a faculty driven process occurs through collaboration between faculty members of all the campuses under AUUP as they are the subject expert who are instructional designer and responsible to keep the course content correct through revision.</p> <p>The feedback received from the faculty members is compiled and the observations are taken into consideration by Course Review Committee (CRC) and subsequently put before the Area Advisory Board (AAB). Recommendations of AAB are put up to the Board of Studies. The recommendations of BOS along with programme structure and course curriculum are further put up for the final approval of Academic Council.</p> <p>Teaching-learning-evaluation of the students is based on their performance in continuous assessment through assignments/class tests/quiz/attendance / projects etc and subsequently parents are informed about their wards.</p>
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<p>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</p>	<p>Yes, Institute has a formal mechanism to obtain feedback from students regarding the staff, curriculum and teaching learning-evaluation as under:</p> <ol style="list-style-type: none"> 1. Online feedback 2. Feedback through Class representative during monthly meetings 3. Feedback through mentor-mentee system 4. Students exit survey at the end of the programme <p>1. Online feedback Students give online feedback of individual faculty members on their course delivery and teaching skills in a prescribed format twice a semester in order to improve course delivery effectiveness as under:</p> <ol style="list-style-type: none"> a. Post commencement Feedback – This feedback is regarding effectiveness of course delivery by the faculty and is taken after 3-4 weeks of commencement of a course / semester. <ol style="list-style-type: none"> i. Course faculty analyses the feedback and takes the corrective actions in the pedagogy and improves the course delivery style for effective student learning. ii. Head of Institution (HoI) also examines the feedback and discusses with the concern faculty members and the action taken by the faculty for improving the course delivery style based on student feedback. b. Pre-examination Feedback - This feedback is also regarding the effectiveness of course delivery and is taken prior to the commencement to end-term examinations. This feedback is used for following purposes: <ol style="list-style-type: none"> i. Assessing the course delivery effectiveness. ii. Areas of strength of faculty iii. Areas of weaknesses, which needs developmental programmes / training. iv. Pedagogical Review v. Curriculum Review <p>In both the cases, faculty makes their own development plans as well as provides the inputs to Course Review Committee (CRC) for necessary changes in course curriculum, assessment tools, and pedagogy; if any.</p> <p>2. Feedback from Class representatives – The class representatives give the feedback on course coverage and course delivery on monthly basis. This feedback is analysed by the programme leader and course faculty and necessary action is taken for improvement, if any.</p> <p>3. Feedback through mentor-mentee system – Monthly meetings of student mentees are held with their faculty</p>
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	<p>mentors for various aspects including academic matters. The faculty mentors analyse the feedback given by the mentees and take necessary action to ensure corrective measures are taken within a week for create better academic learning environment.</p> <p>4. Student Exit Survey - Students fill online exit survey form at the end of the programme. The exit survey forms take opinion on learning outcomes at the course level (SLOs) and programme level (PLOs) as well as programme objectives (PEOs). The feedbacks are analyzed and suggestions are considered for revision in the course content. The Course Review Committee (CRC) and Area Advisory Board (AAB) deliberate on the suggestions. The course revised through Area Advisory Board is then presented before the steering committee for approval.</p>
Alumni and employers on the programmes offered and how does the department utilize the feedback?	<p>The feedbacks of employers are utilized for the course development and syllabus review for the programs offered. Alumni fill online exit survey form at the end of the programme. The exit survey forms take opinion on learning outcomes at the course level (SLOs) and programme level (PLOs) as well as programme objectives (PEOs). The feedbacks are analyzed and suggestions are considered for revision in the course content. The Course Review Committee (CRC) and Area Advisory Board (AAB) deliberate on the suggestions. The course revised through Area Advisory Board is then presented before the steering committee for approval.</p>

43 List the distinguished alumni of the department (maximum 10)

Response: Following distinguished alumni of the institute are given below:

#	Alumni Name	Programme Name	Associated with (Organisation Name)	Designation
1.	PALLAV KANT	Bachelor of Technology (AE)	University of Manchester Airbus Engg. centre India Pvt. Ltd. (Past)	Engineer
2.	PRIYADARSHINI MURTHY	Bachelor of Technology (AE)	Rolls Royce	Engineer
3.	SIDDHARTH PANDEY	Bachelor of Technology (AE)	Blue Marble Space Institute of Science, Australia NASA Ames Research Center (Past)	Researcher Researcher
4.	ABHAY KHANDURI	Bachelor of Technology (AE)	Indian Army	Lieutenant

5.	ABHINAV KUMAR ACHARYA	Bachelor of Technology (AE)	Indian Airforce, Hyderabad	Flying Officer
6.	ANKUR GOSWAMI	Bachelor of Technology (AE)	Volvo Eicher Commercial Vehicles	Chief Project Manager
7.	PARIBHASHA SAHA	Bachelor of Technology (AE)	Indian Air Force	Flying Officer
8.	VIKRANT SHARMA	Bachelor of Technology (AE)	BrahMos Aerospace Pvt. Ltd.	Senior Systems Engineer
9.	PARVEEN KASWAN	Bachelor of Technology (AE)	Government of India	IFS Officer
10.	VIPUL AGGARWAL	Bachelor of Technology (AE)	Entrepreneur	CEO
11.	RAGINI MUKHERJEE	Bachelor of Technology (AE)	BrahMos Aerospace Pvt. Ltd.	Senior Systems Engineer

44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

Institute organises guest lecture/workshop/ seminar for the holistic development of the students and the details are listed below:

S. No	Nature of Event (Conference/ Seminar/ Workshop/Lect ures)	Theme / Topic	Date	Speakers
1	Workshop	Quardcopter Workshop	11-12 Jan, 2016	Mr Mohit Gupta (CTO,Aerobotics Lab) and Mr Naveen Jangra (Product Development Head, Aerobotics Lab)
2	Guest lecture	Application of Control Systems in Aerospace Engineering	11-Mar-16	Dr Deepak Kuamr, Assistant Professor MNNIT, Allahabad
3	Seminar	AIAE & NASA Spaceward Bound India Group at Amity University Uttar Pradesh	21-08-2016	Prof. Jayant Vishnu Naralikar, IUCAA, Pune Prof. Sunil Bajpai, Director, BSIP, Lucknow Prof. J. N. Goswami, Honorary Faculty, PRL, Ahemdabad Prof. L. S. Shashidhara, IISER, Pune Dr. Jonathan Clarke, President, MSA, Australia

				Dr. Mukund Sharma, BSIP, Lucknow
4	Conference	International Conference on "Modern Research in Aerospace Engineering (MRAE 2016)	22-23 Sept, 2016	<p>Mr. Kanchan Biswas, Consultant CSIR-NAL, Bangalore</p> <p>Mr. Arun Chopra, Retd. Joint Director General of Civil Aviation</p> <p>Wg. Commander Dr. Anil Kumar, Director, Amity School of Engineering and Technology, AUUP, Lucknow Campus</p> <p>Dr Om Prakash, Head Department of Aerospace Engineering, UPES, Dehradun</p>
5	Guest lectures	Value Added - Guest lectures on Aircraft Structure - I	19 Mar, 2015	Prof UC Jindal
6	Guest lectures	Lecture on Parafoil Dynamics by	06 April, 2015	Dr Om Prakash, Associate professor & Head, Department of Aerospace Engg, UPESs, Dehradun
7	Workshop	Two-days workshop on Skill Development in the field of Computer Aided Engineering with Innovent Engineering Solution, Bangalore	05-06 Oct, 2015	Sh. Ganesha HN, Chief Technology Officer & Sh. Avinash S, Director Innovent Engg , Bangalore
8	FDP	FDP on Six Sigma and its Applications in Aerospace Industry in the field of Quality Control and Assurance	12 Oct, 2015	Mr. Rajiv Purkayastha Principal consultant Breakthrough consultancy Services, Mr. Arun Chopra Jt Director General DGCA
9	Guest lecture	Weighted Least Squares Kinetic Upwind Meshfree method using Eigendirections (WLSKUM-ED)	20 Oct, 2015	Dr Konark Arora, Scientist 'D' in Computational Fluid Dynamics (CFD) Division, Directorate of Computational Dynamics (DOCD), DRDL, Hyderabad

45 List the teaching methods adopted by the faculty for different programmes:

Response: Following teaching methods are adopted by the faculty members:

- Power point presentations
- Group Discussion
- Case Study
- Tutorials
- Lectures (Chalk and Talk)
- Experimental learning
- Research based learning
- Community service learning
- Lab based learning
- Flipped classroom system
- Learning management system

Institute has introduced Flipped classroom system and Learning Management System where part of courses is offered and assessed online. The flipped classroom is a pedagogical model in which the lecture and homework elements of a course get reversed. The students gain first exposure to new material outside the classroom via lecture videos, reading material etc. The class time is used to do the harder work of assimilating that knowledge through problem-solving, discussion, Quiz or debates etc. Content delivery is moved outside of the classroom and class time is utilized for in-class activities that focus on higher level cognitive activities.

Learning Management System (LMS) is used for the flipped class system and online course delivery for select modules

- i. The Chief Course Coordinator along with the course faculty identify the pedagogy for all the modules
- ii. They may offer all the modules or only few modules or some content of module through blended mode of learning
- iii. The selection of content completely depends on the nature of course. The rationale behind content selection is the credit units for self work and the L-T-P- SW structure
- iv. The Master Session Plan for each course is developed in consultation with the faculty members of the respective course and uploaded on Amizone by the respective course coordinator
- v. All the course faculty copy the session plan in order to ensure standardisation in the mode of teaching, learning and assessment
- vi. The class activities based on self learning are appropriately designed to engage students and facilitate application based learning.

Continuous assessment of student learning and performance feedback is given at the end of each session.

46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response:

Institute ensures that B.Tech (Aerospace Engineering) programme objectives are constantly met and monitor learning outcomes as under:

- (i) Programme Educational Objectives (PEOs) are mapped with Programme Learning Outcomes (PLOs)
- (ii) Programme operational objectives / goals are mapped with Programme Operational Outcomes (POOs).
- (iii) Direct and Indirect assessment tools are developed.
- (iv) Performance objectives (Target/criteria) are set for each assessment tools.
- (v) Result analysis of the following direct assessment tools for the assessment of PLOs is done to meet performance target/criteria
 - Comprehensive exam
 - NTCC Courses
 - Value addition courses
 - Plagiarism reports of NTCC courses

VI. Result analysis of the following indirect assessment tools for the assessment of PLOs is done:-

- Student exist survey
- Feedback form industry internship/ guide/ external examiners

VII. Analysis of the following assessment tools for the assessment of POOs:

- Student feedback
- Faculty qualification
- Graduation rate
- Co-curricular and extracurricular activities
- Publications and professional memberships
- Attrition rate
- Value addition courses
- Community and social services
- Accreditation
- Seminar / workshop / Guest Lecture / Conference
- Employability
- Investment of all stake holders

If gaps are identified then necessary actions are taken for the improvement or to meet the target.

All the above tasks are completed by outcome assessment committee under the chairman ship of the Head of the Institute.

47 Highlight the participation of students and faculty in extension activities.
Human Value quarter

Response: Participation of faculty members in extension activities:

#	Name of Faculty member	Design.	Details of Extension Activity done by faculty member			Role of Faculty member
			Date of Project / Activity	Location	Total number of hours volunteered	
1	RK Chauhan	Professor	Visit to an orphanage and Donation	Sai Kripa Orphanage, Sec 12, Noida	3 hours	Faculty Coordinator
2	Priyanka Goyal	AP-I	Visit to an orphanage and Donation	Sai Kripa Orphanage, Sec 12, Noida	3 hours	Faculty Member
3	Ankur Vats	AP-I	Visit to an orphanage and Donation	Sai Kripa Orphanage, Sec 12, Noida	3 hours	Faculty Member

Participation of students in extension activities:

A number of students regularly visit to orphanage (Sai Kripa Orphanage, Sector – 12, Noida) for extension services.

48 Give details of “beyond syllabus scholarly activities” of the department.

Response: Scholarly nad Professional Activities are given below:

Faculty Name	Scholarly And Professional Activities, Past Four Years			
	Scholarship Of:			Professional Activities
	Teaching	Discovery	Integration	
Dr Sanjay Singh	Published Articles, Presentations at Conferences/Workshops, New Courses/Curricula,	Published Articles/Manuscripts/Books, Paper Presented, Session Chair, Dissertation/Thesis	Published Articles, Presentations at Conferences/Workshops, Conference/Workshop Attendance	Routine Consulting, Conference/Workshop Attendance, Professional Membership

	Conference Attended BoS & AAB		Presentations at Conferences/Works hops, Program Evaluation	
Prof J K Jain	Workshop Attended	-	Workshop Attended -	Workshop Attended, Professional Membership
Gp Capt P Khanna	Conference/Worksho p Attendance	-	Conference/Worksh op Attendance -	Conference/Works hop Attendance , Professional Membership
Ms Priyank a Goyal	Conference/Worksho p Attendance Presentation at Conference	Paper Presented	Presentation at Conference Conference/Worksh op Attendance	Conference/Works hop Attendance
Mr Saquib Reza	Conference/Worksho p Attendance Presentation at Conference	Paper Presented	Presentation at Conference Conference/Worksh op Attendance	Conference/Works hop Attendance
Mr Jayanta Sinha	Conference/Worksho p Attendance Presentation at Conference	Paper Presented	Presentation at Conference Conference/Worksh op Attendance	Conference/Works hop Attendance
Vivek Kumar	Conference/Worksho p Attendance Presentation at Conference	Paper Presented	Presentation at Conference Conference/Worksh op Attendance	Conference/Works hop Attendance
Prof R K Chauha n	Workshop Attended: 2 Conference Attended : 2 BoS & AAB Member: Course/Programme Review	Session Chair : 1	Workshop Attended: 2 Conference Attended : 2 BoS & AAB Member: Course/Programme Review	Workshop Attended: 2 Conference Attended : 2 BoS & AAB Member: Course/Programm e Review, Professional Membership
Gp Capt R C Garg	Workshop Attended: 2 Conference Attended : 1		Workshop Attended: 2 Conference Attended : 1	Workshop Attended: 2 Conference Attended : 1 , Professional Membership
Dr B K Agarwa l	Conference/Worksho p Attendance Presentation at	Paper Presented Published	Conference/Worksh op Attendance Presentation at	Conference/Works hop Attendance Presentation at

	Conference ,Member of CRC	Manuscripts	Conference ,Memb er of CRC Published Manuscripts	Conference ,Memb er of CRC, Professional Membership
Ankur Vats	Workshop Attended: 2 Conference Attended : 1		Conference Attended: 1 Workshop Attended: 2	Workshop Attended: 2 Conference Attended : 1

49 **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response: B.TECH (Aerospace Engineering) is accredited by IET U.K.
Institute is ISO certified since 2005.

50 **Briefly highlight the contributions of the department in generating new knowledge, basic or applied**
Response:

- Institute has introduced Humanities, Social and Basic Science Courses like Economic for Engineers, Sociology for Engineers and Biology for Engineers in the programme structure of Bachelor of Technology (Aerospace Engineering).
- Institute has introduced designed based experiments in the lab courses to develop design and technical skills for the design and integration of the system.
- Institute has introduced applied courses like Computational Fluid Dynamics for analysis of aerodynamic characteristics of Airplane and Finite Element Method for structural analysis.

51 **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response: SWOC of AIAE are as follows:

#	Strengths
1	Advanced software equipped labs, to ensure industry ready students.
2	Experienced and qualified faculty members
3	Well developed syllabus as per the requirement of industry.
4	Work culture and environment for staff, faculty and students is of high standard, enabling smooth functioning of all the processes in department.
5	Choice based credit System

#	Weaknesses
1	Industry exposure to the students can be improved further by interaction with the alumni and industry experts.
2	Since the field is highly specialized, number of students is limited due to lack of its awareness in public.
3	Quality of research publications can be improved
4	Internationalization funded project and consultancy need to be improved.
5	Interaction of faculties with the Industry experts can be enhanced further.

#	Opportunities
1	Scope of Higher education i.e. PG and Doctoral courses.
2	To increased research/consultancy/patents etc.
3	Opportunity to avail funds/grants for research.
4	More advanced Laboratories for PG and Doctoral research.
5	More privatization of this field in India, leading to increased career opportunities.

#	Challenges
1	Maintain the gender ratio, i.e. to increase the number of female candidate intake.
2	Placement by core companies.
3	To increase awareness regarding the programme, ensuring more number of students.
4	Research Infrastructure to be strengthened.
5	Non availability of eminent persons for Seminar/conference etc from nearby organizations, since most departments of Aerospace field are located in Southern part of India.

52 Future plans of the department.

Response: Future plans of AIAE are as follows

- To start PhD programme in Aerospace Engineering with specialization in Aircraft Propulsion and Aircraft Structure.
- To start certificate and skill development courses
- To start summer internship of four weeks.
- To organize international conference once in two year.
- To develop state of art laboratories for the research.
- Recruitment of faculty having PhD degree in Aerospace Engineering with specialization in Aircraft Propulsion and Aircraft Structure.
- To submit research projects to funding agencies for financial support.

Evaluative Report (Amity Institute of Information Technology)

1. **Name of the Department :** Amity Institute of Information Technology (AIIT)
2. **Year of establishment:** 2000 (Integrated with AUUP in 2005)
3. **Is the Institution / Department is part of a School/Faculty of the university? :**

Response :

Yes, the Institute is part of Domain of Engineering and Technology (Faculty of Science, Engineering and Technology) AUUP

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

Response :

The institute offers following courses:

UG Programmes:

1. Bachelor of Computer Applications
2. Bachelor of Computer Science (Information Technology)
3. Bachelor of Computer Applications (Evening)

Dual Programme:

4. Bachelor of Computer Applications + Master of Computer Applications (Dual)

PG Programmes:

5. Master of Computer Applications
6. Masters of Computer Science (Networking and Management)

Doctoral Programme:

7. Doctor of Philosophy (Information Technology) Full Time
8. Doctor of Philosophy (Information Technology) Part Time

5. **Interdisciplinary programmes and departments involved:** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc:**

Response:

Following are the courses in collaboration with other universities, industries.

- Study Abroad Programmes(Dubai, Singapore, Australia)
- CISCO
- Intersystems(Cache)

7. **Details of programmes discontinued, if any, with reasons :** Nil
8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System:**

Response: Following are the examination systems followed in the institute:

- Semester
- Choice Based Credit System

9. **Participation of the department in the courses offered by other departments / institutions:**

Response:

Faculty of AIIT takes teaching assignments in other institutes of Amity University, for five courses. AIIT offers Open Electives (OE) and Domain Electives (DE) to the students from other domains. There are 62 elective subjects which are offered by AIIT. AIIT students also take Open Electives (OE) and Domain Electives (DE) and VAC courses also offered by other institutes within Amity University. There are 29 elective subjects offered by other institutes.

#	Course Type	Course Title	Institution Offering
1	Open Elective	Fundamental of Entrepreneurship	ABS
2	Open Elective	Risk Management - BSI	AUBSI
3	Open Elective	Preparing for Placement (Transition From Campus to Corporate)	AIESR
4	Open Elective	Military Training Camp(PG)	ASPESS
5	Open Elective	Resilience Building for Success	AIPS
6	Open Elective	ENTR606 - Entrepreneurship Awareness Camp	ABS
7	Open Elective	Community Outreach	Amity Institute of Social Science
8	Open Elective	Quantitative Aptitude	AIAS
9	Open Elective	Life Drawing	Amity School of Fine Arts
10	Open Elective	Nuclear Security and Security Culture	Amity Institute of Nano Technology
11	Open Elective	Basic Skills of Athletics	ASPESS
12	Open Elective	Basic Skills of Badminton	ASPESS
13	Open Elective	Basic Skills of Cricket	ASPESS
14	Open Elective	Basic Skills of Football	ASPESS
15	Open Elective	Human Values and Community	AISS
16	Open Elective	Basic Skills of Hockey	ASPESS
17	Open Elective	Basic Skills of Tennis	ASPESS
18	Open Elective	Basic Skills of Yoga	ASPESS
19	Open Elective	Basic Skills of Volleyball	ASPESS
20	Open Elective	Art of Interiors	Amity School of Architecture And Planning
21	Open Elective	Food Beverages	AIFT
22	Open Elective	Basic Biotechnology	Amity Institute of Biotechnology
23	Open Elective	Chess Basics	ASPESS
24	Open Elective	Fashion Sketching	ASFT
25	Open Elective	Animation Drawing	AIFT
26	Open Elective	Food Plant And Sanitation	AIFT
27	Open Elective	Six Sigma Green Belt	AUBSI

28	Open Elective	Skills for Success	AICISM
29	Domain Elective	Introduction to Cloud Computing	ASET

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others):**

Response: Institute has qualified faculties at various levels. Current status of the faculties including visiting faculties is as under:

Designation	Sanctioned	Filled (Last 4 Years)	Actual including CAS & MPS
Professor	04	00	01
Associate Professors	08	01	05
Asst. Professors	30	10	30
Others(Shared)			
Lecturer	1	1	1
EVS	4	4	4
FBL	6	6	6
BS	1	1	1
FM	1	1	1
Psychology at Workplace	1	1	1
Sociology	1	1	1
Accounting Fundamentals	1	1	1

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Response:

Institute has qualified faculties at various levels. Most of the faculties have an experience of more than ten years. Faculties who are not yet Ph.D. have registered for Ph.D. program.

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years	
					Awarded	Guiding
Dr. Sunil Kr. Khatri	Ph.D. (CS), MCA	Professor & Director	Software Reliability, Pattern Recognition, Data Mining	17+ Yrs	-	8
Dr. Alpana Kakkar	Ph.D (CSE), M.Phil (CS), MSc (IT), MBA (HR), B.E. (CS)	Associate Professor	MIS & UNIX	23 Yrs 11 months	-	-
Dr. Tanya Singh	Ph.D. (IT&Engg) M.Tech (IT), B.E.(Electronics),	Associate Professor	Wireless Communication, Network Security, Network Planning & Mgmt., Information Security Management	15 Yrs 05 months	-	-
Dr. Laxmi Ahuja	Ph.D (CSE), MCA, M.Phil (CSE)	Associate Professor	Search Engine	15 Yrs. 01 month	-	8
Dr. Deepak Kumar	Ph. D (OR), MCA , MSc (OR)	Associate Professor	Software Engineering, Cloud Computing, Digital Image Processing.	15 yrs. 02 months	-	8
Dr. Subhranil Som	Ph.D (CSE), MCA	Associate Professor	Core Java, Comp. Programing, Cryptography and Network Security	15 Yrs. 09 months	-	10
Mr. S. K.	M.Phil (CS)	Assistant	Software	18 yrs 03	NA	NA

Jha	MCA, PhD(Pursuing)	Professor (Grade III)	Engineering, Quality Assessment for Component based Software Engineering, Database Concept	months		
Ms. Sonia Saini	M.Phil (CS), MTech (IT), B.Tech (CSE), pursuing Ph.D	Assistant Professor (Grade III)	Software Engineering Programming languages and data structure	14 yrs. 08 months	NA	NA
Ms. Rajbala Simon	MCA, BSc (PCM)	Assistant Professor (Grade III)	Software Engg., Data Structure, Programming Language, System Analysis & Design	15 yrs. 06 months	NA	NA
Dr. Renuka Mahajan	Ph.D. (CSE), MCA	Assistant Professor (Grade III)	Data Mining & C++ , JAVA,Softw are Engg	16 yrs. 05 months	-	-
Dr. Sarika Jain	Ph.D (Fractal Theory) MSc (Maths) MSc (CS)	Assistant Professor (Grade III)	Image Processing	12 yrs 11 months	-	8
Dr. Bhawna Minocha	Ph.D (CSE) MCA,	Assistant Professor. (Grade III)	Java, C++, Genetic Algorithms	15 yrs. 08 month	-	7
Dr. Naresh Kumar	Ph.D.(CE),MT ech (CSE), MSc (CS &S/w),	Assistant Professor (Grade III)	Web Technologies , Computer Networks	11 yrs. 05 months	-	-
Dr. Himanshu Gupta	BSc (Hons), PDCA, MCA, CCNA, Ph.D (CS)	Assistant Professor (Grade III)	Network Security & Cryptograph y	11 yrs. 04 months	-	2
Ms. Rachna Jain	M.Phil (CS) M.Tech (CS), MCA, Pursuing Ph.D (CSE)	Assistant Professor (Grade III)	Programming Languages, OS, Graph Theory	18 yrs. 06 months	NA	NA
Ms. Sapna Sinha	M.Phil (CS) MCA	Assistant Professor	Big Data	18 yrs. 05 months	NA	NA

		(Grade III)				
Dr. Nitin Pandey	Ph.D (CSE) MCA, MSc (Math),	Assistant Professor (Grade III)	Computer Network & Communication, Network Security	11 yrs. 11 months	-	8
Dr. Mayank Sharma	Ph.D (Comp. Appl.) MCA, B.Sc.,	Assistant Professor (Grade III)	Data Warehouse, Data Mining, Neural Networks, Information Theory	12 Yrs 09 months	-	1
Dr. Neetu Mittal	Ph.D, MCA, B.Sc	Assistant Professor (Grade III)	Image Processing	9.11 Yrs	-	-
Ms. Kanchan Hans	M.Phil (CS), MCA, Pursuing Ph.D (IT)	Assistant Professor (Grade II)	Operating Systems, Object Oriented Programming	12 yrs. 03 months	NA	NA
Ms. Monika Sharma	MCA, MBA (IT), BCA, 3 yrs Dip(Comp Engg) Pursuing Ph.D (CS)	Assistant Professor (Grade II)	Information Security, Web Technology, Digital Electronics	15 yrs. 02 months	NA	NA
Ms. Upasana Sharma	MCA, B.Sc, Pursuing Ph.D (IT)	Assistant Prof. (Grade II)	Software Engg. Data Mining	13 yrs 05 months	NA	NA
Dr. Komal Saxena	MCA, L.L.B	Assistant Professor (Grade II)	ERP	14 yrs 08 months.	-	-
Ms. Deepa Gupta	M.Tech (CSE), MSc (CS), B.Sc (CS), Pursuing Ph.D (CSE)	Assistant Professor (Grade II)	Automata, Software Engineering, Computer Graphics	9 yrs. 01 month	NA	NA
Ms. Ruchika Bathla	MCA, BSc. (CS), pursuing Ph.D (IT),	Assistant Professor (Grade II)	Networking, C++, Social Network Analysis	10 yrs. 07 months	NA	NA
Ms. Neetu Gupta	MCA, B.Sc. (CS), Gate Qualified, Pursuing Ph.D	Assistant Professor (Grade II)	Programming Languages, Object Oriented	14 yrs. 08 month	NA	NA

Ms. Shubhra Gautam Sharma	MCA, B.Sc (PCM), Pursuing Ph.D (IT)	Assistant Professor (Grade II)	Software Reliability, Computer Graphics, Computer Architecture, CONA	10 yrs. 02 months	NA	NA
Ms. Arti Rana	M.Phil, MCA, Pursuing Ph.D	Assistant Professor (Grade II)	Architecture, Software Engineering, DBMS	11 yrs. 10 months	NA	NA
Ms. Seema Rawat	M.Tech, Ph.D. (pursuing)	Assistant Professor (Grade I)	Cloud Computing, Artificial Intelligence,	10 yrs. 04 months	NA	NA
Mr. Anil Kr. Sajnani	M.Tech. (CS)	Assistant Professor (Grade I)	C, Computer Architecture, Computer Networks (LAN) Ad-hoc Naming Systems	26 Yrs. 01 month	NA	NA
Mr. Ram Bhushan	MTech (IT), BTech (IT)	Assistant Professor (Grade I)	Mathematics, C/C++, DAA, Networking and Wireless communication	7 yrs. 07 month	NA	NA
Ms. Richa Singh	MCA, BCA, Ph.D.(CS) Pursuing	Assistant Professor (Grade I)	Data Structure	10 yrs. 03 months	NA	NA
Ms. Swati Rustogi	MCA, Ph.D.(CS) Pursuing	Assistant Professor (Grade I)	JAVA, Operating System, Unix, Compiler Design	11 yrs 07 months	NA	NA
Ms. Ginni Arora	M.Tech (CSE), MCA (CSE), BCA , Ph.D.(CS) Pursuing	Assistant Professor (Grade I)	Database, .Net Technologies	8 yrs. 05 months	NA	NA
Dr. Sandeep Mathur	Ph.D.(CS), M.Phil (CS), MCA, BCA	Assistant Professor (Grade I)	Data warehouse, Operating systems, DBMS, object	8 yrs. 02 months	NA	NA

			oriented programming and systems, C			
Dr. Prem Kumar Singh	PDF, Ph.D.(CS), MCA, B.Sc.	Assistant Professor (Grade I)	Data Analytics, Machine learning, Graph Theory	6 Months	-	-
Ms. Sudhriti Sengupta	MCA	Lecturer	.Net Technologies, Data Structure, C/C++/DBMS	7 yrs. 05 months	NA	NA
Dr. Renu Dhupper	M.,Sc., Ph.D.	Assistant Professor (Grade II)	Environment Sciences	8 years	NA	3
Ms. Jasmeet Kaur	MA	Visiting Faculty	English Literature and Communication	2 years	NA	NA
Mr. Parnika Sharma	MA	Assistant Professor (Grade I)	Counselling Psychology, Political Science & Behavioural Science	7 years	NA	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Response:

Till now AIIT has conferred honorary professorship to the nine professors from international universities, located in USA, Australia, Taiwan, Bangladesh, Argentina, Russia and Turkey. AIIT also has senior visiting fellows from other countries.

#	Senior Visiting Fellow		Emeritus/Honorary Professors	
	Name	Designation	Name	Designation
a	Prof. Shigeru Yamada	Department of Social Management Engineering, Graduate School of Engineering, Tottori University, Tottori-shi, Japan	Prof. Hoang Pham	Professor in Software Reliability Engineering Department of Industrial & Systems Engineering Rutgers University 96 Frelinghuysen Road, USA
b	Dr. Yoshinobu Tamura	Associate Professor, Graduate School of Science and Engineering, Yamaguchi University, Japan	Prof. Longbing Cao	Professor, Faculty of Engineering and IT Director, Advanced Analytics Institute, University of Technology Sydney, Australia
c	Dr. Shinji Inoue	Department of Social Management Engineering, Graduate School of Engineering, Tottori University, Tottori-shi, Japan	Prof. (Dr.) Sajal K. Das	IEEE Fellow, Chair, Department of Computer Science Daniel St. Clair Endowed Chair, Missouri University of Science and Technology, USA
d	Prof. Longbing Cao	Professor, Faculty of Engineering and IT, Director, Advanced Analytics Institute, University of Technology Sydney, Australia	Prof. Mario Divan	Director Divsar Consultor de Procesos y Sistemas de Soporte de Decisión, Manzana, Toay - La Pampa – Argentina
e	Dr. Xiaoyuan Su	Founder & CEO, Chinese Radio Seattle, Senior member of IEEE	Dr. Yury Klovchov	Director, Monitoring Centre for Science and Education Professor, Department of Economics and Management in Machine Building, St. Petersburg Polytechnic University, St. Petersburg, Russia
f	Mohd Helmy Abd Wahab	Embedded Computing System Research Group, Faculty of Electrical and Electronic Engineering, University Tun Hussein Onn Malaysia, Johor, Malaysia	Prof. Pao-Ann Hsiung	Dean of International Affair, Department of Computer Science and Information Engineering, National Chung Cheng University, Chiayi, Taiwan
g	Dr. Zaki Qureshey	Founder & C.E.O, E2Labs Information Security Pvt.	Prof. Alok Mishra	Professor, Department of Software Engineering, Atilim University,

		Ltd		Ankara – Turkey
h	Prof. Paolo Ciancarini	Member, IFIP TC14 Entertainment Computing Alma Mater Studiorum, Università di Bologna, Italy	Prof. Syed Akhter Hossain	Head, Department of CSE/CS/CIS, Daffodil International University, Dhanmondi, Dhaka, Bangladesh
i	Dr. Aladdin Ayesb	Reader in Artificial Intelligence Faculty of Technology Erasmus Coordinator De Montfort University, Faculty of Technology The Gateway, Leicester, UK	San Murugesan	Director, BRITE Professional Services, editor in chief of IEEE IT Professional, and an adjunct professor at Western Sydney University in Australia. He also serves on the editorial boards of Computer, The Institute, and IEEE Transactions on Cloud Computing, and edits Computer's Cloud Cover column. He is a corporate trainer, researcher, academic, and author
j	Mr. Markus Schwertel	Senior Manager Social Innovation Group, Asia Pacific Cisco		
k	Dr. Afaq Ahmed	Professor, department of Electrical & Computer Engineering, Sultan Qaboos University, Muscat, Oman.		
l	Dr. Francesco Masulli	Associate Professor of Computer Science, DIBRIS, University Of Genova, ITALY.		
m	Dr. Masooud Mohammadin	Associate Professor in Computer Science, University Of Canberra, Australia		
n	Prof. G.G. Senaratne	President, Graduate Institute of Science and		

		Management (GISM), Colombo 3, Sri Lanka		
o	Dr. Mahesh Chandra	Associate Professor, Hofstra University, Hempstead, New York		
p	Dr. Shinji Inoue	Department of Social Management Engineering, Graduate School of Engineering, Tottori University, Japan		
q	Prof. William Zhu	Minjiang Chair Professor, Director, Key Lab of Granular Computing, Zhangzhou Normal University, China		
r	Dr. Jude T. Lubega	Head of Information Technology, College of Computing and Information Sciences, Makerere University, Kampala, Uganda,		
s	Prof (Dr.) Dinesh K Sharma	Professor of Quantitative Methods and Computer Applications, Department of Business, Management and Accounting, Maryland University, U.S.A		
t	Dr. Anil Kumar	Technical Lead, IGATE, USA		
u	Dr. Poonam Kumar	Associate Professor, Pearl Academy, Affiliated by Nottingham Trend University (UK)		
v	Mr. Saurabh Agrawal	Head-Strategy & Delivery (Medalist & Africa)		
w	Ms. Pallavi Thakral	Marketing & E-commerce Manager, Apple		
x	Dr. Mohit Kumar Goel	Principal Scientist InfoEdge India Ltd. (Naukri.com Division)		

13. **Percentage of classes taken by temporary faculty – programme-wise information:**

Response:

For teaching Sociology of Change and Development, Indian Social Structure and Process, Value Added Course (Behavioural Science) in B.Sc. (IT) 4.67% classes have been taken by visiting faculty. For teaching Financial Management in MCA 1.76% classes have been taken by visiting faculty.

14. **Programme-wise Student Teacher Ratio:**

Response: Following are the Programme-wise Student Teacher Ratio:

#	Programme Name	Student Teacher Ratio
1	BCA	15:1
2	B.Sc. (IT)	15:1
3	BCA + MCA (Dual)	12:1
4	BCA (Evening)	14:1
5	MCA	12:1
6	M.Sc. (NT &M)	12:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Response:

Following are the details of number of academic support staff (technical) and administrative staff:

Non Teaching Staff	Sanctioned	Filled (Last 4 Years)	Actual
Academic support staff	3	0	3
Academic support staff (technical)	3	3	3
Administrative staff	5	2	4
Total	11	5	10

16. **Research thrust areas as recognized by major funding agencies:**

Response:

Institute is engaged in research areas and thrust areas are Software Engineering, Network Security, Big Data, Image Processing

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

Response:

Faculties of AIIT are engaged in research projects and they have applied for four research projects.

18. **Inter-institutional collaborative projects and associated grants received : Nil**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil**

20. **Research facility / centre with:**

Response:

Institute has a CISCO research lab for conducting research and also we have software like MATLAB, SPSS, etc. for research.

21. **Special research laboratories sponsored by / created by industry or corporate bodies:**

Response:

CISCO research lab was established in 2001. AIIT instructor training centre has conducted more than 60 instructors training from 2001 till now. In these trainings more than 300 instructors have been trained. Through CISCO consultancy and training, Rs 75,21,103/- revenue has been generated.

22. **Publications:**

Response:

Faculties of AIIT have published papers in various International journals and conferences.

Total number of papers published in peer reviewed journals (national / international): 97

Total number of papers published in non indexed journals (national / international): 65

Total number of papers published in indexed conferences (national / international): 128

Total number of papers presented conferences (national / international): 80

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	97
Monographs	07
Chapters in Books	05
Edited Books	16
Books with ISBN with details of publishers	02
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	83
Citation Index – range / average	0.929 (citation average)
SNIP (Source Normalized : Impact per Person)	Nil
SJR (Scimago Journal Rank)	-
Impact Factor – range / average	Range 1-5, Average 0.40
h-index	Range 1-8, Average 0.115

23. **Details of patents and income generated:**

Response:

Since 2012 faculties of AIIT have filed 12 patents. Out of these five patents have been completed.

Patent Details							Income generated (INR)
#	Signed Date	Patent	Inventor's name	Institution/ Department	Publication or Application No.	Current Status	Nil
1	27 May 2016	3D augmented reality haptic two factor volumetric force feedback interfaces	Sarika Jain	Amity Institute of Information Technology AUUP Noida	201611019381	Filed	Nil
2	13 Apr 2016	Optical fibre based 3D haptic screen device	Sarika Jain	Amity Institute of Information Technology AUUP Noida	201611012989	Filed	Nil
3	16 Mar 2016	An improved wearable device for security and two way laser communication	Sarika Jain	Amity Institute of Information Technology AUUP Noida	201611009331	Filed	Nil
4	15 Mar 2016	Chroma haptic system	Sarika Jain	Amity Institute of Information Technology AUUP Noida	201611010122	Filed	Nil
5	13 Jan 2016	Two factor mechanical hand based volumetric force feedback	Sarika Jain	Amity Institute of Information Technology AUUP	201611002455	Filed	Nil

		system		Noida			
6	29 Oct 2015	Smart water bottle with hydration management system	Sarika Jain	Amity Institute of Information Technology AUUP Noida	3529/DEL/2015	Filed	Nil
7	01 Jul 2015	C2MC	Sandee p Mathur	Amity Institute of Information Technology AUUP Noida	6302/2015-co/sw	Filed	Nil
8	3 Feb 2015	Hardware Implementation of Pattern Matching Algorithm (Aho-Corasic Algorithm) to detect malicious packets using Field Programmable Gate Array (Copyright)	Tanya Singh	Amity Institute of Information Technology AUUP Noida	1060/2015-CO/SW	Completed/ Published	Nil
9	20 Oct 2014	A System and Method for Measuring Efficiency of ERP Testing Components	Sunil Kumar Khatri	Amity Institute of Information Technology AUUP Noida	2982/DEL/2014	Completed/ Published	Nil
10	1 April 2014	An Improved Method and System for Enhancing Security Using Hybrid Key Encryption Algorithm	Himanshu Gupta	Amity Institute of Information Technology AUUP Noida	2548/DEL/2014	Completed/ Published	Nil

11	8 Aug 2013	A System and Method for Extending SOA to Enable Automatic Web Service Composition	Deepak Kumar	Amity Institute of Information Technology AUUP Noida	2373/DEL/2013	Completed/ Published	Nil
12	24 May 2013	A Flexible Software Testing System by Incorporating Change Point in SRGM	Deepak Kumar	Amity Institute of Information Technology AUUP Noida	1555/DEL/2013	Completed/ Published	

24. Areas of consultancy and income generated :

Response:

AIIT instructor training centre conducted more than 60 instructors training from 2001 till now. In these trainings more than 300 instructors have been trained. Through CISCO consultancy and training, Rs 75, 21,103/- revenue has been generated.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

Response:

AIIT Faculties regularly visit laboratories / institutions / industries in India and abroad as mentioned below:

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	Duration		National / International
				From	To	
1	Dr. S. K. Khatri	Professor	Publishing Chair , 3 rd IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (IEEE UPCON-2016), IIT(BHU), Varanasi,	June 1, 2016	Dec 9-11, 2016	International
			Conferred Visiting Professor, University of Technology, Sydney, Australia	Oct 4, 2015	Oct 7, 2015	International
			Delivered a Lecture on “Software Reliability Growth Modeling” in University of	Oct 8, 2015	Oct 8, 2015	International

			Technology Sydney (UTS), Australia, Oct 8, 2015			
			Visited CISCO System, NetAcad, Thailand	May 21, 2015	May 24, 2015	International
			Chaired a Technical Session on "Some study on Energy Issues in Quantum Dot Cellular Automata" in National Conference on Computing, Communication and Information Processing (NCCCIP-2015), Department of Computer Science & Engineering, North Eastern Regional Institute of Science & Technology, Nirjuli (Itanagar), Arunachal Pradesh, India (Sponsored by AICTE North East Quality Improvement Programme)	May 02, 2015	May 03, 2015	National
			Delivered a Keynote Address on "Using ANN Approach for Modeling Software Reliability Growth" in National Conference on Computing, Communication and Information Processing (NCCCIP-2015), Department of Computer Science & Engineering, North Eastern Regional Institute of Science & Technology, Nirjuli (Itanagar), Arunachal Pradesh, India (Sponsored by AICTE North East Quality Improvement Programme),	May 2, 2015	May 3, 2015	National
			Delivered an Invited Talk on "Significance of Software Reliability and its Trends", Maharaja Surajmal Institute of Technology, GGSIPU, Delhi, India	Mar 21, 2015	Mar 21, 2015	National
			Chaired a Technical Session on Data Mining & Compression in 1st International Conference on Futuristic Trends in Computational Analysis and Knowledge Management,	Feb 25, 2015	Feb 27, 2015	International

			Greater Noida			
			Chaired a Technical Session on Software Engineering in 5th International Conference on Advanced Computing & Communication Technologies (ACCT14), RG Educational Society, Rohtak	Feb 21, 2015	Feb 22, 2015	International
			Delivered an Invited Talk on “Software Reliability Growth Modeling: An ANN Approach” in National Conference on Recent Trends and Developments in Statistics (NCRTDS), Department of Statistics, MD University, Rohtak, In Conjunction with Indian Association for Reliability and Statistics (IARS), Rohtak	Feb 21, 2015	Feb 22, 2015	National
			Delivered an Keynote Address on “Software Reliability Growth Modeling: An ANN Approach” in 5th International Conference on Advanced Computing & Communication Technologies (ACCT15), RG Educational Society, Rohtak,	Feb 21, 2015	Feb 22, 2015	International
			Organizing Co-Chair, 17th International Conference on Computer and Information Technology (ICCIT), Daffodil International University, Dhaka, Bangladesh	June 15, 2014,	December 22, 2014,	International
			Delivered an Invited Talk on “Ethics in Research” in National Workshop on Promoting Research Culture in Educational Institutions, Lingaya's GVKs Institute of Management & Technology, Faridabad	Nov 29, 2014	Nov 29, 2014	National
			Delivered an Invited Talk on “Quantitative Software Quality Assessment” in International Conference on Data Acquisition, Transfer, Processing & Management (ICDATPM 2014), Lingaya's University, Faridabad,	Mar 29, 2014	Mar 29, 2014	International

			Delivering an Invited Talk on “Intrusion Detection Using Data Mining” in International Conference on IT in Business Industry and Govt. (CSIBIG 2014), Indore, India.	Mar 9, 2014	Mar 9, 2014	International
			Delivered an Invited Talk in CSI 6th International Conference on Software Engineering (CONSEG-2012) on “Software Reliability Growth Modeling-An Artificial Neural Network Approach”, Indore, India,	Sep 5, 2012	Sep 7, 2012	International
2	Dr. Renuka Mahajan	Assistant Professor (Grade III)	Bhartiya Vidyapeeth, New Delhi for INDIACOM 2016 Conference	March 18, 2016	March 18, 2016	National
3	Dr. Himanshu Gupta	Assistant Professor (Grade III)	Chaired a Technical Session, “Recent Trends and Applications in Network Security and Cryptography”, ACM International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016) organized by Computer Society of India (CSI) & ACM Udaipur Chapter, Udaipur,	March 4, 2016	March 5, 2016	International
			Chaired a Technical Session, “Emerging Trends in Network Security and Cryptography”, 50th Golden Jubilee Annual Convention -2015 organized by Computer Society of India (CSI), India International Centre (IIC), New Delhi	Dec 2, 2015	Dec 5, 2015	International
			Chaired a Technical Session, “Recent Trends and Applications in Modern Cryptography (RTAMC)”, 2015 IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN) organized by IEEE Young Professionals Affinity Group, Kolkata Section, India and RCC Institute of	Nov 20, 2015	Nov 22, 2015	International

			Information Technology, Kolkata			
4	Dr. Tanya Singh	Associate Professor	Chaired a Technical Session, “Internet of Things”, ACM International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016) organized by Computer Society of India (CSI) & ACM Udaipur Chapter, Udaipur	March 4, 2016	March 5, 2016	International
5	Dr. Deepak Kumar	Associate Professor	Chaired a Technical Session, “Information Process Engineering”, 7th International Conference on Quality, Reliability, Infocom Technology and Business operations (Trends and Future Directions) at University of Delhi, organized by Delhi University, DRDO and DST	Dec 28, 2015	Dec 30, 2015	International
			DQM Research Center, Belgrade, Serbia, Europe, 4th DQM International Conference on Life Cycle Engineering and Management (ICDQM-2013)	June 27, 2013	June 28, 2013	International
			MIMT 2012, University of Maryland, USA	Oct 5, 2012	Oct 5, 2012	International
6	Dr. Naresh Kumar	Assistant Professor (Grade III)	Visited CISCO System, NetAcad, Thailand	May 21, 2015	May 24, 2015	International
7	Dr. Subhranil Som	Associate Professor	ICCSPA'13, American University of Sharjah, Sharjah, UAE	Feb 12, 2013	Feb 14, 2013	International
8	Dr. Sandeep Mathur	Assistant Professor (Grade I)	JNU New Delhi, ACSITEET–2014)	Feb 22, 2014	Feb 23, 2014	International

26. **Faculty of AIIT serving in national/international committees:**

Response:

Faculties are member of national/international committees and editorial boards, which are following:

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
a	National committees				
	Research Development Committee (RDC), Bundelkhand University, Jhansi	Dr. S. K. Khatri	Professor	External expert	2015-17
	National Advisory Board, National Conference on IPR: Challenges in Digital Environment (NCICDE-2015), Library Science Center, Lingaya's University, Faridabad			Member	Nov 20-21, 2015
	Advisory Committee, National Conference on Interdisciplinary Research in Science & Technology (NCIRST-2015), Lingaya's GVKS Institute of Management & Technology, Faridabad, India				April 17, 2015
	National Advisory Committee, National Conference on Computing, Communication and Information Processing (NCCCIP-2015), Department of Computer Science & Engineering, North Eastern Regional Institute of Science & Technology, Nirjuli (Itanagar), Arunachal Pradesh, India (Sponsored by AICTE North East Quality Improvement Programme)				May 2-3, 2015
	Advisory Committee, National Conference on Emerging Trends in Information Technology (NCETIT'2015): Cyber Security – A Panoramic View, IITM, Delhi, Mar 21, 2015				Mar 21, 2015
	National Advisory Committee, International Conference on Data Acquisition, Transfer, Processing & Management (ICDATPM 2014), Lingaya's University,				Mar 28-29, 2014

	Faridabad				
	Technical Committee, 2nd National Conference on Recent Trends in Computer Science and Information Technology (RTCSIT-2013), Echelon Institute of Technology, Faridabad,				Sep 27-28, 2013
	Program Committee, INDIACom-2013 (National Conference on Computing for Nation Development), Delhi				Mar 7-8, 2013
	National Advisory Committee, International Conference on Telecommunication and Networks (TEL-NET2013), Noida,				Feb 27-28, 2013
	National Advisory Committee, International Conference on Reliability, Quality, Optimization and Information Technology (ICROIT2012), Manav Rachna International University, Faridabad, India,				Dec 27-29, 2012
	National Advisory Committee, International Conference on Advanced Research in Engineering and Technology (ICARET), Vijayawada, Andhra Pradesh, India			Member	Dec 7-8, 2012
	UP State CSI Student Coordinator (2012-2014)			Coordinator	2012-2014
	Honorary Executive Member, Governing Council (Delhi Chapter), 3E Innovative Foundation			Honorary Executive Member	2012 onwards
	Secretary, Society for Reliability Engineering, Quality and Operations Management (SREQOM)			Secretary	2011 onwards
b	Editorial Boards				
	International Journal of Systems Assurance Engineering and Management (IJSAEM), Springer Verlag (India)			Editor	2014 onwards
	International Journal of Computer Theory and Engineering (Singapore)			Member	2009 onwards
	International Journal of Modeling and Optimization (Singapore)				2013 onwards

	American Open Software Engineering Journal (USA).				2014 onwards
	American Open Computer Technology Journal (USA)				2014 onwards
	Journal of Technology and Engineering Sciences (India).				2009 onwards
	International Journal of Software Engineering Research and Practices (India)				2012 onwards
	International Journal of Computer Science & Information Technology (IJCSITAR), Aafreen Research Publication House (ARPH) (India).				2014 onwards
	Abhyantriki: An International Journal of Engineering & Technology (AIJET) (India)				2014 onwards
	3E Insight – International Journal of Innovative Technology (India).			Associate Editor	2014 onwards
	International Editorial Committee, 2nd International Workshop on Networking and Communication 2013, Jeju National University International Center, Jeju Island, Korea			Member	2013 onwards
	Springer's Journal of Education & information technology	Dr.. Sandeep Mathur	Assistant Professor	Member	Lifetime
	Journal of Bioinfo Publication				
	International Journal of Emerging Technology and Advanced Engineering				
	Apeejay Journal of Management Sciences & Technology (AJMST) Greater Noida				
		Dr. Neetu Mittal	Assistant Professor	Co-Editor	2012 onwards
c	International committees				
	Advisory Committee, International Conference on Computational Techniques in Information and Communication Technology (ICCTICT 2016), University School of Information and Communication Technology, Guru Gobind Singh Indraprastha University, Delhi	Dr. S. K. Khatri	Professor	Member	March 1 1-13, 2016
	Advisory Committee,				Feb 25-

International Conference on Modern Research in Aerospace Engineering(MRAE-2016), Amity Institute of Aerospace Engineering, Amity University, Noida				26, 2016
International Advisory Committee, International Conference on Innovation and Challenges in Cyber Security, Amity University, Greater Noida				Feb 3-5, 2016
Technical Committee, 6th International Conference on Cloud System and Big Data Engineering Confluence-2016, Amity University, Noida				Jan 14-15, 2015
Technical Program Committee, Technical Symposium on Emerging Technologies in Computer Science (TSETCS 2015), G L Bajaj Institute of technology and Management, Greater Noida				Nov 6, 2015
Program Committee, 2015 IEEE International Conference on Data Science and Advanced Analytics (DSAA'2015), Paris, France				Oct 19-21, 2015
Technical Program Committee, 12th International Conference on Wireless and Optical Communications Networks (WOCN2015), Next Generation Internet, Bangalore, Karnataka, India				Sep 9-11, 2015
International Scientific Committee, 2015 2nd International Conference on the Modern Development of Humanities and Social Science (MDHSS), Phuket, Thailand				Jul 26-27, 2015
Advisory Committee, International Conference on Computing, Communication and Automation (ICCCA 2015), School of Computing Science & Engineering, Galgotias University, Uttar Pradesh, India.				May 15 -16, 2015
Technical Committee, 6th International Conference on Cloud System and Big Data Engineering				Jan 14-15, 2015

Confluence-2016, Amity University, Noida				
Membership Development Committee, IEEE UP Section (India), 2016			Convener	2016
IEEE UP Section (India)			Executive Committee Member	2014 & 2016
Advisory Committee, tri-Ace Solutions, Noida, India			Member	2014 onwards
Advisory Committee, International Conference on Interdisciplinary Research in Science & Technology (ICIRST 2016), IET, Alwar,				Apr 29-30, 2016
Program Committee, 2016 International Conference on Electronic Engineering and Computer Science (ICEECS2016), Hangzhou, China,				Apr 25-26, 2016
Program Committee, 2016 International Conference on Applied Mathematics and Data Science (ICAMDS2016), Hangzhou, China, Apr 25-26, 2016				Apr 25-26, 2016
Technical Program Committee, 3rd International Conference on Computing Sciences (ICCS), Lovely Professional University, Punjab, India				Apr 8 - 9, 2016
Advisory Committee, International Conference on Energy, Economics and Environment (ICEEE2015), Galgotias College of Engineering & Technology, Greater Noida,				Mar 27-28, 2015
Technical Committee, 9th INDIACom-2015 and 2nd International Conference on Computing for Sustainable Global Development, Delhi				Mar 11-13, 2015
International Advisory Committee, International Conference on Futuristic Trends in Computational Analysis and Knowledge Management, Greater Noida,				Feb 25-27, 2015
Technical Committee, 2nd IEEE International Conference on				Feb 19-20, 2015

Signal Processing and Integrated Networks (SPIN2015), Noida,				
Technical Program Committee, 5th International Conference on Advanced Computing & Communication Technologies (ACCT14), RG Educational Society, Rohtak,				Feb 21-22, 2015
Technical Committee, 5th International Conference Confluence-2014, The Next Generation Information Technology Summit, Noida,				Sep 25-26, 2014
Program Committee, Annual International Conference on Mechanical Manufacturing, Modeling and Materials (AC4M2014), Xi'an, China,				Jul 26-27, 2014
Program Committee, 4th International Conference on Computer Engineering and Networks (CENet 2014), Shanghai, China,				Jul 19-20, 2014
International Advisory Committee, 5th DQM International Conference Life Cycle Engineering and Management (ICDATPM 2014), Lingaya's University, Belgrade, Serbia,				June 27-29, 2014
Program Committee, The 2014 International Symposium on Information and Communication Technology (ICT 2014), Zhangjiajie, China			Member	May 28-31, 2014
Technical Program Committee, 1st Journal Conference on Modeling and Optimization (JCMO 2014 1st), Dubai, UAE,				Apr 2-3, 2014
Technical Program Committee, INDIACom-2014 (International Conference on Computing for Sustainable Global Development), Delhi				Mar 5-7, 2014
Advisory Board, International Conference on recent Trends in Engineering, Technology & Sciences (ICRTETS-2014), Eluru, Andhra Pradesh, India,				Feb 21-22, 2014
Technical Committee, IEEE				Feb 20-

International Conference on Signal Processing and Integrated Networks (SPIN2014), Noida,				21, 2014
Technical Program Committee, International Conference on Issues and Challenges in Intelligent Computing Techniques, Ghaziabad,				Feb 7-8, 2014
Conference Advisory Committee, IEEE 2014 International Conference On Reliability, Optimization & Information Technology (ICROIT2014), Manav Rachna International University, Faridabad , India to be held in				Feb 6-8, 2014
Program Committee, 3rd International Conference on Soft Computing for Problem Solving (SocProS 2013), Indian Institute of Technology Roorkee, Greater Noida Extension Center,				Dec 26-28, 2013
Program Committee, The FTRA 2013 International Symposium on Ubiquitous Computing and Embedded Systems (UCES-13) in Danang, Vietnam				, Dec 18 - 21, 2013
Program Committee, The 5th FTRA International Conference on Computer Science and its Applications (CSA-13), Danang, Vietnam,				Dec 18 - 21, 2013
Technical Committee, 4th International Conference Confluence-2013, The Next Generation Information Technology Summit, Noida,				Sep 26-27, 2013
Program Committee, 3rd International Conference on Computer Engineering and Networks (CENet 2013), Shanghai, China,				Jul 20-21, 2013
Technical Program Committee, 3rd International Conference on Advanced Computing & Communication Technologies, RG Educational Society, Rohtak,				Apr 6-7, 2013
Technical Review Committee, Third International Conference on Global Innovations in Technology				Apr 4-6, 2013

	and Sciences (ICGITS 2013), SAINTGITS College of Engineering, Kerala, India to be held in				
	Technical Committee, Confluence-2012, The Next Generation IT Summit, Noida,				Sep 27-28, 2012
	Program Committee, Ninth International Conference on Wireless and Optical Communications Networks (WOCN2012), Next Generation Internet, Indore, India,				Sep 20-22, 2012
	Program Committee, CSI 6th International Conference on Software Engineering (CONSEG-2012), Indore, India				Sep 5-7, 2012
	Program Committee, International Conference on Quality, Reliability, Maintainability and Safety (QR2MSE2012), Chengdu, China,				Jun 15-18, 2012
	CSI Noida Chapter (2013-2015)			Vice-Chairman	2013-15
	IEEE UP Section (India),			Executive Committee Member	2014 & 2016
	Science and Engineering Institute			Member	2015 onwards
	International Association of Engineers (IAENG),				2015 onwards
	Computer Science Teachers Association (CSTA)				2013 onwards
	IACSIT Reliability and Safety Society (RSS) Committee				2009 onwards
	Infosys Prize Nomination Council				2015
	Infosys Prize Nomination Council				2014
d	any other (please specify)				

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

Response:

Faculties have been attending orientation programs, workshops, training programs, conference and Faculty Development Programs regularly. Details are as following:

#		Organised	Attended
a	Refresher	0	0
b	Orientation programs	0	4

c	Workshops	15	26
d	Training programs	0	7
e	Conference	09	44
f	Faculty Development Programs	06	18
g	Guest Lecture	86	0

28. **Student projects :**

Response:

Following are the programme wise details of student Projects:

Percentage of students who have done in-house projects including inter-departmental projects

#	Students projects	Percentage of students	
		UG	PG
1	Percentage of students who have done in-house projects including inter-departmental projects		
	Type of Field Centric studies		
	a. In house / interdepartmental practical trainings	56%	54%
	b. Summer Training / Internship	44%	46%
	c. Minor project	-	-
	d. Major Project	43%	56%
	e. Dissertation	-	-
	f. Any other (Specify)	-	-

Percentage of students doing projects in collaboration with other universities / industry / institute

#	Percentage of students doing projects in collaboration with other universities / industry / institute	UG	PG
	Collaboration with:		
2	a. Universities	-	-
	b. Industry	57%	45%
	c. Institutes	-	-

29. **Awards / recognitions received at the national and international level:**

Received by Faculty:

Response: Faculties have received various awards which are following:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1	Dr Sunil Khatri	Professor	Distinguished Guest in Inaugural Function of CSI Students Branch in K R Mangalam University, Gurgaon, India	Mar 9, 2016	National
			Guest of Honour in Inaugural Function of 3rd International Seminar on Management & IT, Ideal Institute of Management & Technology & School of Law (IIMT), GGSIP University, Karkardooma, Delhi, India,	Jan 21, 2016	International
			IT Innovation & Excellence Award for Contribution in the field of IT and Computer Science Education by Knowledge Resource Development & Welfare Group	Dec 28, 2012	National
			Guest of Honour in Valedictory Function of National Workshop on Promoting Research Culture in	Nov 29, 2014	National

			Educational Institutions, Lingaya's GVKs Institute of Management & Technology, Faridabad		
			Distinguished Guest in One-day Seminar on "Technological Advancements in India – Role of School Education" in Advanced Educational Institutions, Palwal	Nov 23, 2013	National
			Conferred Visiting Honorary Professorship by Advanced Analytics Institute, University of Technology, Sydney, Australia	Oct 5, 2015	International
			Guest of Honour in Valedictory Function of National Conference on Computing, Communication and Information Processing (NCCCIP-2015), Department of Computer Science & Engineering, North Eastern Regional Institute of Science & Technology, Nirjuli (Itanagar), Arunachal Pradesh, India (Sponsored by AICTE North East Quality Improvement Programme)	May 3, 2015	National
			Chief Guest in Inaugural Function of 5th International	Feb 21-22, 2015	International

			Conference on Advanced Computing & Communication Technologies (ACCT14), RG Educational Society, Rohtak		
			Guest of Honour in Inaugural Function of CSI Students Branch, NIET, Greater Noida,	Dec 6, 2014	National
2	Dr. Naresh kumar	Assistant Professor (Grade III)	received award for one of the best instructor in service for 10 years in networking academy program in NetAcad partner summit 2016	2016	International
3	Ms Kanchan Hans	Assistant Professor (Grade II)	Best Paper Award, Lovely Professional University	Nov 16,2013	International
4	Dr Himanshu Gupta	Assistant Professor (Grade III)	Special Recognition Award given to deliver technical session on "Role of Information Security in Information Technology" in International Seminar at Udayana University, Bali, Indonesia	Aug 2,2013	International
			Invited Speaker in International Lecture Series-2013, National University of Information Technology, Ho Chi Minh, Vietnam	Apr 25,2013	International
			Delivered Invited Talk on "Role of Multiple Encryption	Apr 24,2013	International

			in Secure Voice Communication" in "International Conference of Cryptography and Network Security (ICCNS' 2013)" at Pattaya, Thailand		
			Special Contribution and Achiever's Award by ACM ICTCS 2016.	March 4,2016	International
			Special Achievement Award, Panha Chiet University, Phnom Penh, Cambodia	Aug 3,2012	International
5	Dr Deepak Kumar	Associate Professor	Guest of Honour by Computer Society of India (CSI) on 50th Golden Jubilee Annual Convention on Digital Life, Computer Society of India (CSI)	Dec 5,2015	International
			Significant contribution in the field of Software Reliability Engineering” conferred by 6th International Conference in Quality, Reliability and Infocomm Technology and Industrial Management (ICQRITIM, 2012) organized by University of Delhi and SREQOM.	Nov 28,2012	International
6	Dr Alpana Kakkar	Associate Professor	Awarded as "Distinguished	Jan 24,2013	International

			Scholar 2013 " in recognition of contribution made towards " Excellence in Research" by International Association of Research Scholars in Collaboration with IIT Kharagpur , National School of Leadership , Pune and Central University Rajasthan		
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Received by Doctoral / Post-doctoral fellows:

#	Student's Name	Doctoral / Post-doctoral	Description of Award Recognition received	Date (receiving the award / recognition)	National / International
1	Mr. Ravi Gupta	Ph.D IT (Part Time) Batch: July, 2016	Received National award from Ministry of Information Technology Under Digital India Mission	21 st Dec ,2016	National

Received by Students:

#	Student's Name	Program me Name	Description of Award Recognition received	Date (receiving the award / recognition)	National / International
1	Mr. Jayaditya	B.Sc.(IT)	Attended Akademy 2016, in Berlin. Akademy is an annual contributors and users conference of the KDE Community He is now working for open source organization KDE,	8th September 2016	International

			and is working under a project whose progress can be tracked under: https://phabricator.kde.org/p/jgupta/		
2	Mr. Kunwar Kuldeep , Mr. Kundan Mr. Gurjeet and Mr. Nitin Arora	M.Sc(NT &M)	Qualified for the Net Riders India Competition	2015-16	National
3	Mr. Kumar Kuldeep	M.Sc(NT &M)	Represented India in Asia Pacific Net Riders competition and won the India Net rider Competition	2015-16	International
4	Mr Parv Kaila	BCA	Played lead role in serials 'Ye Hai Aashiqui', 'UTV Bindaas', 'Gumrah', 'Secret Diarie's Channel V', 'MTV Big', 'Nisha aur Uske Cousins' and in 'Piya Rangrez'	2015-16	National
5	Mr. Tushar Vasudev	B.Sc(IT)	System Architect, GVC Systems Pvt. Ltd., .NET full stack developer, data science, ergonomics and consumer behavior enthusiast is working for Innovation Incubator, Amity University, Noida	2015-16	National
6	Ms. Ritabrata Mandal	B.Sc(IT)	Android Developer, GVC Systems Pvt. Ltd., Proficient android developer and internet marketing enthusiast is working for Innovation Incubator, Amity University, Noida	2015-16	National

7	Mr. Ispreet Singh and Mr. Gaurav Mittal	MCA	Certificate of Merit in All India Essay Writing Event, organized by Shri Ram Chandra Mission in Collaboration with United Nations Information center for India and Bangladesh	2015-16	International
8	Mr. Akshay Tyagi	BCA(E)	Invited as a guest singer in 'JECRC College Fest Renaissance 2016' in Jaipur, 'Greater Noida Institute of Technology' for College Festival 'FUSION 2016'	2015-16	National
9	Mr. Akshay Tyagi	BCA(E)	Invited as a guest singer in 'Greater Noida Institute of Technology' for College Festival 'FUSION 2016'	2015-16	National
10	Mr. Akshay Tyagi	BCA(E)	Recorded songs for AMITY unplugged in RADIO AMITY	2015-16	National
11	Siddharth Suman	B.Sc.(IT)	Played karate at State, national, international level. Played volleyball at state level	2011-14	National
12	Mr. Pramod Saxena, Ms. Monica and Mr. Karun Pandey	MCA	Won prize sponsored by GlobalLogic for the projects in Delphi	2014-15	National

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response: Below are the details of Seminars/ Conferences/Workshops organized by AIIT:

#	Title of Event	Type of Event National/	Duration of Event		Location of Event	Source of funding	Outstanding Participants
			From	To			

		Intern ational (Semin ar / Confer ence / Works hop)					
1	Cisco India confere nce 2017		6 Feb. , 201 7	7 Feb , 201 7	Raddi sion blue Noida	CISCO	Mr. Sandy Walsh Director, Social Innovation Group Cisco Mr. Omar Shaban Director Global Operations Cisco Networking Academy Mr. Murugan Vasudevan Regional Manager Social Innovation Group, South Asia Mr. Anuradha Sharma Program Manager Social Innovation Group, India 12 Outstanding Participants
2	Internat ional Confer ence on “Reliab ility, Infoco m Techno logies & Optimi zation” (ICRIT O 2016)	Intern ationa l Confe rence	7th Sept emb er, 201 6	9th Sep tem ber, 201 6	Amity Unive rsity	Pepsico, ISRO, Divsar, DASH, Intecttoo ls, VTM, OPAXA , 9 to 9 MARCI TO	Prof. A.K Verma, University College (Hongskolen), Haugesand, Norway Prof. Shigeru Yamada, Dept. of Social Management Engineering, Graduate School of Engineering, Tottori University, Tottori-shi, Japan Dr. Yoshinobu Tamura, Associate Professor, Graduate School of Science and Engineering, Yamaguchi University, Japan Dr. Shinji Inoue, Dept. of Social Management Engineering, Graduate School of Engineering, Tottori University, Tottori-shi, Japan
2	Worksh op on AWSome (With Amazo n)	Natio nal Work shop	19th Janu ary, 201 6	19th Jan uar y, 201 6	Spons ored by Amaz on	Amazon)	Mr. Krishnan Kannan Mr. Amit Sharma Mr. Devendra Singh Mr. Mayank Raja Mr. Digbijoy Shukla
3	Open Source Techno	Natio nal Work	4th Jan ,201	8th Jan ,20	Amity Unive rsity	NITTR	Dr A. Shivnathanu Pillai, Hon’ Distinguished Prof DRDO and Former Chief

	logy (Suppo rted By NITTT R)	shop	6	16			Controller(R&D)DRDO, Founder, BRAHMOS Aerospace Dr. Lini Mathew, Associate Professor, Electrical Engineering Department, NITTTR Mrs. Shimi. S.L, Assistant Professor, Electrical Engineering Department, NITTTR Dr Vijay Nehra, B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat, Haryana Dr. Satvir Singh Sidhu, Associate Professor & Head, Department of ECE, SBS State Technical Campus, Ferozepur Mr.Tejinder Kumar Devgon ,Physical Science Department , IISER Mohali Dr A. K. Rao Dr Gaurav Kumar
4	Cisco Networ king and Instruct or Retooli ng Confer ence	Natio nal Confe rence	23 Nov , 201 5	24 No v, 201 5	Amity Unive rsity	Sponsor ed by CISCO	Ananth BS, Team Manager, Cisco Anuradha, Program Magager, Social Innovation Group, Cisco Systems Mr. Yogesh Pandey, Cisco Systems INC. Mr. Vivek Srivastava, Cisco Systems INC. Mr. Sreevalsan M., Head ICTS, Amrita Vishwa Vidyapeetham Mr. Shailesh Jadhav, ITC CRISP Bhopal
5	Internat ional Confer ence on Cyber Law, Cyber Crime & Cyber Securit y (Aca demic Partner	Intern ationa l Confe rence	19th Nov , 201 5	19th No v, 201 5	India Intern ationa l Centr e 40, Max Muell er Marg New Delhi – 11000	Amity and many more	Pradeep Gupta, Chairman CyberMedia Group Dr. Stuart Macdonald, Associate Professor in Law at Swansea University (UK) Dr. Dayanath Jayasuriya,Senior state counsel to the attorney- general in Sri Lanka and Director-General, Securities and Exchange Commission and the Insurance Board of Sri Lanka Asoke Kumar Mukerji, Permanent Representative of

)				3		<p>India to the United Nations Chuan-Wei Hoo, CISSP, BCCE, CFE, CISA Technical Advisor, Asia-Pacific, (ISC)² SINGAPORE</p> <p>Prof. (Dr.) Purvi Pokhariyal, Director and Dean, Institute of Law Nirma University Rajat Mukarji, Chief Corporate Affairs Officer at Idea Cellular Ltd.</p> <p>David Aylor, Attorney, David Aylor Law Offices Esther George, lead cybercrime consultant for the Global Prosecutors E-Crime Network (GPEN)</p> <p>Irene Kafeza, Assistant Professor, NALSAR Jennifer Byrne, Chief Security Officer, Microsoft Worldwide Public Sector Prof. Mark Brennan, UNESCO Chair for Rural Community, Leadership, and Youth Development</p> <p>Pavan Duggal, Advocate Supreme Court of India & President Cyberlaws.Net Prof. Solange Ghernaouti, professor at the University of Lausanne (UNIL)</p> <p>Ram Narain, Deputy Director General (International Relations) at Department of Telecom, Government of India Rajan Raj Pant, Chairman, ITSERT-NP</p> <p>Sizwe Snail, Attorney & International co-ordinator ACCP</p>
6	Hybrid Cross Platform Mobile Application Development	National Workshop	15th Oct, 2015	15th Oct, 2015	Amity University	Amity University	<p>Mr. Abhishek Saxena, Corporate Trainer, CMC Noida</p>

7	International Conference on “Reliability, Information Technologies & Optimization” (ICRITO 2015)	International Conference	2 Sep, 2015	4 Sep, 2015	sponsored by CSI, IEEE, Daffodil International University, Cyborg Cyber Forensics and Information security Pvt Limited, Global Institute for IT Management, sponsored by ISRO and Minitab	MINITAB	<p>Prof. Longbing Cao, Professor, Faculty of Engineering and IT, Director, Advanced Analytics Institute, University of Technology Sydney, Australia</p> <p>Dr. Xiaoyuan Su, Founder & CEO, Chinese Radio Seattle, Senior member of IEEE</p> <p>Prof. Syed Akhter Hossain, PhD, Head, Department of CSE/CS/CIS, Daffodil International University, Dhanmondi, Dhaka</p> <p>Mohd Helmy Abd Wahab, Embedded Computing System Research Group, Faculty of Electrical and Electronic Engineering, University Tun Hussein Onn Malaysia, Johor, Malaysia</p> <p>Prof. Shigeru Yamada, Dept. of Social Management Engineering, Graduate School of Engineering, Tottori University, Tottori-shi, Japan</p> <p>Dr. Zaki Qureshey, Founder & C.E.O, E2Labs Information Security Pvt. Ltd.,</p> <p>Dr. Sanjay Misra, Prof of Computer Engineering, Prof in Department of Computer and Information Sciences, Covenant University, Nigeria</p> <p>Dr. Dilip Kumar Sharma, Associate Professor-Dept. of, Computer Engineering & Applications, GLA University, Mathura</p> <p>Prof. S N Singh, Professor, Department of Electrical Engineering, IIT Kanpur</p> <p>Dr. P. Bhattacharjee, Scientist ‘G’, Technology Director, R&QA, DRDL, Hyderabad</p> <p>Dr. Yoshinobu Tamura, Associate Professor, Graduate School of Science and Engineering, Yamaguchi University, Japan</p> <p>Prof. Pao-Ann</p>
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							<p>Hsiung, Professor, Dept. Chair, and Vice Dean, Department of Computer Science and Information Engineering, National Chung Cheng University, Chiayi, Taiwan</p> <p>Mr. Bimal K Kesh, Sr. Statistician & Training Manager, Cubic Quality</p> <p>Dr. Ashwani Kush, Head, Department of Computer Science, University College, Kurukshetra, India</p> <p>Dr. R. Muthukumar, Scientist 'F' / Director Grade, Centre For Reliability, Govt. of India, Chennai</p> <p>Dr. D Damodaran, Scientist 'F' / Director Grade, Centre For Reliability, Govt. of India, Chennai</p>
8	Awareness of Intellectual Property Rights (Supported by DIETY)	National Workshop	25th June, 2015	26th June, 2015	Amity University	DIETY	<p>Dr. A. K. Garg, Director, Patent & IPR Division, R&D (IT) Group, Ministry of Communications & Information Technology, Government of India</p> <p>Mr. Pavan Duggal, Advocate, Supreme Court of India</p> <p>Dr. Ompal Singh, Assistant Director, IPR, Ministry of MSME</p> <p>Mr. Debjyoti Sarkar, Advocate & Trademark Practitioner, S. Majumdar & Co - Patent and Trade Mark Attorneys</p> <p>Dr. R. Saha, Ex. Advisor to DST, Government of India</p> <p>Ms. Ankita Tyagi, Patent Engineer, Innovation & IPR division, DeitY</p>
9	Machine Learning and Soft Computing Techniques	National Workshop	28th May, 2015	29th May, 2015	Amity University	Amity University	<p>Dr. V. P. Vishwakarma, USCIT, IP University</p> <p>Dr. Biplav Srivastava, Senior Researcher, IBM Research Labs</p> <p>Dr Lipika Dey, Principal Scientist, TCS Innovation Labs</p> <p>Prof. Afshar Alam, Jamia Hamdard University</p>

10	MS Project	National Workshop	19th March, 2015	19th March, 2015	Amity University	Amity University	Mr. Saroj Patnaik, General Manager (Testing COE), FISERV India PVT. LTD
11	Configuring CISCO Unified Communications Manager Express System (CUCME) for Site-to-Site IP Telephony Service	National Workshop	4th March, 2015	4th March, 2015	Amity University	Sponsored by CISCO	Md. Manirul Islam, Director, Continuing Education Centre & Network Operation Centre, American International University, Bangladesh
12	17th International Conference on Computer & Information Technology (ICCIT) 2014 (Academic Partner)	International Conference	22 Dec, 2014	23 Dec, 2014	Dhaka, Bangladesh	Sponsored by Daffodil International University Asulia Model Town Asulia Dhaka, Bangladesh	Professor Matthew Turk, Computer Science Department Media Arts and Technology Program University of California, Santa Barbara, USA Professor Hongnian Yu, Professor Faculty of Science and Technology Bournemouth University, UK Professor Tarek M. Sobh, Senior Vice President of Graduate Studies and Research Dean, School of Engineering Distinguished Professor of Engineering and Computer Science School of Engineering University of Bridgeport, USA Prof. Dr. Muhammad H. Rashid, Fellow IET (UK), Life Fellow IEEE (USA) Department of Electrical and Computer Engineering University of West Florida 11000 University Parkway Pensacola, Florida 32514-5754,

							<p>USA</p> <p>Professor (Dr.) Balvinder Shukla, Vice Chancellor, Amity University, Noida, Delhi, India</p> <p>Professor Sunil Kumar Khatri, Director, Amity Institute of Information Technology (AIIT) Amity University, Noida, Delhi, India</p> <p>Dr. Anis Haque, Senior Lecturer Department of Electrical and Computer Engineering University of Calgary, Canada</p> <p>Chairman, Association for the Advancement of Science and Engg. Education</p> <p>Dr. Ikuhisa Mitsugami, Assistant Professor The Institute of Scientific and Industrial Research, Osaka University</p> <p>Doctor of Engineering Intelligent Media Systems, Computer Science, Graduate School of Information Science and Technology, Osaka University</p> <p>Dr. Emdad Ahmed, Assistant Professor Department of Computer Science Winona State University, USA</p> <p>Professor Dr. Md.Golam Rahman, Pro-Vice Chancellor Daffodil International University Bangladesh</p> <p>Professor Dr. Mohammad Shorifuddin, Jahangirnagar University Bangladesh</p>
13	Cisco India Networking Academy Conference & IPV6 Fundamentals Worksh	Natio nal Confe rence	20 Nov , 201 4	21 No v, 201 4	Amity Unive rsity	Sponsor ed by CISCO	<p>Ananth BS, Team Manager, Cisco</p> <p>Anuradha, Program Magager, Social Innovation Group, Cisco Systems</p> <p>Sreevalsan M., Head ICTS, Amrita Vishwa Vidyapeetham</p>

	op 2014						
1 4	Internat ional Confer ence on “Reliab ility, Infoco m Techno logies & Optimi zation” (ICRIT O 2014)	Intern ationa l Confe rence	8 Oct, 201 4	10 Oct , 201 4	Amity Unive rsity	Sponsor ed by Minitab, IEEE, CSI, Project Manage ment Institute	<p>Prof. Hoang Pham, Distinguished Professor Department of Industrial and Systems Engineering Rutgers University, Piscataway, NJ, USA</p> <p>Prof. Abdenmour El Rhalibi, Professor of Entertainment Computing, Head of Strategic Projects school of Computing and Mathematical Sciences James Parsons Building Byron Street, Liverpool, UK</p> <p>Prof. Paolo Ciancarini, Member, IFIP TC14 Entertainment Computing Alma Mater Studiorum, Universita` di Bologna, Italy</p> <p>Prof. P.K. Kapur, Amity International Business School, Amity University Uttar Pradesh Noida, India</p> <p>Prof. Shigeru Yamada, Dept. of Social Management Engineering, Graduate School of Engineering Tottori University, Tottori-shi, Japan</p> <p>Prof. Yoshinobu Tamura, Graduate School of Science and Engineering, Yamaguchi University, Japan</p> <p>Prof. K. Muralidharan, Director, Population Research Centre, MS University of Baroda, Vadodara, India</p> <p>Prof. Durgesh Mishra, Professor and Head (CSE), Sri Aurobindo Institute of Technology, Indore, India</p> <p>Visiting Professor, Indian Institute of Technology, Indore, India</p> <p>Dr. C. K. Jaggi, Associate Professor, Department of</p>

						<p>Operational Research, University of Delhi, Delhi, India</p> <p>Prof. Pao-Ann Hsiung, Professor and Department Chair Department of Computer Science and Information Engineering National Chung Chang University, Chiayi, Taiwan</p> <p>Dr. Aladdin Ayesh, Reader in Artificial Intelligence Faculty of Technology Erasmus Coordinator De Montfort University, Faculty of Technology The Gateway, Leicester, UK</p> <p>Prof. M U Bokhari, Chairman, Department of Computer Science, Aligarh Muslim University, Aligarh, India</p> <p>Dr. Ashwani Kush, Head, Department of Computer Science, University College, Kurukshetra, India</p> <p>Prof. Brijesh Kumar, Director, Lingaya's GVKs Institute of Management & Technology, Faridabad</p> <p>Mr. Anuj Agarwal, Director, Aditi Business Solution and HealthSewak.com Chairman, Chairman, CSI Noida Chapter</p> <p>Mr. Bimal K Kesh, Sr. Statistician & Training, Manager Cubic Quality</p> <p>Dr. J S Sodhi, CIO - Amity Group and Director - CCFI</p> <p>Mr. S D Mishra, DCP - EOW, Delhi Police</p> <p>Dr. Zahid Hussain Khan, Honorary Advisor, FTK Center for IT, JMI, New Delhi</p> <p>Mr. S P Arya, CIO - Amtek and President CIOs of India</p> <p>Mr. Vinayak Godse, Director - DSI, New Delhi</p> <p>Mr. Deepak Sahu, Founder and MD, Kalinga Digital Media Pvt. Ltd</p>
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							Mr. Manoj K Gupta, President and CEO PMI North India Chapter, New Delhi, India
15	Information Security	National Workshop	18th Sep, 2014	18th Sep, 2014	Amity University	Amity University	M/s Appin Technology Lab, Noida
16	Three days FDP on “Recent Trends in Software Engineering and its Applications”	FDP	19 Feb, 2014	21 Feb, 2014	Amity University	Amity University	Ms. Suchitra Rautela Joshi, Executive Director, BizQ Solutions, Gurgaon. Dr.K.K Upadhyay, Head-CSR,FICCI Aditya Birla CSR Centre for Excellence, New Delhi. Mr. Salman Zafar, Founder-EcoMENA, New Delhi. Attended by 32 faculty members.
17	Three Days FDP on Value of Sustainability and its Relevance to IT – Managing Green IT projects	FDP	21 Jan, 2014	23 Jan, 2014	Amity University	Amity University	Ms. Suchitra Rautela Joshi, Executive Director, BizQ Solutions, Gurgaon. Dr.K.K Upadhyay, Head-CSR,FICCI Aditya Birla CSR Centre for Excellence, New Delhi. Mr. Salman Zafar, Founder-EcoMENA, New Delhi. Attended by 32 faculty members.
18	Three days FDP on “Recent Trends in	FDP	19 Feb, 2014	21 Feb, 2014	Amity University	Amity University	Ms. Suchitra Rautela Joshi, Executive Director, BizQ Solutions, Gurgaon. Dr.K.K Upadhyay, Head-CSR,FICCI Aditya Birla CSR Centre for Excellence, New Delhi. Mr. Salman Zafar,

	Software Engineering and its Applications”						Founder-EcoMENA, New Delhi. Attended by 32 faculty members.
19	Three Days FDP on Value of Sustainability and its Relevance to IT – Managing Green IT projects	FDP	21 Jan, 2014	23 Jan, 2014	Amity University	Amity University	Ms. Suchitra Rautela Joshi, Executive Director, BizQ Solutions, Gurgaon. Dr.K.K Upadhyay, Head-CSR,FICCI Aditya Birla CSR Centre for Excellence, New Delhi. Mr. Salman Zafar, Founder-EcoMENA, New Delhi. Attended by 32 faculty members.
20	FDP on Emerging Technologies	FDP	28th Nov, 2013	28th Nov, 2013	Amity University	Amity University	Dr. Syed Akhther Hossain, Professor and Head, Department of CS/CIS/CSE, Faculty of Science & Information Technology, Daffodil International University Attended by 54 faculty members.
20	Cisco India Networking Academy Conference & IPV6 Fundamentals Workshop 2013 on 13th September,	National Conference	13th September, 2013	13th September, 2013	Amity University	Sponsored by CISCO	Markus Schwertel ,Senior Manager Social Innovation Group, Asia Pacific Cisco Ananth BS, Team Manager, Cisco Anuradha, Program Manager, Social Innovation Group, Cisco Systems Sreevalsan M., Head ICTS, Amrita Vishwa Vidyapeetham

	2013.						
21	Three Days FDP on Artificial Intelligence and Its Applications •	FDP	5 June , 2013	7 June, 2013	Amity University	AIIT in association with AASC	<p>Prof. K.K. Biswas, Department of Computer Science & Engineering, IIT Delhi</p> <p>Prof. K.Mustafa, Department of Computer Science, Jamia Millia(Central University),New Delhi.</p> <p>Dr. Devendra Tayal, Head,Department of Computer Science & Engg.,, Indira Gandhi Delhi Technical University for Women, New Delhi.</p> <p>Prof. Santanu Chaudhary, Department of Electrical Engineering, Dean of Undergraduate Studies, I.I.T Delhi.</p> <p>Dr. Lipika Dey, Principal Scientist, Innovation Labs, Tata Consultancy Services Limited</p> <p>Attended by 77 faculty members.</p>
22	Embedded Robotics (National level)	National Workshop	23rd March, 2013	23rd March, 2013	Amity University	Amity University	Mr. Jatin Sehgal, Mr. Avinash, Appin Technology, Noida
23	Cloud Computing (National level)	National Workshop	22nd March, 2013	22nd March, 2013	Amity University	Amity University	Mr. Jatin Sehgal, Mr. Avinash, Appin Technology, Noida
24	Ethical Hacking and IT	National Workshop	21nd March,	21nd March,	Amity University	National	Mr. Jatin Sehgal, Mr. Avinash, Appin Technology, Noida

	Security (National level)		2013	2013			
25	International Conference on "Reliability, Information Technologies & Optimization" (ICRITO 2013)	Conference	29 Jan, 2013	31 Jan, 2013	Amity University	Sponsored by Defence Research & Development Organization (DRDO) Infosys Excellence Publishing House (EPH)	<p>Mr. Satish Babu, President, Computer Society India (CSI), India</p> <p>Prof. Longbing Cao, Director, Advanced Analytics Institute, University of Technology Sydney, Australia</p> <p>Prof. Alok Misra, Department of Computer & Software Engineering, Atilim University, Ankara - Turkey, Adjunct Professor - Information System Management, Universitas 21 Global Singapore, Head of School, School of Computing, Information & Mathematical Sciences, University of the South Pacific</p> <p>Prof. William Zhu, Minjiang Chair Professor, Director, Key Lab of Granular Computing, Zhangzhou Normal University, China</p> <p>Prof. P.K. Kapur, Amity International Business School, Amity University Uttar Pradesh Noida, India</p> <p>Prof. Shigeru Yamada, Dept. of Social Management Engineering, Graduate School of Engineering Tottori University, Tottori-shi, Japan</p> <p>Prof. Rattan K. Datta, CEO & MD, MERIT, Delhi, India Past President, CSI</p> <p>Dr. P.K. Jain, Dy. Director, Satellite Communication Programmes, SCNP, ISRO Headquarters, Bangalore</p> <p>Prof. Yoshinobu Tamura, Graduate School of Science and Engineering, Yamaguchi University, Japan</p> <p>Prof. K. Muralidharan, Director, Population Research</p>

							<p>Centre, MS University of Baroda, Vadodara, India</p> <p>Prof. Durgesh Mishra, Professor and Head (CSE), Sri Aurobindo Institute of Technology, Indore, India</p> <p>Visiting Professor, Indian Institute of Technology, Indore, India</p> <p>Dr. C. K. Jaggi, Associate Professor, Department of Operational Research, University of Delhi, Delhi, India</p> <p>Sh. Talwant Singh, Addl. District & Sessions Judge, Delhi (India)</p> <p>Sh. Pawan Duggal, Advocate, Supreme Court of India. President, Cyberlaws, net</p> <p>Dr. Anup Girdhar, CEO, Founder, Sedulity Solutions & Technologies, Editor-in-Chief, Cyber Times Cyber Crime Investigator</p> <p>Sh. Vivek Gupta, Associate Vice-President, Steria India Ltd., Noida, India</p> <p>Mr. Ajay Malik, Project Services Leader, Delhi Regional Delivery Center, IBM India</p>
26	Five Days FDP on Project Management conducted	FDP	19 Nov, 2012	23 Nov, 2012	Amity University	AIIT in Association with AASC & PMI •	<p>Mr. Vivek Shally, Head of Education Initiatives, PMI</p> <p>Mr. Manoj Gupta, President, PMI North India Chapter</p> <p>Ms. Ananya Das, PMP®</p> <p>Mr. Vineet Sardana, PMP®</p> <p>Mr. Pratyush Akhauri, PMP®</p>
27	How to Lead Stress Free Life	National Workshop	9th Oct, 2012	9th Oct, 2012	Amity University	Amity University	Dr. Anil Sethi, Founder & CEO of G.K. Group.

28	Enterprise Resource Planning	National Workshop	18th Aug, 2012	18th Aug, 2012	Amity University	Amity University	Mr. Kapil Gupta, Director & Practice Head – ERP, Nagarro Inc., Mr. Alok Modi, Regional Manager (A/P) ERP Developments,, Knorr-Bremse
29	Dataware Housing & Business Intelligence	National Workshop	15th Sep, 2012	15th Sep, 2012	Amity University	Amity University	Mr. Arun Chaudhary Managing Consultant, Lunexa LLC

31. Code of ethics for research followed by the departments:

Response: Following guidelines are followed for research (available in University website)

6. G-53 University Research Policy Guidelines
7. G-58 Policy Guidelines for Publication and Presentation of Research at Symposia/ Meetings/ Conferences

University Research Policy Guidelines and Policy Guidelines for Publication and Presentation of Research at Symposia/ Meetings/ Conferences

Research is covered under program objectives at various levels of UG/PG/Doctoral programs of the university. Research publications are also among major outcomes of the academic programs at various levels. In order to get best research outcome, research and publication policy guidelines are well define uniformly for all the academics programs in student hand book for UG/PG/Doctorial students, in addition to this manual for regulations for research degree programmes (M.Phil, Ph.D. & Post-Doctoral Programmes) is also provided by the university.

University always firm on the ethical policy & guidelines against plagiarism in research, presentation of research work at Symposia/Meetings/Conferences. Plagiarism in research publication is strictly prohibited at all levels of research and control through the use of plagiarism detection software like TURNITIN etc. Research papers, student's projects, seminar papers and conference papers written by students and also by faculty members are checked for plagiarism.

Research work at Doctoral /Post-Doctoral are also been monitored to maintain high value at Institution and University level through Student Research committee (SRC) , Department Research Committee (DRC) and University Research Committee (URC).

32. Student profile programme-wise:

Response: Following are the details of Student profile programme-wise

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

(refer to question no. 4)					
BCA	755	273	98	73.33	90.91
B.Sc.(IT)	346	129	47	87.80	100.00
BCA(E)	38	20	1	100.00	100.00
MCA	163	44	17	85.7	72.7
MCA(Lateral)	28	11	04	46.2	80
M.Sc.(NT&M)	36	15	3	77.78	NA

33. **Diversity of students:**

Response: Following are the details of Diversity of Students:

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities/institutions within the State	% of students from universities/institutions outside the State	% of students from other countries
BCA	NA	21.12	77.02	1.86
B.Sc.(IT)	NA	20.7	70.7	8.5
BCA(E)	NA	29.41	70.59	0
MCA	7.41	0	81.48	3.7
MCA(Lateral)	71.43	14.29	14.29	0
M.Sc.(NT&M)	50.00	30.0	20.00	0

34. **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise :**

Response: One student each has cleared CAT & MAT

35. **Student progression:**

Response: Following are the Student Progression details:

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	41%	68.2%	63.7%	62.3%	57%
PG to M.Phil.	NA	NA	NA	NA	NA
PG to Ph.D.	1%	1%	Nil	Nil	Nil

Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	Nil
Employed	30.4%	22.8%	28.8%	28.3%	17.5%
<input type="checkbox"/> Campus selection	13%	1.3%	0%	0%	0%
<input type="checkbox"/> Other than campus recruitment					
Entrepreneurs	8.7%	2.5%	3.0%	4.7%	5.3%
Self-Employment	5.9%	5.2%	4.5%	4.7%	20.2%

36. **Diversity of staff**

Response: Following is the Diversity of Staff:

Percentage of faculty who are graduates	2016
of the same university	2.78
from other universities within the State	13.89
from universities from other States from	80.56
universities outside the country	2.78

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**

Response: Following is the count of faculties awarded with Ph.D.:

2012	2013	2014	2015	2016
2	3	3	1	4

38. **Present details of departmental infrastructural facilities with regard to**

Response: Following are the details of library, internet facilities, class rooms and laboratories:

Library	Students are provided the facility of Central Library Total No of Titles: 822 Total volumes of Books: 4001 No of IT Magazines/Journals: 04 IT E- Journals: 1069
Internet facilities for staff and students	WIFI 300Mbps to 500Mbps LAN 1.2 Gbps
Total number of class rooms	11
Class rooms with ICT facility	Available in all rooms
Students' laboratories	04
Research laboratories	01

University is providing central library facility to the institutions. AIIT has sufficient numbers of titles, books, journals and magazines facilities in central library.
 All the class rooms of the department are equipped with ICT facilities and the institute have both wired and WIFI internet facilities.

39. List of doctoral, post-doctoral students and Research Associates:

Response: Following is the count of doctoral:

from the host institution/university	01
from other institutions/universities	66

Institution is running full time and part time Ph.D (IT) programme for the research scholars. Following are the details of Ph.D scholars:

FT=FULL TIME and PT=PART TIME(Doctoral Students)

2012		2013		2014		2015		2016		Total	
FT	PT	FT	PT	FT	PT	F T	PT	FT	PT	F T	P T
---	02	---	05	01	14	04	29	---	12	05	62

40. Number of post graduate students getting financial assistance from the university.

Response:

University is providing admission merit scholarship, merit scholarship during the programme, merit cum means scholarship and social welfare for SC and OBC category students.

Following are the details of scholarship amount received by the students of our institute:

Type of Scholarship or other financial assistance	Number of PG students	Scholarship Amount (PG students) (Figures in INR)
Admission Merit Scholarship'	2012-13 - Nil 2013-14 - Nil 2014-15 - Nil 2015-16 - 02	2012-13 - Nil 2013-14 - Nil 2014-15 - Nil 2015-16 - 2,71,500/-
Merit Scholarship During The Programme	2012-13 - 04 2013-14 - 04 2014-15 - 03 2015-16 - 02	2012-13 - 1,84,800/- 2013-14 - 1,72,950/- 2014-15 - 1,33,800/- 2015-16 - 1,08,600/-

Merit Cum Means Scholarship'	2012-13 - Nil 2013-14 - 02 2014-15 - Nil 2015-16 - Nil	2012-13 - Nil 2013-14 - 61,125/- 2014-15 - Nil 2015-16 - Nil
Scholarships (Social Welfare For OBC + SC Category Students)	2012-13 - 06 2013-14 - 06 2014-15 - 06 2015-16 - Nil	2012-13 - 2,33,000/- 2013-14 - 2,33,000/- 2014-15 - 2,33,000/- 2015-16 - Nil

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response: Data is collected through the following process for the New Program Development:

1. Industry Demands
2. Feedback from Industry
3. Government Policy and
4. Employability of student

Data is then analysed to find the demand and gap analysis before development of New Program Development.

42. **Does the department obtain feedback from:**

Response: Following are the feedback taken:

a	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, feedback is obtained from the faculty on curriculum as well as teaching learning-evaluation. Meeting of CRC is called by Chief Course Coordinator, Curriculum and learning-evaluation methods are discussed and changes suggested by course faculty are compiled for proposing final changes. Final feedback is used for curriculum and teaching learning-evaluation updation through Area Advisor Borad and then Board of Studies.
b	Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, Student feedback is taken on staff, curriculum and teaching learning-evaluation through CR's in CR meeting, Online feedback twice in a semester, one post commencement and second pre-exam, once in a semester by each course faculty, Exit-Survey at the time of completion of program (Final Semester). Department utilizes the feedback for following 1. Revision of Curriculum and teaching learning evaluation. 2. Streamlining administration process.

		3. Proposing new courses.
c	Alumni and employers on the programmes offered and how does the department utilize the feedback?	<p>Yes, Feedback is taken through Alumni Survey and Employer Feedback.</p> <p>Feedback is used by institute Program Review Committee for the following:</p> <ol style="list-style-type: none"> 1. Revision of Curriculum and teaching learning-evaluation. 2. Streamlining administrative process. 3. Design new course curriculum and programme.

43. **List the distinguished alumni of the department (maximum 10):**

Response: Following are the details of distinguished alumni of department:

#	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
1	Mr Saurabh Gupta	MCA	2010-2013	Bootstrap Startup (India's Top online shopping Community) (Alexa 800)	Co-founder / Chief Operating Officer Webbyte Technologies (Mytokri.com)
2	Mr Sudeep Gupta	B.Sc (IT)	2004-2007	Co - Founder & Entrepreneur at Cafe Buddy's Foods Pvt. Ltd.	Co - Founder & Entrepreneur
3	Anurag Mittal	MCA	2010-2013	TechStreet Solutions Pvt. Ltd.	Managing Director
4	Mr Riteek Arora	MCA	2009-2012	Entrepreneur at Transverse Solutions.	Managing Director
5	Yugant Manav	MCA	2006-09	Xerox	Team Lead
6	Ms Arti Pandey	BCA	2007-10	ETOS	Senior software Engineer
7	Mr. Amit Sarma	MCA	2007-10	Cyber group	Senior software Manager
8	Mr Ashutosh	MCA	2009-12	Accenture	Software Engineer
9	Mr. Dhruv Kumar	M.Sc(NT&M)	2008-10	Intelligent communication Systems India Ltd	Network Engineer

10	Naina Talwar	MCA	2010-2013	Genpact Headstrong Capital Market, sec-59 noida	Technical Associate
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44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

AIIT organised various 86 guest lectures, 15 workshops and training by eminent speakers from industry/academia for the students and faculty. Following are glimpse of guest lectures:

Date of Event	Topic	Speakers
26th December 2016	Managing Cyber Security Risk in a Regulated Environment	Ms. Vijay Laxmi, Sr. IT Architect, Bio Gen Inc. Boston USA
23rd December 2016	Big Data and Hadoop	Mr. Rajinder Kumar Chitoria, Project Director, Headstart Education
6th December 2016	Network of Things	Prof. San Murugesan, Adjunct Professor, Western Sydney University, Australia
28th October 2016	Network Design Approach and Challenges	Mr. Sayed A. Masood, Lead Network Engineer, Adobe
21st October 2016	Project Management	Dr. Anurag Awasthi, CEO, CAMPCOP, New Delhi
18th October 2016	Hacking Database	Mr. Arpit Maheshwari, Co-Founder, Shree Tech Solutions, New Delhi
14th October 2016	Requirement Engineering for Software Development	Ms. Rajni Bala Gridhar, Infrastructure Service Manager, Steria India Ltd., Noida
30th September 2016	SAP Implementation and Project Management	Mr. Vikas Jha, Australia, Program Director - IT Transition & Transformation at AGL Energy, Melbourne
28th September 2016	Changing Dynamics in IT	Ms. Anshu Bansal, Project Manager, Xavient Information Systems, Noida
7th September 2016	An Introduction to Big Data and Data Analytics in the Enterprise Applications Space	Mr. Abhishek Sikder, Head of Big Data and data analytics at United Health Group

31st August 2016	Emerging Challenges in Cyber Security	Mr. Neeraj Aarora , Sr. Advocate (Cyber Crime) Supreme Court of India
30th August 2016	Anatomy of Agile	Mr. Manu Agarwal, Group Technical Manager, Agile CoE, HCL Tech
26th August 2016	Internet of Things	Mr. Amitabh Verma, Manager Product Development, Zimbra Technology India, Noida
24th August 2016	Oracle RDBMS	Mr. Abhishek Verma, Sr. Analyst, M/s HCL Technology, Noida
16th August 2016	Introduction to Software Project Management	Ms. Varsha Bhatia Deb, Associate Vice President, Sopra Steria (India) Ltd.
11th August 2016	Information Security Awareness and Prospective Career Opportunities	Mr. Tusnin Das, General Manager, Times Internet Division, Times of India, Noida Area, India
7th April, 2016	Agile Networking-Process, Scrum Artifacts, Scaling Scrum	Mr. Shailendra Yadav, Vice President, Delivery Product R&D Professional Services FIS CLEAR2PAY INDIA (AN FIS COMPANY)
19th July, 2012	New Research Horizons in the field of ICT	Prof (Dr.) Dinesh K Sharma, Professor of Quantitative Methods and Computer Applications, Department of Business, Management and Accounting, Maryland University, U.S.A
17th March, 2016	The Role of Modern Enterprise Resource Planning Systems in the present day Multinational Conglomerate Ecosystem.	Mr. Dinesh Kumar Sharma, Head SAP and Internet Applications, Sistema Shyam Teleservices Ltd. MTS India, Corporate Head Quarters
13th August, 2015	Paradigm Shift in Software Development Approach	Mr. Amit Srivastava, Group Project Manager, HCL, Noida.
12th February, 2016	Information Retrieval Modelling	Dr. Dilip Kumar Sharma, Professor, Department of Computer Engineering & Applications, GLA University, Mathura, U.P. India & Secretary, IEEE UP section & Chairman CSI Mathura Chapter
20th March, 2012	Future Networking	Mr. Jagan Jothivel, Education Program Manager, India & SAARC, CISCO System India (Pvt) Ltd.
7th October, 2015	Entrepreneurship	Ms. Pallavi Thakral, Marketing & E-commerce Manager, Apple .
4th March, 2015	IT Service Management	Mr. Amit Aggarwal, Manager, Adobe System India Pvt. Ltd., Noida

8th April, 2016	Quality and Six Sigma	Dr. K. Muralidharan, Head, Department of Statistics, Faculty of Science and Director of Population Research Centre, M S University of Baroda, Vadodara
7th April, 2016	Agile Networking-Process, Scrum Artifacts, Scaling Scrum"	Mr. Shailendra Yadav, Vice President, Delivery Product R&D Professional Services
5th April, 2016	Incorporating Intelligence and Reliability to Existing Designs	Mr. Vinay Chaddha, Founder, GVC Systems Pvt. Ltd.
29th March, 2016	The need for Agility - Process and Beyond	Mr. Srinath Chandrasekharan, Associate General Manager, HCL
17th March, 2016	The Role of Modern Enterprise Resource Planning Systems in the present day Multinational Conglomerate Ecosystem.	Mr. Dinesh Kumar Sharma, Head SAP and Internet Applications, Sistema Shyam Teleservices Ltd. MTS India, Corporate Head Quarters
17th March, 2016	Big Data Analytics with Python	Dr. Mohit Kumar Goel, Principal Scientist InfoEdge India Ltd. (Naukri.com Division)
11th March, 2016	Empathy Towards Society	Mr. Ravi Kalra, Founder and President of "The Earth Saviour Foundation"
1st March, 2016	Sensor Application	Mr. Rohit Kaushal, Software Engineer, Eigen Technologies
12th February, 2016	Information Retrieval Modelling	Dr. Dilip Kumar Sharma, Professor, Department of Computer Engineering & Applications, GLA University, Mathura, U.P. India & Secretary, IEEE UP section & Chairman CSI Mathura Chapter
2nd November, 2015	Digital India Empowering Society	Dr. Anurag Awasthi, Ex. Director of NIET Greater Noida & Director of Camp Corp (Training and Consultancy Organization) .
27th October, 2015	Essential Technologies Primer	Mr. Rakesh Mishra, CEO / Missra Consultancy .

26th October, 2015	Data Warehouse - Loading of Data and BI Reporting	Mr. Yasharth Sharma, IT Principal Consultant, Oracle India Pvt. Ltd.
20th October, 2015	Digital Marketing	Mr. Nick Bathla, Chief Marketing Office, Yo Creations - Canadian Digital Marketing Agency.
8th October, 2015	From Paper to Action: Building a Successful Tech Start Up	Mr. Aayaam Kapoor, Founder & CEO, Coffee & Plans, Gurgaon .
7th October, 2015	Entrepreneurship	Ms. Pallavi Thakral, Marketing & E-commerce Manager, Apple .
1st October, 2015	Oracle and SAP Implementation	Mr. Sanjay Vishwakarma, Senior Manager Genpack, India Limited.
30th September, 2015	Emerging Trends in IT	Mr. Manish Kumar Misra, Associate QA L2, Sapient Consulting Pvt Ltd .
13th August, 2015	Paradigm Shift in Software Development Approach	Mr. Amit Srivastava, Group Project Manager, HCL, Noida.
13th August, 2015	Distributed Application Development	Mr. Amitabh Verma, Manager Product Development Zimbra Technology.
10th August, 2015	Mobility, The Connected World	Mr. Vipul Tuli, Principal Consultant – Enterprises Mobility, Tech Mahindra .
10th April, 2015	Brown Bag Session - Challenges faced by IT Service Industry and Key Strategic Management Skills to win over these	Mr. Amit Srivastava, Group Project Manager, HCL, Noida.
10th April, 2015	Mobile Application Strategies and Tactics	Mr. Ramandeep Bhardwaj, Test Lead, Steria India Ltd.
9th April, 2015	ITIL and Software Project Management	Ms. Rachna Parmar, Kronos Solutions India Pvt Ltd, Noida.

8th April, 2015	“DevOps & Cloud”	Mr. Mosum Gaba , Adobe System India Pvt. Ltd., Noida
8th April, 2015	Trusted Hardware and System Security	Mr. Prabhakar Barua, Lead Consultant, Genpact Headstrong Capital Markets
6th April, 2015	“Project Management Techniques and Data Warehousing”	Ms. Rajni Bala Gridhar, Project Management Techniques and Data Warehousing
31th March, 2015	“Trusted Hardware and System Security”	Dr. Arti Noor , Joint Director, Centre for Development of Advanced Computing(C-DAC), Noida
30th March, 2015	Quality Engineering/Testing Trends	Mr. Mukesh, CEO QA InfoTech Worldwide
27th March, 2015	Mining Software Repository	Dr. V. B. Singh, Associate Professor, DCAC (University of Delhi), Delhi
26th March, 2015	Testing in Agile World of Software Development	Mr. Vijay K. Sharma, Manager, Adobe System India Pvt. Ltd., Noida
25th March, 2015	Big Data with Hadoop and NoSQL Databases	Mr. Amit Kumar, Sr. Systems Analyst, Sopra-Steria India Ltd.
18th March, 2015	Main Memory Database System	Mr. Ekam Preet Singh, Sr. Manager (IT_ABAP) , National Thermal Power Corporation (NTPC)
4th March, 2015	IT Service Management	Mr. Amit Aggarwal, Manager, Adobe System India Pvt. Ltd., Noida
26th February, 2015	Spectrum Issues	Mr. Sanjay Chaudhary, Management Consultant (Technical and Business)
26th February, 2015	IPV6	Mr. Praveen Maheshwari, DGM (Strategy Architecture & Engineering) at Bharti Airtel Limited
25th February, 2015	iBeacon	Mr. Ashish Bansal, Technical Specialist at

2015		
23rd February, 2015	Agile Methodologies: An Industry Perspective	Mr. Sonik Chopra, Manager Product Development, Pitney Bowes Distribute Solutions
16th February, 2015	Six Sigma Green Belt: Industry Perspective	Mr. Amit Kumar Sharma, Sr. Manager, Operation Excellence, Bank of America, Gurgaon
11th February, 2015	Critical Issues In Software Project Management	Dr. H.S. Sharma, DG, JMS Group of Institutions, Member IIE GLC, Director of Companies, President AUM
6th February, 2015	Role of IT in Business Intelligence	Dr. Anuraag Awasthi, Director, Camp Corp (Training and Consulting Organization), Delhi
28th January, 2015	Latest Trends in Technology Globally	Mr. Saurabh Agrawal, Head-Strategy & Delivery (Medalist & Africa)
16th October, 2014	Network Security and Management	Mr. Raj K Raina, Technical Director, NIC
22nd September, 2014	Entrepreneurship Motivation	Prof. Jayaseelan, as an initiative under AIIT E-Cell
19th September, 2014	Latest trends in Telecom and Networks	Mr. C.P. Baliyan, Senior Sub Divisional Engineer
27th August, 2014	Software Reliability Growth Prediction Model – Mandate for QA Projects – Why?	Mr. Saroj Patnaik, General Manager (Testing COE), FISERV India Pvt. Ltd
13th March, 2014	PCODS and its Implementation	Dr. Rakhi Singh, Director and Senior gynecologist and IVF specialist at Abalone Clinic, maternity & fertility and IVF center, SECTOR 41 NOIDA
10th March, 2014	Serve for Humanity	Mr. Ravi Kalra, Founder and the President of The Earth Saviours Foundation

23rd January, 2014	Business Process Reengineering	Mr. Eugene A Rouben, Certified Supply Chain Manager, Noida
20th December, 2013	Emerging Technology – In Memory Data Management	Mr. Ekam Preet Singh, Sr. Manager, NTPC, Noida
19th December, 2013	Generating Test Cases from Use Cases	Dr. Ruchika Malhotra, Asstt. Professor, Delhi Technological University
11th December, 2013	Digital Broadcasting and DTH	Mr. P.S. Rathore, Engineer, AIR, Indore
30th October, 2013	Corporate Social Responsibilities	Dr. Poonam Kumar, Associate Professor, Pearl Academy, Affiliated by Nottingham Trend University (UK)
30th October, 2013	Value of Green IT and the Role of IT Professionals in Integrating Sustainability in IT Projects	Ms. Suchitra Rautela Joshi, Executive Director, BizQ Solutions, Gurgaon.
23rd October, 2013.	IT Service Management – An Emerging Technology	Mr. Amit Aggarwal, Project Manager, Adobe System India Pvt. Ltd.
21st October, 2013	Application Security	Mr. Anil Kumar Jha, Scientist D, National Informatics Centre, New Delhi was invited to deliver a lecture.
17th October, 2013	ERP-Trends & Practices	Mr. Abhijeet Sandil, Founder & CEO, Madhulata Infotech.
17th October, 2013	Trends in Software Testing- 2013 and Beyond	Mr. Saroj Patnaik, General Manager, FISERV India Pvt Ltd, Noida.
14th October, 2013.	Oracle: Tools and Technologies	Mr. Mukesh Kumar, Team Leader for Indiabulls, Gurgaon.
11th October, 2013	Standard Template Library: C++	Mr. Sumit Garg, Project Manager, NEC-HCL

2013.	Language	
1st October, 2013.	Software Quality Assurance Practices and Testing Methodology	Mr. Gopal S Gupta, Senior Manager (Quality Assurance), IBM India.
5th September, 2013.	Software Paradigms	Prof. Alok Mishra, Department of Computer & Software Engineering, Atilim University, Ankara-Turkey
4th March, 2013	Women Health	Dr. Manju Jain Verma, Ph.D. (Ocular Immunology, University of New South Management, Sydney)
19th September, 2012	Gracefully Degradable Embedded System Co-synthesis	Dr. Anil Kumar, Technical Lead, IGATE, USA
28th August, 2012	Impact of Document Forgeries Problem to the Security at National and International Level	Dr. Rajesh Kumar Mishra, Technical Director, NIC
8th August, 2012	PYTHON – Display of Robots	Mr. Atanu Roy, Technical Head, SparkLab Engineering Systems Pvt. Ltd.
19th July, 2012	New Research Horizons in the field of ICT	Prof (Dr.) Dinesh K Sharma, Professor of Quantitative Methods and Computer Applications, Department of Business, Management and Accounting, Maryland University, U.S.A
20th March, 2012	Future Networking	Mr. Jagan Jothivel, Education Program Manager, India & SAARC, CISCO System India (Pvt) Ltd.
23rd February, 2012	Possible Collaboration for Research, Faculty Exchange and Student Exchange	Dr. Jude T. Lubega, Head of Information Technology, College of Computing and Information Sciences, Makerere University, Kampala, Uganda,

a. Details of number of workshops held during last four years :

2012	2013	2014	2015	2016
9	17	8	39	28

Theme and topic wise details :

Date of Event	Theme / Topic	Speakers
19th January, 2016	Workshop on AWSome (With Amazon)	Mr. Krishnan Kannan Mr. Amit Sharma Mr. Devendra Singh Mr. Mayank Raja Mr. Digbijoy Shukla
4th-8th January, 2016	Open Source Technology (Supported By NITTTR)	Dr A. Shivnathanu Pillai, Hon' Distinguished Prof DRDO and Former Chief Controller(R&D)DRDO, Founder, BRAHMOS Aerospace Dr. Lini Mathew, Associate Professor, Electrical Engineering Department, NITTTR Mrs. Shimi. S.L, Assistant Professor, Electrical Engineering Department, NITTTR Dr Vijay Nehra, B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, Haryana Dr. Satvir Singh Sidhu, Associate Professor & Head, Department of ECE, SBS State Technical Campus, Ferozepur Mr. Tejinder Kumar Devgon, Physical Science Department, IISER Mohali Dr A. K. Rao Dr Gaurav Kumar
15th October, 2015	Hybrid Cross Platform Mobile Application Development	Mr. Abhishek Saxena, Corporate Trainer, CMC Noida
25th-26th June, 2015	Awareness of Intellectual Property Rights (Supported by DIETY)	Dr. A. K. Garg, Director, Patent & IPR Division, R&D (IT) Group, Ministry of Communications & Information Technology, Government of India Mr. Pavan Duggal, Advocate, Supreme Court of India

		IPR, Ministry of MSME Mr. Debjyoti Sarkar, Advocate & Trademark Practitioner, S. Majumdar & Co - Patent and Trade Mark Attorneys Dr. R. Saha, Ex. Advisor to DST, Government of India Ms. Ankita Tyagi, Patent Engineer, Innovation & IPR division, DeitY
28th-29th May, 2015	Machine Learning and Soft Computing Techniques	Dr. V. P. Vishwakarma, USCIT, IP University Dr. Biplav Srivastava, Senior Researcher, IBM Research Labs Dr. Lipika Dey, Principal Scientist, TCS Innovation Labs Prof. Afshar Alam, Jamia Hamdard University
19th March, 2015	MS Project	Mr. Saroj Patnaik, General Manager (Testing COE), FISERV India PVT. LTD
4th March, 2015	Configuring CISCO Unified Communications Manager Express System (CUCME) for Site-to-Site IP Telephony Service	Md. Manirul Islam, Director, Continuing Education Centre & Network Operation Centre, American International University, Bangladesh
18th September, 2014	Information Security	M/s Appin Technology Lab, Noida
23rd March, 2013	Embedded Robotics (National level)	Mr. Jatin Sehgal, Mr. Avinash, Appin Technology, Noida
22nd March, 2013	Cloud Computing (National level)	Mr. Jatin Sehgal, Mr. Avinash, Appin Technology, Noida
21st March, 2013	Ethical Hacking and IT Security (National level)	Mr. Jatin Sehgal, Mr. Avinash, Appin Technology, Noida
9th Oct, 2012	How to Lead Stress Free Life	Dr. Anil Sethi, Founder & CEO of G.K. Group.

15th September, 2012	Dataware Housing & Business Intelligence	Mr. Arun Chaudhary Managing Consultant, Lunexa LLC
18th August, 2012	Enterprise Resource Planning	Mr. Kapil Gupta, Director & Practice Head – ERP, Nagarro Inc., Mr. Alok Modi, Regional Manager (A/P) ERP Developments,, Knorr-Bremse

45. List the teaching methods adopted by the faculty for different programmes.

Response: Following are the teaching methods adopted by faculties for different programmes:

1. Lectures
2. Tutorials
3. Practicals
4. Field Based Learning
5. Inquiry Based Learning
6. Lab Based Learning
7. Problem Based Learning
8. Community Service Learning
9. ICT based teaching/ Web based Learning
10. Conduction of Workshop/ Seminars
11. Developing and imparting soft skills/communication skills/personality development courses/module
12. Case Based Learning

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response:

Programme objectives are ensured through direct and indirect assessments. Learning outcomes are monitored by program assessment committee.

1. Programme Educational Outcome Assessment Plan:

S. No	Tool No for Direct Assessment	Target Performance	Tool No for Indirect Assessment	Target Performance
1	UG/CE/ Comprehensive Examination UG/MP/Major Project	80% students shall pass the exam.	UG/SE/ Student Exit Survey	80% students' response range between 4-5 on the Likert Scale in the Student Exit Survey.
2	UG/ MP/Major Project	100% students will undertake and 90% shall complete the same in first attempt.	UG/ FIIG/ Feedback of Industry Internship Guide	The Industry Internship Guide rates the students between 4-5 ranges on the Likert Scale in the feedback.
3	UG/CE/ Comprehensive Examination UG/MP/Major Project	100% students will undertake and 90% shall complete the same in first attempt. 80% students shall pass the exam.	UG/SE/ Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.
4	UG/CE/ Comprehensive Examination	100% students will undertake	UG/SE/ Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the

	UG/MP/Major Project	and 90% shall complete the same in first attempt. 80% students shall pass the exam.		Student Exit Survey
5	UG/CS/ Communication Skills UG/FBL/Foreign Business Language.	80% students shall pass the exam	UG/SE/ Student Exit Survey	80% students' response range between 4-5 on the Likert Scale in the Student Exit Survey.
6	UG/ BS/ Behavioral Science UG/MP/Major Project	80% students should secure a grade of 5 and above on a 10-point scale. 100% students will undertake and 90% shall complete the same in first attempt.	UG/SE/ Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.
7	UG/ BS/ Behavioral Science	80% students should secure a grade of 5 and above on a 10-point scale	UG/SE/ Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.
8	UG/MP/Major Project	100% Students are checked for plagiarism in NTCC report submissions and are allowed to appear for viva-voce upon obtaining plagiarism % below 15%.	UG/FIIG/ Feedback of Industry Internship Guide	The Industry Internship Guide rates the students between 4-5 range on the Likert Scale in the feedback.

9	Assessment Tool-UG/ MP/Major Project	100% students will undertake and 90% shall complete the same in first attempt	UG/SE/ Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.
10	Assessment Tool-UG/ Comprehensive Examination	80% students shall pass the exam.	UG/SA/ Student Exit. UG/AS/ Alumni Survey	80% students response range between 4-5 on the Likert Scale in the Student and Alumni Survey.
11	UG/ Comprehensive Examination	80% students shall pass the exam.	UG/SA/ Student Exit. UG/AS/ Alumni Survey	80% students response range between 4-5 on the Likert Scale in the Student and Alumni Survey.
12	UG/ Comprehensive Examination	80% students shall pass the exam.	UG/SA/ Student Exit. UG/AS/ Alumni Survey	80% students response range between 4-5 on the Likert Scale in the Student and Alumni Survey.

The institution ensures that program objectives are achieved and learning outcomes are measured by use of direct and indirect measures. Student Exit Survey, Alumni Feedback, Industry Feedback and Student Feedback are used to measure the outcomes indirectly. Rubrics, Comprehensive Examinations, Projects, Seminars and Viva-Voce are used to measure learning outcome directly. Each Program Objective is mapped with Learning Outcome; hence by measuring learning outcome, program objective achieved is monitored

Domain Of Engineering And Technology

Rubrics For Assesment Of Mathematical Foundation To Computer Science

Score Sheet: Individual

Mathematical Foundation To Computer Science

Course Objective:

The Objective of this course is to

- Provide the fundamentals and the concepts of Discrete Mathematical Structures with Applications to Computer Sciences including Mathematical Logic.
- Give an insight to fundamental concepts of discrete mathematics with emphasis on their applications to computer science.
- Give overview of the theory of computation..

Pre-requisites: Basic knowledge of Mathematics

Student Learning Outcomes:

After completion of the course, The student will be able to:

- Analyze set Theory and relations and the use of Generating Functions
- Explain the concept of Lattices and Posets.
- Describe Deterministic Finite Automata and Non Deterministic Automata.
- Apply the concepts of Logical Reasoning.
- Apply various algorithmic concepts.
- Apply the concepts of discrete mathematics to solve various computer science problems
- Develop/Synthesize any new mathematical model or function.

Assessment Scale:

PARAMETERS	MARKS
Conceptualize	1
Demonstrate	2
Analyze	3
Applied	4
Innovate	5

SCORING:

Cumulative Scoring:

- ☐ If the student can only conceptualize, he scores 1,
- ☐ If he can conceptualize and also demonstrate, he scores 2,
- If he can conceptualize, demonstrate and analyze, he scores 3,
- ☐ If he can conceptualize, demonstrate, analyze and apply, he scores 4,
- ☐ If he can conceptualize, demonstrate, analyze, apply and innovate, he scores 5.

TOOLS USED FOR ASSESSMENT:

- ☐ Theory Assessment (Mid Term Exam and End Semester Exams)
- ☐ Viva-Voice

COMPOSITION OF ASSESSMENT BOARD

- Subject Teacher
- Program Leader
- Chief-course coordinator

Sr.	Attributes	Conceptualizing	Demonstrate	Analyze	Applied	Innovation or Synthesis
1.	Relations, diagraphs and Discrete Numeric Function	Know the concepts of relations and their representati	Able to represent the relations using	Able to choose best solution	Able to apply some real life situat	Can develop some new mathematical relation and its diagraph

2.	Algebraic Structure	Know various structures like groups, semi-	Show or proof any algebraic structure as group semi-group	Analyze any new algebraic structure	Apply group theory in CS problem like	Can give any new algebraic structure.
3.	Mathematical Logic, Lattices	Know the concept of set theory, mathematical logics, and	Able to solve different problems of mathematical logics.	Able to choose best solution	Able to apply some real life situation	Can develop some new mathematical logic
4.	Regular Expression	Conceptualize concept of DFA, NFA, Various types of Grammar Conversion of NFA	Able to demonstrate various Transition graphs of DFA and NFA and Conversion of NFA to DFA	Can analyze or identify the NFA and DFA and various conversion problem solving and optimization	Can analyze Chomsky Classification to solve any real life problem like	Can develop some new algorithm concepts and how we can convert the transition diagram into algorithm
5.	Non-regular language	Conceptualize the Pumping Lemma, Myhill Nerode Theorem, Pushdown Automata and Introduction to Turing Machine	Able to demonstrate various Myhill Nerode Theorem	Can analyze or identify concept of Turing machine, Pushdown Automata	Can analyze Myhill Nerode Theorem, Pushdown Automata and Introduction to	Can develop some new algorithm concepts and how we can convert the transition diagram into algorithm

Score Sheet: Individual

If the student scores between	Outcome Attainment Levels
<10	Needs improvement
10-15	Satisfactor
15-20	Partly achieved
20-25	Fully achieved

47. **Highlight the participation of students and faculty in extension activities.**

Response:

Participation of faculty & students in extension activities as coordinator & members is given below :

#	Name of Faculty member	Design.	Details of Extension Activity done by faculty member		
			Date of Project / Activity	Location	hours volunteered
1	Dr Naresh Kumar	Asst. Professor	January 2015 for 1000 under privilege students of different Govt. Schools	Gautam Budha Nagar, District U.P	800 Hrs
2	Dr Nitin Pandey	Asst. Professor	January 2015 for 1000 under privilege students of different Govt. Schools	Gautam Budha Nagar, District U.P	700 Hrs
3	Mr. S K Jha	Asst. Professor	January 2015 for 1000 under privilege students of different Govt. Schools	Gautam Budha Nagar, District U.P	300 Hrs
4	Mr. Anil Sajnani	Asst. Professor	January 2015 for 1000 under privilege students of different Govt. Schools	Gautam Budha Nagar, District U.P	300 Hrs
5	Dr. Subhranil Som	Asst. Professor	January 2015 for 1000 under privilege students of different Govt. Schools	Gautam Budha Nagar, District U.P	150Hrs
6	Ms Deepa Gupta	Assistant Professor	Human Outreach	NGO	45 Hour

7	Ms. Monika Sharma	Assistant Professor	Arranging Doctor Visit to NGO Earth Savior Foundation	NGO	30 Hours
8	Ms. Arti Rana	Assistant Professor	Few students visited Gurudwara and performed karseva.	Sector 18, Noida	30 Hours
9	Ms. Monika Sharma	Assistant Professor	Arranged a doctor of Safdarjung Hospital, Delhi, to observe the patients who were facing problems and prescribed medicines or referred them to a hospital to run some essential tests.	NGO	36 Hours
10	Ms. Sonia Saini Ms. Arti Rana Mr. Sandeep Mathur	Assistant Professor	Nukkad Natak "Ladli" (Skit on Domestic Violence)	Bakhtiyarpur, sector-127, Noida, U.P	60 Hours
11	Ms. Jyoti Khurana Ms. Monika Sharma Mr. Sandeep Mathur	Assistant Professor	Arranged painting and singing competition in Ramakrishna Mission (Home of destitute children) for children. Collected donation from Directors/Faculties /Students of other department also for this holy work.	Ramakrishna Mission (Home of destitute children)	40 Hours
12	Mr. S.K Jha Ms. Kanchan Hans	Assistant Professor	Visit to old Age Home: Movie & Mimicry Show	Old Age Home	50 Hours

Participation of students in extension activities:

Name of student	Enrollment No.	Program	Details of Extension Activity done by student		
			Date of Project / Activity	Location	Total number of hours volunteered
Jayant Kumar, Rahul Singh	A1000713042 A1000713004	MCA	Arranging Doctor Visit to NGO Earth Savior Foundation	NGO	24 Hours
Phalika Sharma, Jasjeet Kaur, Geetanjali	A1000712036 A1000712021 A1000712058	MCA	Arranged painting and singing competition in Ramakrishna Mission (Home of destitute children) for children. Collected donation from Directors/Faculties /Students of other department also for this holy work.	Ramakrishna Mission (Home of destitute children)	30 Hours
Abhishek Mundra, Jasjeet Kaur, Geetanjali	A1000712001 A1000712021 A1000712058	MCA	Visit to old Age Home: Movie & Mimicry Show	Old Age Home	40 Hours
Geetanshu Kansal	A1000712057	MCA	Nukkad Natak "Ladli" (Skit on Domestic Violence)	Bakhtiyarpur, sector-127, Noida, U.P	48 Hours
Aditya Verma, Shamaeil Khan	A1000713034 A1000713018	MCA	Arranged a doctor of Safdarjung Hospital, Delhi, to observe the patients who were facing problems and prescribed medicines or referred them to a	NGO	30 Hours

			hospital to run some essential tests.		
Sanjana Malhotra, Ritu Kataria	A100071305 2 A100071306 5	MCA	Students visited Gurudwara and performed karseva.	Sector 18, Noida	25 Hours

48. Give details of “beyond syllabus scholarly activities” of the department:

Response:

Faculty members are encouraged to conduct research, publish papers, file patents, and commercialize the technologies. Further, faculty members are provided support for attending and organising conferences, seminars, and symposium etc. Following are the beyond syllabus scholarly activities in which AIIT faculties are involved:

•**Club / Committees:** In AIIT there are clubs and committees for students which are following: Cultural, Programming, Web Designing, Mobile App, Networking, Database and Software Project Management. Students can become member of any clubs and work in the guidance of faculty members.

•**HVCO activities:** “Amity Human Values Quarter” is a cherished activity in the AIIT giving students and entire Amity fraternity an opportunity to introspect and rededicate them to the cause of the society.

•**Sangathan:** Under the guidance of faculties, students participate in various sports competitions.

•**Seminars / Conferences / Workshops:** Faculties in AIIT regularly attend and organize guest lectures, conferences and workshops.

•**Research publications:** Faculties and students publish research papers.

•**Day of Belongingness :** Day of Belongingness is celebrated so that faculties and students feel connected with each other

•**Faculty involvement in Course curriculum development:** All faculties are involved in syllabus revision and they are members of AAB, BOS and PRC.

•**Training and development**

Activities	No. of activities organized (2012 onwards)	No. of faculties involved (2012 onwards)
Club / Committees Activities	63	15
HVCO activities	05	03
Sangathan	10	09
Conferences Organized	10	36
Workshops Organized	17	26
FDP/Workshops Attended	41	37
FDPs Organized	06	06
Guest Lectures Organized	75	37
Research Publications	385	37
Patents	18	
Research Projects Submitted	04	05
IT summit	02	10
Day of Belongingness	06	37

Training and Development		
- Training and Bids	04	02
- CISCO trainings	10	09
- CISCO consultancies	50	04

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No**

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

Department has organised various

1. FDPs
2. Workshop
3. Guest lectures.
4. Training programmes and consultancies
5. Industry Visits
6. Conferences
7. Projects
8. Research Papers
9. Patents
10. Articles
11. Books
12. International Collaborations

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response:

Following are the details of Strengths, Weaknesses, Opportunities and Challenges:

#	Strengths
1	Curriculum: AIIT endeavours to make teaching participative and experiential. Flipped classes and self work have been made part of curriculum.
2	Examination: Components are identified for each of the assessment components (viva, assignment and practical).
3	NTCC: In AIIT projects and term papers are a part of their curriculum. They are motivated to create innovative and unique projects and mobile apps. PG students have seminar as a part of their curriculum, in which it is mandatory to author a research paper with faculties as their guides.
4	Student enrichment programs like guest lectures, workshops, industry visits, conferences, google ambassador programs, CISCO ambassador program. Through this they are able to interact with industry professional and learn about the latest technologies.
5	Research paper has been made a part of curriculum of PG students. As a result research culture is promoted among the students.
#	Weaknesses

1	Patent commercialization: Patents are filed and completed, but no patent has been commercialized till now.
2	Research Projects: Institute has applied for four projects, but funding not initiated for any project.
#	Opportunities
1	Internationalization in terms of Industrial and Research tie ups through National and International tie ups can be increased.
2	Student Exchange can be enhanced: It will enhance the personality and social skills of students apart from problem solving and analytical skills.
3	Faculty Exchange can be improved: It will widen the vision and expose faculty to a different teaching pedagogy.
4	Entrepreneurship: E-cell can be established to motivate students to have their start ups.
5	Better Placements (Both quantities and qualitative): Count of students placed can be increased. Also the institute can aim for placement in top IT companies.
6	High end research lab: Institute does not have high end research lab which can increase the research output.
#	Challenges
1	Admission of PG students: There is an overall decline in the preference of students to take admission in MCA program.
2	Research Projects: AIIT has applied for four projects, which might get approved in coming months.
3	High end research lab
4	International Faculty recruitment: Involving international faculty in AIIT will improve research and academics.

52. Future plans of the department.

Response: Following are the future plans of AIIT:

- Internationalization in terms of Industrial and Research collaboration through National and International tie ups, external guides from abroad.
- National Board of accreditation
- Research Projects
- Student Exchange
- Faculty Exchange
- Study Abroad Program
- Foreign University Participation
- Students Mobility Participation
- Aligned with skill based courses
- Consultancy and Training
- Skills Enhancement Programs
- Entrepreneurship

Evaluative Report (Amity Institute of Telecommunication Engineering & Management)

1. **Name of the Department:** Amity Institute of Telecommunication Engineering & Management (AITEM)
2. **Year of establishment :** 2002, integrated with AUUP, Noida in 2005
3. **Is the Institution / Department is part of a School/Faculty of the university?**

Response:

Yes, Faculty of Science, Engineering & Technology, AUUP, Noida. The institute is a part of Domain of Engineering & Technology.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt. etc.)**

Response : AITEM is offering following programme :

(a) Postgraduate (PG):

- (i). Master of Business Administration (Telecommunication Management),
- (ii) Master of Technology (Telecommunication Systems Engineering) Regular & Weekend
- (iii) Master Technology (Optoelectronics & Optical Communication) Regular & Weekend

(b) Undergraduate (UG): Bachelor of Technology (Electronics & Telecommunication)

5. **Interdisciplinary programmes and departments involved :** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc :** Nil
7. **Details of programmes discontinued, if any, with reasons**

Response :

AITEM had discontinued following programme due to change in telecom scenario and low admissions.

- (a) Master of Business Administration (Telecommunication Sales)
- (b) Master of Business Administration (Telecommunication HR)
- (c) Bachelor of Technology (Electronics & Telecommunication) + Master of Business Administration (Telecom Management) Dual Degree

8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System**

Response : AITEM is offering Semester (Choice Based Credit System)

9. **Participation of the department in the courses offered by other departments / institutions**

Response :

AITEM is making use of various courses being offered by other departments as per details Given below :

(a) Postgraduate: M.Tech (TSE)

<u>Course Type</u>	<u>Course Title</u>	<u>Institution</u>

Specialized Engineering Course	Advanced Simulation Lab, Embedded Microcontroller , Advanced Optical Communication , Satellite Communication , Antenna Theory and Design and Advanced Microwave Engineering	ASET
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(b) Postgraduate MBA (TM)

<u>Course Type</u>	<u>Course Title</u>	<u>Institution</u>
Core Course -----Do-----	Accounting for Managers	ACCF
	Marketing Management	AIAS
Core Course	Information Technology for Managers,	ABS
	Managerial Economics,	
	Organizational Behaviour,	
	Statistics for Management,	
	Financial Management,	
	Human Resource Management,	
	Legal Aspects of Business,	
	Business Research Methods,	
	Operations Management,	
	Strategic Management,	
	Management in Action - Social Economic	
	Product and Brand Management,	
	Direct Marketing,	
	Supply Chain Management,	
	Service Operations Management and	
	Ethical Issues,	
	Customer Relationship Management,	
	Digital Marketing and Project Management	

(c) Undergraduate: B.Tech(E&T)

<u>Course Type</u>	<u>Course Title</u>	<u>Institution</u>
Basic Science	Applied Chemistry	ASET
	Applied Mathematics- I	
	Applied Mathematics – II	
	Applied Physics- I	
	Applied Physics- II	
	Numerical Methods and Optimization	

<u>Course Type</u>	<u>Course Title</u>	<u>Institution</u>
Humanity & Social Science	Economics for Engineers	ASE
Basic Science	Sociology for Engineers	AISSR
	Biology for Engineers	AIB
	Behavioural Sciences(All Semester)	AIPS
	English Language Usage Essentials/	AIESR
Value Added	Communication Skills (All Semester)	AFSR

Course	Foreign Language (All Semester)	AISS
	Elements of Indian History for Engineers	ALS
Core Course	Basic Electrical Engineering	ASET
	Engineering Graphics Lab	
	Engineering Mechanics	
	Elements of Mechanical Engineering Lab	
	Introduction to Computers and Programming in C	
Core Course	Object Oriented Programming Using C++	ASET
	Signals and Systems	
	PCB Design Lab	
	Circuit Theory	
	Basic Electronics Engineering	
	Material Science	
	Analog Communication	
	Electronics Devices and Circuits	
	Digital Electronics	
	Electromagnetic Field Theory	
	Circuit Simulation Lab	
	Basic Simulation Lab	
	Microprocessors and Interfacing	
	Digital Communication	
	Digital Signal Processing	
Specialized Elective Course	Antenna and Wave Propagation	
	Java Programming	
	Microwave Engineering	
	Microcontroller	
	Advanced Java Programming	
Basic Science	Environmental Studies	ASPESS
Out Door Activity Based Course	Basics of Cricket	
	Basics of Tennis	
	Basics of Hockey	

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response: Details are given below

Designation	Sanctioned	Actual including CAS & MPS (2016 status))
Professor	3	2
Associate Professors	5	0
Asst. Professors	16	17
Others	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Response : Faculty profile covering all the attributes listed is appended below :List Attached

S.No	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Engineering Faculty						
1	Prof Raj Kamal Kapur	BTech(ECE), M.Tech(Communication Sys),Pursuing PhD	Professor	Telecommunication & networking	12 Years Teaching,3 Years Research Experience,25 Years Operational.	NA
2	Dr. Sujata Pandey	BSc., MSc. And Ph.D (Electronics)	Professor	Microelectronics & VLSI	17years in teaching & 22 Years in Teaching & research	Guided 8 scholars
3	Dr. Anil Kumar Shukla	M.Tech (Elect. & Instru.) M.Sc (Electronics), PhD	Asst. Professor (Grade III)	Analog Integrated Circuit, Analog CMOS Design, Low power VLSI Design and Embedded System	13 Years	Guiding 1 scholar
4	Mr. V K. Sharma	B. Sc, M.Sc. (Electronics.) B.Ed	Asst. Professor(Grade III)	Optical Communication, CDMA & TNM	24Years Teaching and 21 Years Industry.	NA

5	Dr. Arun Kumar	B. Sc, M. Sc, M.Tech,(Laser Technology) Ph D (Physics)	Asst. Professor (Grade III)	Photonics , Opto Electronics	12 years	Guiding 1 Students
6	Mr. Jitendra Singh Jadon	BE(Electronics), ME (CCN), Pursuing PhD	Asst. Professor (Grade III)	Communication & Networking	14 years	NA
7	Mr. Atul Kumar Srivastava	B. Sc,M. Sc, PGDCA, MBA,SMP, M.Tech (Computer Engineering)	Asst. Professor (Grade III)	Computer Science (Information Retrieval	16 years	NA
8	Mr. Manisha Manoj Chahande	B. E(electronics), M.E.(Electronics), Pursuing PhD	Asst. Professor (Grade II)	Image and Video Processing	12 years	NA
9	Mr. Mukul Varshney	B. Sc, M.Sc (Electronics), M.Tech. (Instrumentation)	Asst. Professor (Grade II)	Instrumentation & Control Systems	10 years . 1.5 years Research experience	NA
10	Ms. Manisha Gururani	BCA, M.Sc (CS) MBA (HR) M.Tech.(Computer Science), PhD Pursuing	Asst. Professor (Grade II)	Web mining	8 years	NA
11	Mr. Arvind Kumar	B. E., M.E. (Electronics & Communication), Pursuing PhD	Asst. Professor (Grade II)	Signal Processing	9 years	NA
12	Dr. Vangmayee	B. Sc, M.Sc. (Electronics) M.Tech	Asst. Professor	VLSI interconn	8 years	NA

	Sharma	(VLSI), PhD	(Grade-I)	ects		
13	Ms. Neha Arora	B. Tech, M.Tech (Electronics & Communications)	Asst. Professor (Grade -I)	Wireless	8 years	NA
14	Ms.Shubhra Dixit	B. Tech, M.Tech (Digital Communication), Pursuing PhD	Asst. Professor (Grade-I)	Signal Processing	8 years	NA
15	Ms. Jyoti Agarwal	B.Tech , M.Tech, Pursuing PH D	Asst. Professor (Grade-I)	Software Engineering	1 Year	NA
Management Faculty						
1	Ms. Ashima Agarwal	B. Com, CS, MBA, (Finance) Ph.D (Thesis Submitted)	Asst. Professor (Grade III)	Finance	13 years	NA
2.	Mr. Rajeev Pathak	B. E, MBA (Marketing & IT)	Asst. Professor (Grade II)	IT	13 years	NA
3.	Ms. Mamta Sharma	B. A., M.A, MBA,(HR) M. Phil, Dip. In Training & Development, Pursuing PhD	Asst. Professor (Grade II)	Human Resources	8 Years	NA
4.	Dr. Priyanka Agarwal	B. Sc., MBA (Marketing & HR) Ph D (HR)	Asst. Professor (Grade- II)	Human Resources	6 years and 2 Years Industry Experience	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response_: Details of senior visiting fellows and emeritus professor given below:

S. No	Faculty	Name and Designation
1	Senior Visiting Fellow	<p>Lt. Gen. A K Agarwal , Country Head-LBS</p> <p>Mr. Mahinder Srivastava, GM,</p> <p>Mr. U K Srivastava, Dy. Director Gen.(Radio), telecom Engineering Centre , Department of Telecommunication</p> <p>Mr. Vivek Chandok, Heads New Products and VP, Tech Mahindra</p> <p>Mr. Nitin Bajaj, Account Director, TCS</p> <p>Mr. Sumon Kar , Business Head-Customized IT Solutions, India , Orange Business Services</p> <p>Mr. Brian Bisgaad, Founder & CEO,Bluetown, Denmark</p> <p>Mr. François Rancy, Director, ITU's Radio- Communication Bureau, Geneva</p> <p>Mr. R K Arnold- Member, Ex officio Secretary, Govt. of India TRAI</p> <p>Mr. Dinesh Chand Sharma, Director- Standardization, Policy and Regulation (Seconded European Standardization Expert in India</p> <p>Mr. Arvind Bali, Director and CEO , Videocon Communication</p> <p>Mr. Harpreet Singh Syali, Head Enterprise Business Line , MTS</p> <p>Mr. Sethumadhavan Srinivasan, Director - Marketing & Strategy, Huawei</p> <p>Mr. Sanjay Singh, Country Head, Dialogics</p> <p>Mr. Adrian Topp, Head Managed Services-Network & Operation, Ericsson</p> <p>Mr. Satya N Gupta , Country Head Blue Town & Former Adviser TRAI</p> <p>Col. Mahesh Khera , Founder ,KTMT consulting Pvt Ltd</p> <p>Mr. Tarun Kaushik, Transmission Lead in the National Planning Team , Nokia Networks</p> <p>Mr. Ombir Singh, National Optimization Lead</p> <p>Mr. Kuldeep Kumar, Consultant, Information Security Manager, TCS</p> <p>Cdr Manash Paul (Retd), , Information Security Manager-APAC, TCS</p> <p>Mr. Davinder Kathuria , Manager , Noika Networks</p> <p>Mr. Vineet Kr Tuli, , Solution Manger, Nokia Networks</p> <p>Dr. Madhur Bhashini , Director, Education &</p>

		Training, e-Span Learning Power Mr. Shiva Ramamoorthy , Vice President, South Asia, Genband Inc Mr Ajay Walia , Associate Director, Colt India Mr. Naveen Dhar , Sr. Director- Business Strategy Huawei's US innovation Centre, Huawei
2	Emeritus Professors P	Dr. Surendra Pal, Former President IETE; [Former: Prof. Satish Dhawan Professor, Senior Adviser- Satellite Navigation (ISRO) Distinguished Scientist, Associate Director, Chairman GAGAN -PMB & Prog. Director Sat.- Navigation-ISRO] Mr. Malcolm Johnson , Director Telecom Standardization Bureau & Deputy Secretary General, International Telecommunication Union (ITU), Geneva

13. Percentage of classes taken by temporary faculty – programme-wise information

Response: Nil, All classes of the programme are taken by permanent/ visiting faculty.

14. Programme-wise Student Teacher Ratio

Response : Student to teacher ratio programme is given in the table below:

S NO	Programme Name	Student Teacher Ratio
1	B. Tech (E&T)	12:1
2	M.Tech(TSE) Weekend	1:1
3	MBA(TM)	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response : Detail regarding academic and administrative staff is as under :

Non Teaching Staff	Sanctioned	Filled
academic support staff	2	2
academic support staff (technical)	4	3
administrative staff	2	2

16. **Research thrust areas as recognized by major funding agencies**

Response : Thrust area identified by ITU and IETE are :

- (a) Green Telecommunication
- (b) Internet of the Things

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise**

Response: Grants not allotted

18. **Inter-institutional collaborative projects and associated grants received :** Nil

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received :** Nil

20. **Research facility / centre with :**

Response_:

AITEM has signed MoU with ALTT Ghaziabad to use their labs and other facilities for Training projects and research. Besides it has a unique telecom laboratory established with the help of leading telecom manufacturing companies in India.

21. **Special research laboratories sponsored by / created by industry or corporate bodies:**

Response :

AITEM has the singular distinction of having an unique telecom laboratory created by industry/corporate body its detail is given in succeeding paragraph.

Specialized Telecom Lab This is one of the unique telecom lab in any university in the country having live telecom equipments viz. Cellular Mobile Base Station, three sectors antenna, mini-microwave link, state of art SMPs Smart Power meter and solar panel. This lab also has working model of cell site with passive infrastructure e.g. BTS Shelter, External BTS, Gen set, solar panel and tower etc. Lab also has anti-static flooring required for cell site.

Leading telecom networks/service providers have contributed all the equipment for this unique lab. Industry is also supporting the institution in imparting training as & when required by the faculty & students.

Industry or corporate bodies (Name)	Lab details
Bharti Airtel	Complete GSM Cell Site Comprising of : (a) GSM Sector Antenna (b) Base Transceiver Terminal (BTS) (c) Mini Link (d) Transmission Rack (e) Battery Bank
Delta Power Solutions	Integrated Power Supply (SMPS)

Indus Tower	In Building Solution (IBS)
Bharti Aitel	Dual Polarized, Multi Band GSM Antenna
Ericsson India	Site Master
Radius Infratel	Fiber To The Home (FTTH) Deployment Architecture

22. Publications:

Response:

Faculty members of AITEM have published papers, books and research papers in telecommunication and Electronic journals of repute like Optik (Elsevier) , IEEE Explore , International Journal for Scientific Research and Development International Journal for Scientific Research and International Journal of Computer Application etc. To name a few. Details of publications are appended below ;

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	74
Monographs	0
Chapters in Books	2
Edited Books	0
Books with ISBN with details of publishers	5
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	31
Citation Index – range / average	90
SNIP (Source Normalized : Impact per Person)	
SJR (Scimago Journal Rank)	
Impact Factor – range / average	0.394-2.11/0.747
h-index	7

23. Details of patents and income generated

Response:

AITEM not only motivates its faculty but also the students to come up with innovative ideas and provide all help in filing for patents. Some of the patents filed under aegis of AITEM are as under

S.No. Patent

- 1 Closed Loop Least Mean-square Adaptive Noise Canceller
- 2 Educational Kit for the demonstration of 8085 flags
- 3 Low Power High-Speed CMOS Circuits

24. Areas of consultancy

Response :

PGCIL a company which is already into provision of communication , AITEM imparted training to its employees to broaden their horizon and make them think and consider to grab the emerging markets which would be thrown open in near future:

S. No.	Event Name	Theme	Outcomes
1	Training program for PGCIL on 12th to 14th April 2012	Impart training on ‘ Access Technology on Telecom Networks (PON/PTN)	15 engineers of Power Grid Corporation of India were trained in current and future access technology being adopted in telecom networks

S. No	Name of Faculty member	Designation	Expertise of Faculty for Consultancy	Details of Consultancy assignment done by faculty			Role of Faculty member
				Organisation's Name	Year of commencement	Revenue generated (INR)	
1	Col OP Aurora	Advisor ICC	Impart Requisite Training	PGCIL	2012	Rs.2,43,000/-	Organized Structured training

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response:

Faculty members of AITEM have been visiting various laboratories and industries to keep them abreast with latest trend in the telecommunication market and update their knowledge on current technologies being used by industry and other institutions. Detail of faculty who visited laboratories and industries is given below:

S. No	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1	Dr Arun Kumar	AP-III	IIIT-Allahabad (U.P.)	National
2	Mr. Jitendra Singh Jadon	AP-III	IIIT-Allahabad (U.P.)	National
3	Mr. Arvind Kumar	AP-II	KIET, Ghaziabad (U.P.)	National
3	Mr. Manisha Manoj	AP-II	KIET, Ghaziabad (U.P.)	National
4	Mr J S Jadon	AP III	Bharti Airtel, Noida	National
5	Ms Neha Arora	AP-I	Bharti Airtel, Noida	National
6	Mr Arvind Kumar	AP-II	Bharti Airtel, Noida	National
7	Mr M K Jain	GM, Skill Training	BSNL, Noida Office	National
8	Mr Arvind Kumar	AP	Bharti Airtel, Noida	National
9	Mr J S Jadon	AP III	Nokia Networks, Gurgaon	National
10	Mr. K Jain	GM, Skill Training	Indus Towers Ltd., Dadri Road	National
11	Mr. K Jain	GM, Skill Training	Telephone Exchange, BSNL Noida	National
12	Mr. K Jain	GM, Skill Training	BSE at Delta Sector	National
13	Col. O P Aurora	Advisor-IIC	Airtel's Advance Test Lab and Global Network Centre (GNOC) & Airtel Experience centre at Manesar	National
14	Mr. K Jain	GM-Telecom Sector Training		
15	Mr. S Jadon	AP-III		

16	Mr. Arvind Kumar	AP-II		
17	Ms. Shubhra Dixit	AP-I		
18	Ms. Neha Arora	AP-I		
19	Mr. Atul Srivastava	AP-II		
20	Ms. Manisha M Chahande	AP-II		
21	Prof R K Kapur	Dy Dir. & Head	Industry Training Session at Ericsson , Gurgaon	National
22	Col. O P Aurora	Advisor-IIC		
23	Dr Anil Ku Shukla	AP-III		
24	Dr Arun Kumar	AP-III		
25	Mr. S Jadon	AP-III		
26	Mr. Arvind Kumar	AP-II		
27	Ms. Neha Arora	AP-I		
28	Ms. Shubhra Dixit	AP-I		
29	Ms. Jyoti Agarwal	AP-I		
30	Mr Arvind Kumar	AP-II	Bharti Airtel, Noida	
31	Mr J S Jadon	AP III	Indus Towers Ltd., Dadri Road	National

26. Faculty serving in

Response :

AITEM faculty has been actively participating in various telecom forums viz. IETE, ICICT and ICACEA etc. besides being on the editorials board of journal of repute .

S. N	Name Committee/ Board	Faculty Name	Position in the Committee/ Board
a	National committees (i) IETE Sub Centre –Noida (ii) IETE Sub Centre –Noida (iii) IETE Sub Centre –Noida (iv) National Conference on Recent Trends and Developments in Statistics, February 21-23, 2015, Department of Statistics, MDU Rohtak (v) National Workshop on SPSS & R Software, February 20, 2015, Department of Statistics, MDU Rohtak. (vi) International Conference on Telecommunication & Networks, Amity Institute of Telecom Technology and Management, Feb. 27-28, 2013, AUUP	Prof R K Kapur Dy. Dir & Head Dr Arun Kumar Mr J S Jadon Dr. Dheeraj Pawar	Chairman Vice Chairman, Secretary Vice Chairman Organising Committee Member Organising Committee Member Organising Committee member
b	Editorial Boards (i) Science Journal of Business and Management (ii) American Journal of Theoretical and Applied Statistics (iii) International Journal of Science, Technology and Society (iv) Applied and Computational Mathematics (v) Science Journal of	Dr. Dheeraj Pawar	Editor/Peer Reviewer Editor & Peer Reviewer Editor Editor Peer Reviewer Peer Reviewer Reviewer Editor

	Applied Mathematics and Statistics (vi) Pure and Applied Mathematics Journal (vii) ADRRI Journal of Physical and Natural Sciences Global Journal of Multidisciplinary and Multidimensional Studies		
c	International committees (i) ICICT (ii) International Workshop on Mathematics and Statistics	Dr. Arun Kumar Dr Dheeraj Kumar	Member Reviewer & Advisory Board member
d	International committees ICACEA'2015	Prof R K Kapur Dy. Dir & Head	Session Chair
e	Any other (please specify) Indian Association for Reliability and Statistics	Dr Dheeraj Pawar	Indian Association for Reliability and Statistics

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

AITEM has a system which ensures that all faculty on joining undergo requisite refresher training/courses/workshop organized by Amity Staff College on Amity Academic Structures and Systems. Besides, it is ensured all faculty get even opportunity to undergo workshops and training conducted by the University

S. No	Training Type	2012-13		2013-14		2014-15		2015-16	
		Organised	Attended	Organised	Attended	Organised	Attended	Organised	Attended
(a)	Refresher	3				1	4	1	2
(b)	Orientation programs	1		1		1		1	
(c)	Workshops			3		2	8	3	4
(d)	Training programs						2		
(e)	Similar programs: (i) Conferences	1					5		5

	(ii)	Programme							
	(iii)	Seminar	1		1		2	2	1
	(iv)	Sessions/Summit/Discussion/ Lecture						7	4
	(v)	Corporate Meet							1
	(vi)	Amity Telecom Vision Board			1		1		1

28. Student projects :

Response :

A strong tie up has been established by AITEM with major telecom industry and laboratories in and around NCR so that student get opportunity to carry out their summer training , dissertation and projects with them or are able to use of their labs for the same.

(a) Percentage of students who have done in-house projects including inter-departmental projects	(i) <u>UG</u> - In House Practical Training :100% Major Project:100% (ii) <u>PG</u> - Dissertation: M.Tech(TSE): 87.71% MBA: 100%
(b) Percentage of students doing projects in collaboration with other universities / industry / institute	(i) <u>UG</u> - Summer Internship:100% (ii) <u>PG</u> - Summer Training:100% Dissertation: M.Tech(TSE): 14.28%

29. Students' Achievements

Response :

AITEM students have excelled in various telecom aspects and have bagged prestigious awards constituted by industry to ensure that knowledge repository is readily available .List of student achiever is as under:

Name of the student	Program/Batch	Achievement
Mr. Lakshit Parashar	B.Tech –E & T, 2012-16 batch	Delta Power Solution Award of Excellence for 'First in Telecom Skill Training & Major Project in B. Tech(E&T)'
Mr. Farhan Abdul Salam	B.Tech –E & T, 2012-16 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Male)
Ms. Akita Jain	B.Tech –E & T, 2012-16	First in Telecom Subjects in

	batch	B.Tech – E &T Engineering (Female)
Ms. Tanvi Sachdev	M.Tech – TSE, 2014-16 batch	Best Project in the year 2015
Mr. Anurup Basil Varghese	MBA-Telecom , 2014-16	Best All Round Performance in MBA-Telecom management
Mr.Sahil Bansal	B.Tech –E & T, 2011-15 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Male)
Ms. Sonali Jain	B.Tech –E & T, 2011-15 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Female)
Ms. Harshita Agarwal	M.Tech – TSE, 2013-15 batch	Best Project in the year 2014
Ms. Akрати Agarwal	MBA-Telecom , 2013-15	Best All Round Performance in MBA-Telecom management
Ms. Abhitanjay Chaudhary	B.Tech –E & T, 2010-14 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Male)
Ms. Arpita Grewal	B.Tech –E & T, 2010-14 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Female)
Ms. Richa Budhiraja	M.Tech – TSE, 2012-14 batch	Best Project in the year 2013
Mr. Rishi Vadhara	MBA-Telecom , 2012-14	Best All Round Performance in MBA-Telecom management
Mr.Vedant Dhari Singh Sinha	B.Tech –E & T, 2009-13 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Male)
Mr.Rihab Manzoor Banday	B.Tech –E & T, 2009-13 batch	First in Telecom Subjects in B.Tech – E &T Engineering (Female)
Ms. Bhavna Khola	MBA-Telecom , 2011-13	Best All Round Performance in

		MBA-Telecom management
Mr.Akash Agarwal	B.Tech –E & T, 2009-13 Batch	Excellence in Innovation (Telecom)- Male
Ms. Madhurima Basak	B.Tech –E & T, 2009-13 Batch	Excellence in Innovation (Telecom)- Female
Ms. Sayeda Aleya Ahmed	B.Tech –E & T, 2008-12 batch	Excellence in Innovation (Telecom)- Male
Mr.Akshay Gupta	B.Tech –E & T, 2008-12 batch	Excellence in Innovation (Telecom)- Female
Mr.Ashish Talwar	B.Tech –E & T, 2007-11 batch	Excellence in Innovation (Telecom)- Male
Ms. Ritika Mehta	B.Tech –E & T, 2007-11 batch	Excellence in Innovation (Telecom)- Female
Mr. Aditya Agarwal	B.Tech(E&T), 2011-15	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr. Puneet Singh	MBA, 2013-15	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr. Lakshit Parashar	B.Tech(E&T), 2012-16	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Ms. Smiriti Capoor	B.Tech(E&T), 2008-12	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr.Rihab Manzoor Bandy	B.Tech(E&T), 2009-13	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr.Ravneet Singh	MBA(TM), 2011-13	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr. Abhitanjay Chaudhary	B.Tech(E&T), 2010-14	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr. Neeraj Kumar	M.Tech(TSE), 2012-14	Sri Baljit Shastri Award for the Best student in Human & Traditional Values
Mr.Akash Agarwal	B.Tech(E&T)/2009-13	All India Ranking first in GATE 2014
Mr.Gaurav Rai & Mr. Yogesh Bhardwaj	B.Tech(E&T)/2008-12	Received “Young Enterprenuers” award from Mr Farooq Abdulla, Minister for New & renewable

		Energy for their innovation “BLUDO” in International Trade fair 2013.
Mr.Arpan Ghosh	B.Tech(E&T)/2014-18	Outstanding performance at National level CBSE Science Exhibition held at Salwan public school. Honoured with appreciation letter from PM of India in Nov 2014
Mr. Vishal Rathee	B.Tech(E&T)/2013-17	Won title of Mr. Teen India 2014
Mr.Abu Baker Maraicar, Ms. Simran Kaur Kohli & Mr. Ayush Kapoor	B.Tech(E&T)/2011-15	Presented paper at conference organised by Academic Science, India, Won award for Best paper and a cash prize of Rs 3000/-
Mr.Sukriti Chaturvedi	B.Tech(E&T), 2009-13	Nokia India Fest, HT Next Big Thing (acting), Jan 2013. Won a cash prize of Rs 20,000/- and a Laptop.

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response:

The institute has been organizing workshops, seminars and conferences to ensure student's knowledge on latest trends in telecommunication is updated constantly. Details of workshops, seminars and conferences organized by the institute are appended below:

Workshops, Seminars and Conferences organized by the Institute are appended below:							
S. No	Title of Event	Type of Event (Seminar / Conference / Workshop)	Duration of Event		Location of Event	Source of funding National / International	Outstanding Participants
			From	To			
Seminar – Telefocus							
1	Telefocus 2016 - Telecom Networks : Evolving from Hardware to Software'	Seminar	05 th February 2016	05 th February 2016	Amity University , Noida	Sponsorship By Industry	Large No.MD/CEO/COO/VPs attended the seminar & received awards on behalf of their organizations
2	Telefocus 2015- New & Innovativ	Seminar	06 th February 2015	06 th February 2015	Amity University ,	Sponsorship By Industry	Large no.MD/CEO/COO/VPs attended the seminar &

	e Business Models for Monetization of Mobile Broadband				Noida		received awards on behalf of their
3	Telefocus 2014- Mobile Data Proliferation- Boon or Bane	Seminar	10 th January 2014	10 th January 2014	Amity University , Noida	. Sponsorship By Industry	Large no.MD/CEO/ COO/VPs attended the seminar & received awards on behalf of their
4	Telefocus 2013- Heterogeneous Networks In Mobile Revolution	Seminar	5 th February 2013	5 th February 2013	Amity University , Noida	. Sponsorship By Industry	Large no.MD/CEO/ COO/VPs attended the seminar & received awards on behalf of their organization
5	Telefocus 2012- Next Generation Telecom technology Options & Their Business Model	Seminar	16 th February 2012	16 th February 2012	Amity University , Noida	Sponsorship By Industry	1. Large no.MD/CEO/ COO/VPs attended the seminar & received awards on behalf of their organizations. 2. Mr. Akhil Gupta Vice Chairman, Bharti Enterprises was the Chief Guest.

6	Telefocus -2011- Telecom For Inclusive Growth	Seminar	3 rd March 2011	4 th March 2011	Amity Univers ity , Noida	Sponsorsh ip By Industry	1. Large no.MD/CEO/ COO/VPs attended the seminar & received awards on behalf of their organizations. 2. Dr. J S Sarma, Chairman TRAI & Mr. Akhil Gupta Vice Chairman, Bharti Enterprises were the Chief Guest & Guest of Honour respectively.
7	Telefocus -2010- Growth of Telecom in Emerging Economy	Seminar	4 th Februar y 2010	5 th Februar y 2010	Amity Univers ity , Noida	Sponsorsh ip By Industry	1. Mr. Sachin Pilot, Minister of Comm & IT was Chief Guest 2.Large no.MD/CEO/ COO/VPs attended the seminar & received awards on behalf of their organizations.
8	Awarenes s Seminar -2010- Digitizati	Seminar	14 th Decem ber	14 th Decem ber	Amity Univers ity ,	Sponsor- ship By Industry	Four Multi National organizations supported this

	on of Cable TV Distributi on System		,2010	,2010	Noida		seminar.
9	HR Conclave 2014 - Industry – Academi a Interactio n for Develop ment of Human Capital in ICT Sector	Seminar	18 th Septem be-r 2014	18 th Septem be-r 2014	Amity Univers ity , Noida	Sponsor- ship By Industry	11 Chief /Head HR attended this conclave.
10	HR Conclave 2011- Industry- Academi a Interactio n for Develop ment of Human Capita in ICT	Seminar	23 rd Septem ber 2011	23 rd Septem ber 2011	Amity Univers ity , Noida	Sponsor- ship By Industry	9 Chief /Head HR attended this conclave.
11	HR Conclave 2010- Strategic Positioni ng of HR for Faster Telecom	Seminar	2nd Novem ber 2010	2nd Novem ber 2010	Amity Univers ity , Noida	Sponsor- ship By Industry	13 Chief /Head HR attended this conclave.

	Growth						
12	Domain Corporate Meet 2015- Application and Delivery for Digital India ‘	Seminar	4 th September 2015.	4 th September 2015.	Amity University , Noida	Amity University , Noida	Large no.MD/CEO/ COO/VPs attended the seminar
Conference -TELNET							
13	1 st International Conference on Telecommunication & Networks (TEL-NET-2013)- Indian Wireless Paradigm : Opportunities and Challenges	Conference	27 th February 2013	28 th February 2013	Amity University ,Noida	Fund raised through : (i)Registration fee. (ii)DST (iii)Sponsorship By Industry	Large no.MD/CEO/ COO/VPs attended the Conference
Orientation Programme							
14	Growth in Telecom and opportunities for fresh	Orientation Programme	7 th August 2015	7 th August 2015	Amity University , Noida	NA	Industry leaders deliberated on scope & potential of growth in emerging

	Graduate s						economy like India.
15	Growth in Telecom and opportuni ties for fresh Graduate s	Orientation Programme	7 th August 2014	7 th August 2014	Amity Univers ity , Noida	NA	Industry leaders from Telecom Industry
16	Industry Expectati ons from Young Professio nals	Orientation Programme	02 nd August 2013.	02 nd August 2013.	Amity Univers ity , Noida	NA	Industry leaders from Telecom Industry
17	Industry Expectati ons from Young Professio nals	Orientation Programme	08 th August 2012.	08 th August 2012.	Amity Univers ity , Noida	NA	Industry leaders from Telecom Industry
Workshops							
22	Ericsson Empower Worksho p	Workshop	21 st Septem ber 2015	21 st Septem ber 2015	21 st Septem ber 2015	Amity University , Noida	NA
23	Worksho p by IBM on 'Data Analysis and Cloud Computi ng'	Workshop	28 th Septem ber 2015	28 th Septem ber 2015	Amity Univers ity , Noida	NA	Technical team from IBM
24	CISCO Networki ng	Workshop	19 th March	19 th March	Amity Univers ity ,	NA	Technical team from

	Workshop		2015	2015	Noida		CISCO
25	Workshop by TCS on Cloud Computing & Internet of Things	Workshop	25th September 2014	25th September 2014	Amity University , Noida	NA	Technical team from TCS
26	KPMG's KITE program	Workshop	28th January 2014	30th January 2014	Amity University , Noida	Nil	Technical team from KPMG
27	Workshop by TCS on 'Telecom & Emerging Technologies'	Workshop	11th October 2013	11th October 2013	Amity University , Noida	NA	Technical team from TCS
28	Ericsson Excel Program	Workshop	16th July 2012	18th July 2012	Amity University , Noida	NA	Technical team from Ericsson
29	Workshop for Power Grid Corporation of India on Access Technologies for Telecom Networks (PON/PTN)	Workshop	12th April 2012	14th April 2012	Amity University , Noida	Funds by Powergrid	Powergrid Corporation of India

31. Code of ethics for research followed by the departments

Response:

The purpose guide line No 28 for Students Ethics, Code of Conduct and Administrative Procedures for Disciplinary Actions is to establish equitable and consistent standards throughout the University, to ensure that disciplinary action is fair and reasonable in the circumstances of each case, and to produce due respect for and acceptance of University standards and reasonable instructions. Whereas guide line No 41 facilitate protection and valorization of intellectual property generated during scientific pursuit in the University. As also provide a comprehensive single window reference system for all intellectual property rights issues relating to intellectual property generated at the Institute Where as guide line No 53 is on University Research Policy Guidelines where in it lays down that Amity University is committed to be a Research and Innovation Driven University and contribute to India becoming a global knowledge superpower through education, research and innovation. It further states that to attain this goal, it is imperative to pursue cutting-edge basic, targeted, and applied research in all domains/ faculty of studies in a transparent, responsible and ethical manner for advancement of knowledge and development of novel processes, technologies and products.

32. Student profile programme-wise:

Response:

Due to good student to faculty ratio student faculty interaction is good resulting into good student pass percentage as evident from the result tabulated below:

Name of the Programme	Applications		Selected		Pass percentage	
	received		Male	Female	Male	Female
(refer to question no. 4)	Male	Female				
B.Tech (E&T)						
2012-13	66	50	28	31	100	94.12
2013-14	170	69	159	50	100	100
2014-15	144	54	113	30	100	100
2015-16	75	36	53	26	100	100
2016-17	40	17	35	11	NA	NA
M.Tech (TSE)						
2012-13	30	19	19	12	100	100
2013-14	13	9	10	4	100	100
2014-15	13	12	3	6	100	100
2015-16	1	0	1	0	100	100
2016-17	3	2	1	0	NA	NA
M.Tech (OEOC)						
2012-13	11	6	5	4	100	100
2013-14	6	9	3	5	100	100

2014-15	2	6	1	2	100	100
2015-16	1	1	0	1	100	100
2016-17	1	1	--	--	NA	NA
MBA(TM) 2012-13	102	22	57	15	89.29	100
2013-14	61	15	31	7	100	87.5
2014-15	28	16	16	6	84.62	NA
2015-16	21	2	8	0	100	100
2016-17	22	6	11	3	NA	NA
MBA(Tele-HR) 2012-13	3	3	0	1	0	100
2013-14	1	4	1	1	100	100

33. Diversity of students

Response :

AITEM being amongst few institute in North part of India good number of students opt for B.Tech (E&T) and MBA (TM) .Student diversity helps students to share their diverse culture, knowledge and experiences. Diversity details in respect of AITEM student is as under:

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities/ institutions within the State	% of students from universities/ institutions outside the State	% of students from other countries
B Tech (E&T)	NA	30	60	10
MBA(TM)	NIL	25	75	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response:

Besides counselling and exhorting students to take competitive examinations, they are imparted training to prepare themselves. For these competitive examinations facilities to access relevant material is available on internet. Free internet access is being provided to all students. Journals and other literature are procured for students on need basis.

Examination Name	2012-13	2013-14	2014-15	2015-16
Civil Services	--	1	--	--
Defense Services	2	3	2	--
NET	--	--	--	--
SET	---	--	--	--
GATE	4	5	5	6
Other competitive examinations (please specify)	--	--	--	

35. Student progression

Response:

Telecom is an industry which requires high number of employee, there being few institute placement of B. Tech (E&T) is excellent for this reason few students go in for post graduate or doctoral degree. Only those students who wish to achieve specialization in particular field go in for higher studies. Student progression in respect of AITEM is given below:

Student Progression	Percentage Against Enrolled					
UG to PG	(a) Batch 2008-12 – 6% (b) Batch 2009-13 – 24% (c) Batch 2010-14- 12% (d) Batch 2011-15 – 2% (e) Batch 2012-16 Yet to apply					
PG to M.Phil.	Nil					
PG to Ph.D.	4%					
Ph.D. to Post-Doctoral	Nil					
Employed	MBA-Telecom Management (Placement%)					
		2016	2015	2014	2013	2012
	Total %	100%	93%	100%	96%	98%
	Campus	6	13	28	25	52
	Other than campus	0	0	0	2	0

Campus selection Other than campus recruitment	B.Tech- E & T(Placement %)					
		2016	2015	2014	2013	2012
	Total	100%	100%	97%	94%	87%
	Campus	20	33	32	36	122
	Other than campus	0	1	4	7	19
Entrepreneurs	Name of Alumni	Course / B tch		Designation	Startup Company Name	
	Mr. Gaurav Rai	B.Tech - E &T (2008-12)		Director	BLUDO	
	Mr. Yogesh Bhardwaj	B.Tech - E &T (2008-12)		Director	BLUDO	
	Mr. Nishant Radia	B.Tech - E &T (2008-12)		Co- Fouders	VIDOOLY	
	Mr. Shivam Ahuja	B.Tech - E &T (2008-12)		Co- Fouders	Expertvidya Solutions Pvt. Ltd.	
	Mr. Jatin Khurana	B.Tech - E &T (2008-12)		Director	ATP Greentech Pvt. Ltd(ATP MART)	
	Mr. Javed Khan	M.Tech - TSE(2013-15)		Director	Soul Engineering Pvt. Ltd.	
	Mr. Prasant Bansal	MBA-Telecom (2007-2009)		Director - Sales	Aeris	
	Harsh Bansal	B.Tech - E &T (2005-2009)		Managing Partner	Bansal Stores	
	Prateek Saxena	MBA-Telecom (2008-2010)		Managing Director	Appinventive	

36. Diversity of staff

Response :

This being one of the few telecom institute in the Northern part of India high number of faculty come from other part of the state than from the Uttar Pradesh. With diverse faculty they bring in lot of knowledge and experience and they share with their colleague and pass on to the students. List of staff outlining their diversity is given below:

Percentage of faculty who are graduates					
	2012	2013	2014	2015	2016
Total	24	23	22	21	18
Of the same university %	--	--	--	--	--
From other universities within the State %	33.3	34.8	31.8	33.3	33.3
From universities from other States from %	66.6	65.2	68.18	66.6	66.6
Universities outside the country %	--	--	--	--	--

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Four as per detail given below :**

Response:

For career enhancement of faculty as also for the benefit of students to whom the faculty is teaching all facilities are made available in terms of adjusting their time schedule to pursue their study or for personal interaction with their guide. Free Wi-Fi facility is available to the faculty members to access the literature on the net. Should they require any books or other reading material necessary support is provided to the faculties in procuring the same through central library. All faculties are exhorted to write quality papers to improve their knowledge in their chosen field.

S. No.	Name	Year of awarding PhD
1	Ms Mamta Sharma	2009 (M Phil.)
2	Dr. Priyanka Agarwal	2012
3	Dr. Arun Kumar	2012
4	Dr. Anil Kumar Shukla	2013
5	Dr. Vangmayee Sharma	2016

38. **Present details of departmental infrastructural facilities with regard to**

Response:

Entire campus is Wi-Fi enabled to facilitate students and faculty members to access data any time anywhere within the campus. Class rooms are equipped with latest electronic teaching aids to make it world class in imparting lectures and tutorials. Library has proper database on the computer and issue receipt is maintained electronically to facilitate student to locate the material in shortest possible time without losing time. Labs are equipped with latest and adequate number of equipment for better practical instructions.

Library	Requirement of books by the institute are projected to the central library. As of now there are 850 books and 8503 volumes related to various topics taught in the institute.
Internet facilities for staff and students	All faculty members and staffs have Laptops/Desktops with the internet facilities and are connected on LAN of the university.
Total number of class rooms	6
Class rooms with ICT facility	All classrooms are equipped with PA and LCD Projections Systems

Students' laboratories	25. Students from AIAE and Travel & Ticketing department share Computer Lab of AITEM on required basis. AITEM makes use of Chemistry lab of Applied Science department and Satellite Comm, Circuit Simulation, Antenna Theory < PCB Design ,Engg Mechanic, Elements of Mech. Engg and Engg Graphics Labs of ASET Institute.
Research laboratories	Nil

39. List of doctoral, post-doctoral students and Research Associates :

From the host institution/university	(a) Dr Sujata Pandey has guided 08 PhD Scholars from 2012 to 2016. (b) Dr Arun Kumar is guiding 01 PhD scholars. (c) Dr Dheeraj Pawar has guided 2 PhD scholar (d) Dr. Anil Kumar Shukla is guiding 01 PhD Scholar
From other Institutions/ universities	None

40. Number of post graduate students getting financial assistance from the university: NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Nil

42. Does the department obtain feedback from

Response:

Institute has been seeking feedback not only from students but from parents, industry and subject experts so as to ensure that the syllabus is as per industry requirement and students are industry ready. Besides the feedback indicates if there is a requirement to carry out changes in course delivery and its assimilation by students and corrective actions are initiated accordingly. Details of feedback being obtained are :

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	(a) Carry out changes in the curriculum (b) Make corrective changes in curriculum based on inputs of AAB and BOS which take into account feedback from teaching faculty and learning evaluation
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Advise and guide staff to carry out necessary changes to improve upon teaching learning evaluation.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Include into the programme curriculum latest trends being used or in vogue in the industry or the one which are highlighted by industry in which they find students needs to broaden their knowledge pay more attention on

	specific aspect of the curriculum need so as to it is acceptable to the industry.
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43. **List the distinguished alumni of the department (maximum 10)**

Response:

With good student to faculty ratio and_ excellent tie-up with industry which facilitate students to do internship with leading telecom companies as also with quality education being impacted by the institution number of students have risen to higher positions in the company they had joined. List of some of the students is given below

S. No	Alumni Name	Programme Name	Associated with (Organisation Name)	Designation
1	Ms. Vertika Misra	MBA-Telecom	Cellular Operator Association of India	Assistant Director
2	Mr. Aakash Khosla	MBA-Telecom	Telenor	Programme Portfolio Director
3	Ms. Swati Birdi	MBA-Telecom	Fibcom India	Deputy Manager , Human Resource and Business Management Group
4	Ms. Vasudha Gauri	MBA-Telecom	Web Express Logistic Pvt. Ltd	Digital Marketing Head
5	Mr. Akram Zahid	MBA-Telecom	Concurrent System	Pre Sales-Solution Architect
6	Lt. Cdr. Vidisha Pandey	B.Tech (E&T)	Indian Navy	Lt. Cdr.
7	Ms. Jyotsana Shukla	B.Tech (E&T)	WebZap Technologies	Head, International Business
8	Ms Nishant	B.Tech	Vidooly	Co-Founder & Chief

	Radia	(E&T)		Marketing Officer
9	Mr. Raghav Kochchar	B.Tech– E & T	Deloitte & Touche AERS Indi Pvt. Ltd.	Consultant - Advisory
10	Mr.Divye Sanchi Kohli	B.Tech – E &T	TES-AMM India Pvt. LTD	Head – Sales

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

Guest lectures and seminars by industry expert and subject matter expert are conducted on regular basis for students to be up-to-date on latest technologies in telecom sector. List of workshops, seminars and conferences is as per table given below

Year 2015					
S.No	Name	Designation	Organization	Date of Visit	Topics
1	Mr. Veerendra Vasamsetty,	Innovation Manager,	Schneider Electric	30th March 2016.	Embedded Systems – Energy Efficiency & System Design
2	Dr. Venkata C Majeti	CEO	Loment Inc.	26th August 2015	Digital India
3	Lt. Gen. A K Agarwal	Country Head-LBS & Former President	LBS	11th March 2015	Digital India
4	Mr. Mahinder Srivastava	GM, BSNL	BSNL	16th Feb 2015	BSS operation & Maintenance-Issues, Challenges & Trends
5	Mr. U K Srivastava	Dy. Director Gen.(Radio), telecom Engineering Centre	Department of Telecommunication	29th January 2015	EMF Radiation - Myth or reality

5	Mr. Malcolm Johnson,	ITU's Director Standardization Bureau (ITU-T) Geneva,	ITU-T	10 th December 2014.	Emerging Trends in International Telecommunications Ecosystem
6	Mr. Vivek Chandok	Heads New Products and VP	Tech Mahindra	31 st October 2014	Leveraging ICTs for Building Smart Cities
7	Mr. Nitin Bajaj	Account Director	Tata Consultancy Services Ltd.	25 th September 2014	Cloud Computing & Internet of Things
8	Mr. Sumon Kar	Business Head- Customized IT Solutions, India	Orange Business Services	24th July 2014	Database and Storage as a service (DB-aaS & S-aaS)
9	Mr. R K Arnold-Member	Ex officio Secretary , Govt. of India TRAI	TRAI	27 th March 2014.	Next Generation Spectrum Management Challenges
10	Mr. Francios Rancy	Director,	ITU's Radio-Communication Bureau, Geneva		
11	Mr. Brian Bisgaard-	Founder & CEO	Bluetown, Denmark		
12	Mr. Dinesh Chand Sharma	Director-Standardization, Policy and Regulation (Seconded European Standardization Expert in India	European Business Technology Centre	21 st March 2014.	Machin to Machin
Year 2013					
13	Dr. Surendra Pal	President IETE	IETE	20th September 2013	"Perspective in Communication Past, Present and Future Trends

14	Mr. Arvind Bali	Director and CEO	Videocon Telecommunications Limited	23rd August 2013	Future of Telecom
Year 2012					
15	Col. Mahesh Khera	Founder	KTMT consulting Pvt Ltd.	16th August 2012	New Age High Growth Location Based Services (LBS) & Value Added Services(VAS)
16	Mr. Satya N Gupta	Chief of Corporate Affairs	Sterlite Technologies	24th August 2012	Current Regulatory Scenario in Telecom & Way Forward
17	Mr. Adrian Topp	Head Managed Services-Network & Operation	Ericsson	14th Sep 2012	Telecom Outsourcing....What Next?
18	Mr. Sanjay Singh	Country Head	Dialogic	19th September 2012	Operator's Dilemma & Strategies for Navigating through Turbulent Winds of Change blowing in the Telecom World
19	Mr. Sethumadhavan Srinivasan	Director - Marketing & Strategy	Huawei	01st November 2012	Indian Wireless Communication Paradigm: Opportunities and Challenges

20	Mr. Harpreet Singh Syali	Head Enterprise Business Line	MTS	19th December 2012	Business Opportunities and Challenges in B2B Environment
21	Mr. Ombir Singh	National Optimization Lead	Nokia Siemens Networks	12th January 2012	TDM to IP Transport Network Convergence
22	Mr. Tarun Kaushik	Transmission Lead in the National Planning Team	Nokia Siemens Networks	12th January 2012	TDM to IP Transport Network Convergence

Workshops

S.N o.	Date	Conducted by Organization	Program
1	21st September 2015	Ericsson India	Ericsson Empower Workshop for B.Tech Pre Final Year Students by Mr. Virendra Kumar Rai, Manager-Training-Ericsson
2	28th September 2015	IBM	Workshop on 'Data Analysis and Cloud Computing' for final year students of M.Tech – TSE and B.Tech-E &T, CS, IT And ECE by Mr. Vikash Sehgal –Director Telecom Industry, IBM
3	19th March 2015	CISCO	CISCO Networking Workshop for final Year students of B.Tech & M.Tech Students
4	25th September 2014	TCS	Cloud Computing & Internet of Things final year students of B.Tech -E&T, first year & final year students of MBA-Telecom Management, M.Tech -OEOC & M.Tech – TSE by by Mr. Nitin Bajaj, Account Director , Tata Consultancy Services Ltd.
5	28th - 30th January 2014	KPMG	Workshop for pre final year & final year students of MBA-Telecom & B.Tech -E &T ,enrolled for KPMG's KITE program

6	20th Sept -20th October 2013	KPMG	Web Based Training under KPMG's KITE Programme for pre final year & final year students of MBA-Telecom & B.Tech -E &T
7	11th October 2013	TCS	Work shop by TCS on 'Telecom & Emerging Technologies' for 2014 batch of MBA students by Mr. Amresh Nandan - Head of Strategic Initiatives and Mr. Rajit Sikka - Head Academic Relationship Manager from Tata Consultancy Services
8	7th March 2013	KPMG	KPMG Interaction session for pre-final year students of MBA-Telecom Management & B.Tech –Electronics & Telecommunication Engineering
9	16th - 18th July 2012	Ericsson India	Three days Class Room Training for Students of B.Tech E &T) by Ericsson India
10	14th July 2012	Ericsson India	Web Based Training under EXCEL Professional Certification Program by Ericsson India for B.Tech (E &T), 2009-13 Batch

Seminar/Conference/ Orientation Program

Name	Them/Title of Conference/Seminar	No of Participants Attended	No of Speakers
Telefocus 2016	Telecom Networks: Evolving from Hardware to Software'	70	8
Telefocus 2015	New & Innovative Business Models for Monetization of Mobile Broadband	104	6
Telefocus 2014	Mobile Data Proliferation- Boon or Bane	61	7
Telefocus 2013	Heterogeneous Networks In Mobile Revolution	37	6
Telefocus 2012	Next Generation Telecom technology Options & Their Business Model	39	4

Ist International Conference on (TEL-NET-2013)	Indian Wireless Paradigm: Opportunities and Challenges	406	5
HR	Industry – Academia Interaction for Development of Human Capital in ICT Sector	200	6
Domain Corporate Meet 2015	Application and Delivery for Digital India ‘	400	6
Orientation Programme	Growth in Telecom and opportunities for fresh Graduates	100	4
Orientation Programme	Growth in Telecom and opportunities for fresh Graduates	100	4
	Industry Expectations from Young Professionals	120	4
	Industry Expectations from Young Professionals	150	4

Members	Outcome of the Event
Amity Telecom Vision Board-2013	
Mr. B.D. Khurana – CMD Newgen Holdings , Mr. Sunil Dutt – Former MD Research in Motion (Blackberry) , Mr S S. Motial – Founder Director Nova Teleservices and former CMD ITI , Mr. Rajesh Agarwal – Co-Founder & MD Micromax , Mr. Satya N Gupta – Chief of Corporate Affairs Sterlite Technologies , Mr. Ajay Ranjan Mishra – Chairman Focus Group at ITU , United Nations , Mr. Sekhar Sahay – Director HR , Ericsson, Mr. Vikram Tiwatia – Associate D.G, COAI , Mr. Jagdish Mitra – CEO ,Canvas M , Mr. Sumit Sardana - Senior Director Sales – OnMobile, Mr. T.R. Dua – Senior Director, TAIPA and Mr Sanjoy Sarma VP & CTO Alcatel Lucent	Members given useful inputs on the curriculum. Industry accepted our students for live projects. OnMobile signed MoU for broader collaboration

Amity Telecom Vision Board-2014	
<p>Mr. Akhil Gupta- Vice Chairman, Bharti Enterprises and chairman Bharti Infratel, Mr. Vimal Wakhlu- CMD, TCIL; Mr. Ravindar Popli- Head - Service Delivery, India Region ,Nokia; Mr. T R Dua- Director, Tower And Infrastructure Providers Association(TAIPA); Air Commodore S S Motial Chairman DECT Forum India & Member, Board of Directors, ESSJAY Ericsson; Mr. Milind Pathak-Global Head New Business, One97 Communication Ltd.; Mr. Ajay Rajan Mishra-CEO, International Market for Innovation , Former Chairman- ITU innovations Focus Group (UN); Mr. Dinesh Chand Sharma-Director, Standardization, Policy & Regulation (Seconded European Standardizations Expert in India); Mr. Sachin Deshpande-Chief Operating Officer, Radius Synergy International Limited, Dr. Sumit Chowdhury, President Enterprises Business, Reliance Jio, Mr. Rakesh Kumar Upadhyay, Former CMD, BSNL, Mr. Anil Kumar Sinha, Former CMD, BSNL and Mr. Pradeep Jaswani, Director-TSSC.</p>	<p>This Vision Board Meeting was organized with following agenda:- a) Industry -Academia Cooperation for practical exposures/live projects/skill trg. b) Accreditation of B Tech-E&T course. Two Qualification Packs of TSSC started, c) Industry Supported Telecom Lab was inaugurated by Founder President & Mr. Akhil Gupta, Vice Chairman, Bharti Enterprises.</p>
Amity Telecom Vision Board-2015	
<p>Mr. Akhil Gupta, Vice Chairman, Bharti Enterprises & Executive Chairman, Bharti Infratel; Mr. Bhagwan D Khuranna, CMD, Newgen Holdings; Mr. R K Arnold,Former Member TRAI; Mr. T R Dua Director General-Tower And Infrastructure Providers Association(TAIPA); Mr. T.R. Dua – Senior Director, TAIPA. Mr. Jagdish Mitra – CEO ,Canvas M; Mr. Vikas Sehgal, Director- Telecom Business, IBM; Mr Sameer Khanna, Chief HR,Ericsson India Ltd; Air Commodore S S Motial, Chairman DECT Forum India & Member, Board of Directors, ESSJAY Ericsson; Mr. Hitesh Mehta, MD, Eagle Photonics Pvt Ltd, Mumbai; Mr. Sridhar Krish, COO, Tikona Infinite; Mr. Satya N Gupta, Country GM, Blue Town, Norway; Mr. Chandan Kumar, Director-Marketing & Integrated Solutions, Huawei; Mr. Dinesh Chand Sharma, Director-Standardization, Policy & Regulation (Seconded European Standardization Expert in India);</p>	<p>This Vision Board Meeting was organized with following agenda:- a) Forecast of Growth of Telecom in next five years. b)Expectation of Industry from Academia providing knowledge workers & Skill workers to meet the future challenges c) Expectation of Academia from Industry for Research Projects, Assistance in Skill Development, Curriculum Design and faculty development</p>

Mr. Tarvinder Singh, Head Strategy & Business Operations and Mr. Amit Marwah, CTO, Nokia India.	
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45. **List the teaching methods adopted by the faculty for different programmes.**

Response : Besides conventional board teaching latest electronic gadgets are being used to impart learning to the students. Some of the methods are listed below:

S. No.	Innovative Teaching Learning Methodologies
1	Case Based Learning
2	Field Based Learning
3	Lab Based Learning
4	Problem Based Learning
5	Conduction of Workshop/Guest Lectures/Seminars
6	Developing and imparting soft Skills/Communication Skills/Personality Development Courses/Module
7	LMS flipped

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response :

Institute has formed a Outcome Assessment Committee which under the chairmanship of the Head of the Institute ensures following :

- Formulate Program Learning Outcomes to guide subsequent steps in the assessment process.
- The learning outcome assessment monitoring is more qualitative and focus on improving teaching methods by analyzing student learning outcome.
- Quantitative approach is followed for doing the review of the programme/discipline as a whole , assessing its effectiveness, relevance and student learning .
- PEOs and PLOs are linked through mapping of learning outcome with established objectives. Each outcome has an objective and achievement of the outcome indicates the attainment of the said objective.
- Each outcome is assessed by at least one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with objective and thereby with the mission at the domain and institutional level.
- The result of the annual assessment and other relevant data is used to determine the effectiveness of the programme during assessment of the learning outcome.
- See to it that Program Learning Outcome include following three attributes:
 - Meaningful to faculty and students.
 - It is Comprehensive
 - Measurable.
- Ensure outcome assessment plan is based on programme mission statements and

objectives, but they should be written from the perspective of what the student will learn.

- (i) It is ensured that Program Learning Outcomes is written as a set of statements that specify what faculty expect students in their program to know, be able to do, or be able to demonstrate as a result of successful completion of the program.
- (j) PLOs are broader and more comprehensive than learning outcomes associated with individual courses.
- (k) Programme Review-Through programme review following criteria are assessed
 - (i) Students are learning the knowledge, skills and habits necessary to achieve programme goals and objectives.
 - (ii) The programme goals are derived from the institution's mission.
 - (iii) The instructions are acting as enabler to the students.
 - (iv) The curriculum is coherent, current and consistent

Major attributes of PLOs assessed by direct/indirect methods of evaluation are tabulated below:

S. No	Attributes	PLO's	Direct	Target Performance	Indirect	Target Performance
1	Engineering Knowledge	Graduates will be able to apply the knowledge of mathematics, science, engineering fundamentals, and domain knowledge of Electronics and Telecommunication Engineering to the solution of complex engineering problems.	*Comprehensive Exam/Viva on annual basis	*80% students shall pass the exam.	Student Exit Survey	80% students' response range between 4-5 on the Likert Scale in the Student Exit Survey.

2	Investigation	Graduates will be able to use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	* Summer Internship/in-house practical training /Major Projects /Minor Projects (Rubrics) *Comprehensive Exam/Viva on annual basis	*100% students will undertake and 90% shall complete the same in first attempt * 80% students shall pass the comprehensive exam	Feedback of Industry Internship Guide/External Examiners	The Industry Internship Guide rates the students between 4-5 ranges on the Likert Scale in the feedback.
3	Modern Tool Usage	Graduates will be able to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations with focus in	* Design based experiments/ Term Paper/ Practical Training/ Industrial Internship/ Major	100% students shall leverage IT in order to complete their Assignments and Projects	Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.

		Electronics and Telecommunication Engineering	Project			
4	Design/development of solutions	Graduates will be able to design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	*Comprehensive Exam/Viva on annual basis	80% students shall pass the exam.	Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey
5	Communication	Graduates will be able to communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	*Communication skills Course Result analysis of all semesters *Comprehensive Exam	* 80% students should secure a grade of 5 and above on a 10-point scale in the presentation component of communication skills course. * 80% students shall pass the exam	Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.

6	Individual and Team Work	Graduates will be able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	*Behavioural Science Course Result analysis of all semesters * Comprehensive Examination	* 80% students should secure a grade of 5 and above on a 10-point scale. *80% students shall pass the exam	Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.
7	The Engineer and Society	Graduates will be able to apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	*Behavioural Science Result Analysis of all semesters	* 80% students should secure a grade of 5 and above on a 10-point scale	Student Exit Survey	80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.

8	Ethics		<p>*Plagiarism Checking of Term Paper/Practical Training/Industrial Internship/Major Project</p> <p>* Comprehensive Exam</p>	<p>100% Students are checked for plagiarism.</p> <p>*80% students shall pass the exam</p>	Feedback of Industry	<p>The Industry Internship Guide rates the students between 4-5 range on the Likert Scale in the feedback.</p> <p>80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.</p>
9	Project Management and Finance	<p>Graduates will be able to demonstrate knowledge and understanding of the Electronics & Communication engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</p>	<p>*Result analysis Term Paper/Practical Training/Industrial Internship/Major Project</p>	<p>Students should secure a grade of 5 and above on a 10-point scale.</p> <p>*80% students shall pass the exam</p>	Student Exit Survey	<p>80% students response range between 4-5 on the Likert Scale in the Student Exit Survey.</p>

10	Lifelong Learning	Graduates will recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	* Comprehensive Exam	80% students shall pass the exam.	Student Exit Survey Alumni Survey	80% students response range between 4-5 on the Likert Scale in the Alumni Survey.
11	Environment and Sustainability	Graduates will be able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	* Comprehensive Exam	80% students shall pass the exam.	Student Exit Survey Alumni Survey	80% students response range between 4-5 on the Likert Scale in the Alumni Survey.
12	Problem Analysis	Graduates will be able to identify, formulate and solve complex engineering problems reaching substantiated conclusions with focus in Electronics and Telecommunication Engineering	* Comprehensive Exam	80% students shall pass the exam.	Student Exit Survey Alumni Survey	80% students response range between 4-5 on the Likert Scale in the Alumni Survey.

47. **Highlight the participation of students and faculty in extension activities.**

Response :

Case study of 5 patients suffering from chronically diseases in “REN BASERAS” with PRERNA NGO (4 students)

1. Child education in Nagar Nigam Prathamik Vidyalaya estd. Year 1989 (2 students)
2. Health record of domestic animals: with SPCA Noida (1 student)
3. Spreading cancer awareness among students with YODDHAS NGO (5 students)
4. Survey of cancer patients in hospitals with YODDHAS NGO (5 students)
5. Helping old and ill people in slum areas (4 students)

(a) Participation of faculty members in extension activities:

S . N o	Name of Faculty member	Design.	Date of Joining	Details of Extension Activity done by faculty member			Role of Faculty member
				Date of Project / Activity	Location	Total number of hours volunteered	
1	Dr. Vangmay ee Sharda	Assista nt Profess or I	13 th July 2009	March 2016/ Cancer Awareness Campaign in colleges	Amity University, Noida, JSS Engg. College, Jaypee University, Noida	10-12	Went With Students To spread Cancer Awareness
2	Dr. Vangmay ee Sharda	Assista nt Profess or I	13 th July 2009	Feb-Mar 2016/ Survey of various cancer hospitals and support patients to fight against cancer.	Park Hospital Delhi, Alchemist Hospital Delhi and Gurgaon	20-25	Co-ordinated between students and the Cancer Support NGO “YODDHAS”

Students approached various educational institutes/colleges so that they can talk to their students and tell them and spread awareness regarding the disease. For this our faculty co-ordinated with the institute. Our team went there and we distributed the pamphlets and brochures. We requested students to pledge that they won't smoke and drink. We told them the ways by which they can help a cancer patient.

Students also approached various hospitals for seeking their permission to survey patients in there hospital. For this they took a signed letter head from their institute AITEM as it was requirement of hospital and the faculty co-ordinated with cancer support NGO “YODDHAS”. Hospitals approved our request under following conditions, according to this student will

complete their survey without intervening medication of patients and complete their visit under Hospital rules.

(b) Participation of students in extension activities:

S. No	Name of Student	Enroll. No.	Prog. Name	Details of Extension Activity done by Student		
				Date of Project / Activity	Location	Total number of hours volunteered
1.	A1607113003	Mr Sudipto Banerjee	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
2.	A1607113004	Ms Aishwarya Goel	B. Tech (E&T)	Jan-Mar 2016, Case Study of 5 Patients Suffering From Chronical Diseases	Prerna, Social Development and Welfare Society	20-25
3.	A1607113014	Mr Shubhang Heryani	B. Tech (E&T)	Jan-Mar 2016 , Women Welfare	Goonj,	20-25
4.	A1607113024	Mr Shobhit Mendiratta	B. Tech (E&T)	Jan-Mar 2016, Children Welfare	Able Youth,	20-25
5.	A1607113031	Ms Sanjana Jha	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
6.	A1607113042	Mr Ryaan Verma	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO,	20-25
7.	A1607113043	Mr Ayush Sharma	B. Tech (E&T)	Jan-Mar 2016, Providing Medical Help to old people in slum areas	Welfare of Old People	20-25
8.	A1607113046	Mr Akshay Gupta	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25

9.	A16071 13049	Ms Aakriti Saini	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
10.	A16071 13050	Ms Aishwa rya Mahant	B. Tech (E&T)	Jan-Mar 2016, Case Study of 5 Patients Suffering From Chomical Diseases	Prerna, Social Development and Welfare Society	20-25
11.	A16071 13055	Ms Nimran Kaur	B. Tech (E&T)	Jan-Mar 2016, Case Study of 5 Patients Suffering From Chomical Diseases	Prerna, Social Development and Welfare Society	20-25
12.	A16071 13060	Ms Saumya Singal	B. Tech (E&T)	Jan-Mar 2016, Case Study of 5 Patients Suffering From Chronical Diseases	Prerna, Social Development and Welfare Society	20-25
13.	A16071 13071	Mr Himans hu Choudh ary	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
14.	A16071 13073	Mr Karan Tomar	B. Tech (E&T)	Jan-Mar 2016, Providing Medical Help to old people in slum areas	Welfare of Old People	20-25
15.	A16071 13080	Mr Ashish Jain	B. Tech (E&T)	Jan-Mar 2016, Providing Medical Help to old people in slum areas	Welfare of Old People	20-25
16.	A16071 13091	Ms Naina Gupta	B. Tech (E&T)	Jan-Mar 2016, Animal Welfare	SPCA, Noida	20-25
17.	A16071 13034	Mr Abhish ek Chauha n	B. Tech (E&T)	Jan-Mar 2016, Providing Medical Help to old people in slum areas	Welfare of Old People	20-25

18.	A16071 13107	Ms Sonakshi Thusoo	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
19.	A16071 13109	Mr Aakash Chawla	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
20.	A16071 13110	Ms Hera Saeed	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25
21.	A16071 14036	Ms Ankita Gupta	B. Tech (E&T)	Jan-Mar 2016, Cancer Awareness	Yoddhas NGO	20-25

48. Give details of “beyond syllabus scholarly activities” of the department.

Response :

Students and faculty have been involved in “beyond syllabus scholarly activities” as per below detail :

(a) Undertaken by Students :

- (i) Students undergoing B.Tech (E&T) and M.Tech (TSE) also appear in following certification Examination conducted by Telecom Sector Skill Council:
- (ii) Field Maintenance Engineer
- (iii) Infrastructure Engineer
- (iv) BSS support Engineer
- (v) Students of B.Tech (E&T) undergo training and Certification courses of Excel programme.

(b) Undertaken by faculty :

Dr.PriyankAgarwal has one unpublished case study with instructional material. Three presentation related to teaching in conferences and seminars. Three publications related to teaching in journals.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response : AITEM’s B Tech Programme is accredited by IET (UK) in year 2011

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response : Contribution of the institute is highlighted in succeeding paragraph

(a) Specialized Telecom Lab

This is one of the unique telecom lab in any university in the country having live telecom equipments viz, Cellular Mobile Base Station, three sectors antenna, mini-microwave link, state of art SMPs Smart Power meter and solar panel. This lab also has working model of cell site with passive infrastructure viz; BTS Shelter, External BTS, Gen set, solar panel and tower etc. Lab also has anti-static flooring required for cell site.

Leading telecom networks/service providers have contributed all the equipments for this unique lab. Industry is also supporting the institution in imparting training as & when required by the faculty & students.

Industry or corporate bodies (Name)	Lab details(Equipments)
Bharti Airtel	Complete GSM Cell Site Comprising of GSM Sector Antenna : a) Base Transceiver Terminal (BTS) b) Mini Link c) Transmission Rack d) Battery Bank
Delta Power Solutions	Integrated Power Supply (SMPS)
Indus Tower	In Building Solution (IBS)
Bharti Aitel	Dual Polarized, Multi Band GSM Antenna
Ericsson India	Site Master
Radius Infratel	Fiber To The Home (FTTH) Deployment Architecture

(b) Telecom Sector Skill Council (TSSC)

Amity becomes the first University in India to impart Skill Training to Telecom Engineering Graduates in association with National Skill Development Council (NSDC) and Telecom Sector Skill Council (TSSC)

In order to bridge the gap between the skill set of graduating students and industry expectations, Amity Institute of Telecomm Engineering and Management (AITEM), Amity University Uttar Pradesh aligned with National Occupational Standards (NOSs) and offered two skill oriented modules related to the job roles of “Infrastructure Engineer” and “Field Maintenance Engineer”, as specified by Telecom Sector Skill Council (TSSC).

As a part of the regular B.Tech (E&T) course programme, 28 students opted for skill oriented course aligned to job roles “Infra Engineer’ & “Field Maintenance Engineer “in the final semester.

These certificates will have due recognition both in Government and Industry.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department are given below:**

Response : Details of five Strengths, Weaknesses, Opportunities and Challenges (SWOC) are appended below

S. No	Strengths
1.	Curriculum is industry aligned and designed to facilitate/improve prospects of employability of students in telecom, electronics and IT industry besides encourage them for entrepreneurship or higher studies.
2	B Tech (E&T) program/curriculum has been worked out in close interaction with Telecom Sector Skill Council (TSSC) to ensure passing out students are endowed with technical skill and are industry ready.
3	Institute has strong mentor-mentee system to cater to both personal and academic needs of students.
4	Adequate test and measuring equipment in labs for performing experiments relevant to the curriculum.

S No	Weaknesses
1	Less awareness among prospective students about the Telecom programs..
2	Low projection of profile of faculty and institute for exchange programme
3	Consultancy assignments are not forthcoming.

S. No	Opportunities
1	Opportunity exists to create awareness about the Institutional programs.
2	Opportunity exists to motivate faculty members to participate in exchange program with other universities/research centre.
3	International faculty can be made available under exchange program.
4	To commence Ph D program.
5	Patent and commercialization of projects /research work/ideas.

S. No	Challenges
1	Possibility exists to include program/curriculum by other institute within the Amity University.

2	Sensitization of students regarding greenhouse effects
3	To motivate faculty members to file patents and get PhD qualified without incentive.
4	Increase awareness among school students about future prospects of Telecom programs and orient them to take up telecom programs.
5	Constant efforts to start consultancy services.

52. Future plans of the department.

Response : The institute's future plans are enumerated below :

- (a) Work towards achieving NBA accreditation a prestigious and well recognised accreditation.
- (b) Focus/Provide more thrust towards research work.
- (c) Plan and work towards starting Ph. D programme.
- (d) Have more international collaborations like faculty exchange and research paper work etc.
- (e) Organise more international conferences.
- (f) Work out strategies to increase the intake of students.
- (g) Motivate students to have international exposure, as much as possible.
- (h) To tie up with industry to run training programme for them.
- (i) Work towards commence following diploma courses :
 - (i) Diploma in Telecommunication and Infrastructure.
 - (ii) Diploma in Broad Band Technology.
 - (iii) Diploma in Fiber Optics Communication

Evaluative Report (Amity Institute of Nuclear Science & Technology)

1. **Name of the Department:** Amity Institute of Nuclear Science & Technology (AINST)
2. **Year of establishment:** 2009
3. **Is the Institution / Department is part of a School/Faculty of the university?**

Response : Yes, the institute is a part of Domain of Engineering & Technology (Faculty of Sc., Eng. & Tech.), AUUP

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

Response : AINST is offering following programmes

- B.Tech NST
- B.Tech + M.Tech NST
- M.Tech NST
- Ph.D NST

5. **Interdisciplinary programmes and departments involved:** Nil

6. **Courses in collaboration with other universities, industries, foreign institutions, etc:**

Response: Nuclear Security in collaboration with Texas A&M University; USA, KCL;UK, IAEA;Vienna

7. **Details of programmes discontinued, if any, with reasons:** Nil

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**

Response: The Institute is offering semester system and offered basket of courses.

9. **Participation of the department in the courses offered by other departments / institutions:**

Response: Apart from core courses the institute is offering courses of

Applied Sciences	Open Electives	HVCO
ECE	OABC	Skill Based Courses
MAE	VAC	MTC
CSE	Domain electives	BSI courses

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response: The details are as follows

Designation	Sanctioned	Filled	Actual
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			including CAS & MPS
Professor	3	3	3
Associate Professors	1	1	1
Asst. Professors	6	6	6

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response: The details are given in the table below

#	Name	Qualification	Designation	Specialization	Experience	Ph.D./M.Phil. guided for the last 4 years
1	Dr. Alpana Goel	M.Sc Ph.D	Associate Professor, Addl. Director & Head AINST	Nuclear Physics	30	4-pursuing
2	Prof. A N Garg	M.Sc Ph.D	Professor Emeritus AINST	Nuclear and Radio-Chemistry	50	1
3	Prof. Tejram	M.Sc Physics	Professor Emeritus AINST	Nuclear Engineering, Design of Nuclear Reactors: fast and thermal	40	NA
4	Dr. H S Sharma	M.Sc Ph.D	Professor	Radiochemistry	45	2
5	Dr. Arpita Datta	M.Sc Ph.D	Assistant Professor - I	Radioanalytical Chemistry	4.5	0
6	Ms. Archana Yadav	B.Sc, M.Tech	Assistant Professor - I	Nuclear Operations	5	NA
7	Mr. Prakharesh Awasthi	B.Tech + M.Tech, Pursing Ph.D	Assistant Professor	Nuclear Science & Technology	2	NA
8	Dr. Subhankar Paul	PhD	Assistant Professor	Thermal Hydrolics	1	0(newly joined Faculty)
9	Mr. Naveen Kumar	MSc. PhD(Thesis Submitted)	Assistant Professor	Experimental Nuclear Physics	3	NA

10	Dr. Divya Aggrawal	PhD	Assistant Professor -III	Mathematics (operational research)	9	0
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12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response:

The emeritus professors in the department have retired from renowned institutions and industries from the Nuclear sectors. Prof. A N Garg had served at IIT Roorkee and Prof. Tejram has an industry experience of 35 years from Narora Atomic Power Station. Following are some of the senior visiting faculty members:

1. Prof. A. N. Garg, Emeritus Professor
2. Dr . Samit Kr. Mandal, Associate Professor, Dept. of Physics and Astrophysics, University of Delhi
3. Dr. Raghuvir Singh, Professor (Retd.) Dept. of Physics and Astrophysics, University of Delhi
4. Dr. Satyendra Sharma, Director, Panchvati Institute of Science and Technology, Ghaziabad

13. Percentage of classes taken by temporary faculty – programme-wise information

Response:

The classes are taught by regular faculty members, only 5-10% by visiting faculty. The details are as follows

- B.Tech : 5%
- B.Tech + M.Tech : 5%
- M.Tech : 2%

14. Programme-wise Student Teacher Ratio

Response: The details are given in table below

#	Programme Name	Student Teacher Ratio
1	B.Tech	4:1
2	B.Tech + M.Tech Dual degree	
3	M.Tech	

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response: The details are given in table below

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	1	1	1

academic support staff (technical)	1	1	1
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16. Research thrust areas as recognized by major funding agencies

Response:

The Nuclear field is an applied technology therefore funding like department of science and technology, Indian Council of Medical Research, Ministry of Food Processing Industries and Board

of Research in Nuclear Sciences can be approached for funding both for projects and organising industry oriented events.

#	Funding Agency	Research thrust area
1	BRNS, DST, ICMR, MOFPI	Applications of radioisotopes in different fields, like agriculture, food and medical.
2	BRNS, DST	Nuclear Physics, Super deformed nuclear Techniques

17. Number of faculty with ongoing projects from a) national b) international funding agencies

and c) Total grants received. Give the names of the funding agencies, project title and grants

received project-wise: Nil

18. Inter-institutional collaborative projects and associated grants received: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;

total grants received: Nil

20. Research facility / centre with

Response:

AINST, Amity University has been provided with sources from Bhabha Atomic Research Centre, Mumbai. Also AINST, Amity University has been listed on International Nuclear Security

Education Network, International Atomic Energy Agency (IAEA).

Level	Name of Research facility / centre
National recognition	BRIT, BARC, Mumbai, VECC, SINP, IUAC, Delhi University, D.
International recognition	IAEA (International Atomic Energy Agency)

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications:

Response:

Most of the Faculty Members have published papers in some reputed journals of Nuclear and related technologies like the Journal of Radio analytical Nuclear Chemistry, Pramana, Asian Journal of Chemistry, Central European Journal of Physics, Journal of Pharmaceutical and Biomedical Analysis, RSC Advances, etc.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	40
Monographs	01
Chapters in Books	
Edited Books	4
Books with ISBN with details of publishers	
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	33
Citation Index – range / average	50-150
SNIP (Source Normalized : Impact per Person)	
SJR (Scimago Journal Rank)	
Impact Factor – range / average	1-2
h-index	

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response:

The faculty has been attending international conferences, training programs, and workshops organized by various international agencies like International Atomic Energy Agency (IAEA), Texas A & M, Sandia National Laboratory (SNL), Oak Ridge National Laboratory (ORNL), National Tsing Hua University, Taiwan. Due to active participation at IAEA meetings AINST, Amity University is now in the list of International Nuclear Security Education Network. Also there has been active participation and visits to National Laboratories and Defence Research organizations Like Bhabha Atomic Research Centre, Trombay. Three faculty Members have attended the Nuclear Security Workshops held at IIT Kanpur and PDPU Gandhinagar.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1	Dr. Alpana Goel	Addl.Dir. & Head	IAEA, Vienna	International
			IAEA, Vienna	International
			BARC, Mumbai	National
			PDPU, Gandhinagar	National
			KCL	International
			Institute for Defence studies and Analysis, Delhi	National
			Wilton Park, UK	International
			Win Global, Abu Dhabi	International
			Human Reliability & Behavioural Observational Professional Training	International
			IAEA, Vienna	International
			Sri Ram Institute of Industrial Technology, Delhi	National
2	Prof. AN Garg	Prof. Emeritus	BARC, Mumbai	National
			SRI Ram Institute of Industrial Technology, Delhi	National
3	Dr. H S Sharma	Professor	BARC, Mumbai	National
			PDPU Gandhinagar	National
			SRI Ram Institute of Industrial Technology, Delhi	National
4	Ms. Archana Yadav	Assistant Prof. -I	Texas A& M/ SNL/ORNL/INMM	International
			Institute for Defence studies and Analysis, Delhi	National
5.	Mr. Prakharesh Awasthi	Assistant Professor	Amity University, Dubai	International
			SRI Ram Institute of Industrial Technology, Delhi	National
6	Dr. Arpita Datta	Assistant Professor	SRI Ram Institute of Industrial Technology, Delhi	National

26. Faculty serving in

Response:

The faculty has been actively involved in the Selection and promotion (of Scientists and Faculty) committees of Universities and Research Laboratories like Defence Research and Development Organization (DRDO). The faculty have also been invited as chairman of thesis evaluation and Viva Voce for Ph.D candidates.

S. No.	Name Committee/ Board	Faculty Name	Design.	Member of Committee / Board
a	National committees	Dr. H. S. Sharma	Professor	Internal screening committee meeting, DRDO
		Dr Alpana Goel	Associate Professor and Head	IANCAS Organizing Committee
		Prof. A. N. Garg	Prof. Emeritus	IANCAS Organizing Committee
b	Editorial Boards	Prof. A N Garg	Prof. Emeritus AINST	Editorial Advisory Board
c	International committees	Dr.Alpana Goel	Addl.Dir. & Head	INSEN
d	any other (please specify)	Prof. A N Garg	Prof. Emeritus AINST	Subject Expert, Pune University Selection Board
		Prof. H S Sharma	Professor AINST	Peer Review Committee Chairman, External Expert on promotion Board , Examiner Ph.D viva,
		Prof.Tejram	Prof. Emeritus	Indian Nuclear Society
		Dr.Alpana Goel	Addl.Dir. & Head	Indian Nuclear Society, IANCAS, IAPT, INSEN
		Dr.Arпита Datta	Assistant Prof. - I	IANCAS
		Ms.Archana Yadav	Assistant Prof. - I	Indian Nuclear Society

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

All the faculty members who have joined Amity University from 2012-2016 have attended the refresher courses organised by the Amity staff college on Amity Academic Structures and Systems.

The faculty has also attended and organised workshops and training programs in the university.

Conferences/Guest Lectures

S. No	Event	Organised	Attended
a	Refresher	-	5
b	Orientation programs	-	4
c	Workshops	3	3
d	Training programs	3	10
e	Similar programs (please specify) Guest Lectures	20	20

28. Student projects :

Response:

The students are sent to reputed labs across India for their summer trainings and dissertation projects like Variable Energy Cyclotron Centre, Saha Institute of Nuclear Physics, Bhabha Atomic Research Centre, Nuclear Fuel Complex, Indira Gandhi Centre for Atomic Research, Inter University Accelerator Centre, Institute for Plasma Physics, IIT Bombay, Institute for Nuclear Medicine and Allied Sciences etc. Also meritorious students get the opportunity to attend the

Nuclear Security Training Series conducted across reputed national laboratories of United States.

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	100%

29. Awards / recognitions received at the national and international level:

Response:

Students have actively participated in events organised by IAEA. The participation was fully sponsored by CRDF global. The details are given in tables below

Received by Faculty:

Breakup into two: national and International

S. No.	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1	Prof. A N Garg	Prof. Emeritus AINST	Prof. Fredric Joliot Endowment Lecture Award	2012	National
			Dr. M V Ramanaiah Memorial Life time achievement award	16 th March 2012	National
			Life time achievement in Material Science by the Nagpur University on the occasion of their Golden Jubilee	February 2015	National
2	Ms. Archan Yadav	Assistant Professor	Nuclear Security Test Series	June 2015	International

Received by Students:

S. No.	Student's Name	Program me Name	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1	Dhruv Dharamshi	B.Tech + M.Tech Dual Degree, 2012-2017	Nuclear Security Test Series	June 2015	International
			WNU's Nuclear Olympiad 2016 - Finalist (IAEA - Vienna, Austria)	Aug, 2015	International
			PNS and CRDF Global's Nuclear Security Multimedia Competition 2015 - First Place	Jan, 2016	International
			. IRPA - Presentation (Cape Town, South Africa)	May 2016	International
			Certified Nuclear Security Professional from World institute for Nuclear Security (WINS) Vienna, Austria.	Mar, 2016	International

2	Indranil Bisuri	B.Tech + M.Tech Dual Degree, 2013-2018	Nuclear Security Test Series	June 2016	International
			www.securethenuke.in” for Nuclear Security Multimedia Competition 2015. Secured the third position in the competition and won a grant of \$1000.	April 2016	International
			Scholarship Recipient at WM Symposia 2016	March 2016	International
			Certified Nuclear Security Professional from World institute for Nuclear Security (WINS) Vienna, Austria.	Dec, 2015	International
			2 nd Prize in essay writing competition at VECC, followed by presentation.	Oct, 2015	National
3	Ms.Jagriti Dhingra	B.Tech + M.Tech Dual Degree, 2012-2017	Selected under the Prudential Foundation Global Citizens Program to spend last fall semester at The Washington Centre (TWC) in Washington D.C.	September 2015	International
			Nuclear Security Test Series	June 2015	International
4	Mr. Mayank	B.Tech + M.Tech Dual Degree, 2012-2017	Nuclear Security Test Series	June 2015	International
5	Mr.Jehhan Nicolson	B.Tech 2012-2016	Nuclear Security Test Series	June 2015	International
6	Mr. Akash Garg	B.Tech + M.Tech Dual	Nuclear Security Test Series	June 2016	International

		Degree, 2013-2018			
7	Mr. Sachin Singh	B.Tech + 2013-2017	Nuclear Security Test Series	June 2016	International
8.	Mr. Kumar Shashank Shekhar	M.Tech, 2015-2017	Nuclear Security Test Series	June 2016	International

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response:

The institute has organised professional development courses in collaboration with Kings College

London. The objective of this workshop was course curriculum development for Nuclear Security.

Faculty members from Institutions across India were invited to participate in the PDC.

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Source of funding National / International	Outstanding Participants
1.	Professional Development Course I	Workshop/ FDP	CRDF, KCL, PNS,US International	Faculties from Texas A & M ,KCL, UMAS Lowell
2.	Industry Event	Workshop	International and National Both PDPU, CRDF,PNS	Faculties from Texas A & M and Instructors from KCL, participants from various universities across India and Dhaka University.
3.	Professional Development Course II	Workshop/ FDP	KCL,CRDF,PNS International	Researchers from Kings College London.
4.	Applications of Radioisotopes	Workshop	Registration BRNS,National	Speakers from Bhabha Atomic Research Centre, Trombay
5.	Professional Development Course	Workshop/ FDP	KCL,CRDF PNS International	Instructors from KCL, participants from various universities across India.

6.	“Applications of Radioisotopes and Radiation Technology in Industry, HealthCare and Agriculture”.	Workshop	BRNS,Mumbai National	Researchers from BARC, DAE, The Tata Memorial Hospital etc.
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31 Code of ethics for research followed by the departments

Response:

Code of Conduct, Ethics and Administrative Procedures are well established to ensure the fair practices in research. Policy guidelines are available for protection and valorisation of intellectual property generated during scientific pursuit in the University. No compromise is made with the quality of research. Faculty members and scholars are encouraged to undertake the research projects. All the undertaken researches are conducted as the guidelines / norm issued by the concerned agency.

Following Policy guidelines are available for publication and presentation of research:

(1) Policy Guidelines (**G-53**) - University Research Policy

Policy Guidelines (**G-58**) for publication and presentation of research at symposia / meetings / conferences

32. Student profile programme-wise:

Response:

The student intake is small in number due to the course being very specialized. The pass percentage of the students is good since there is a good student Teacher interaction.

Name of the Programme (refer to question no. 4)	Applications received	Year	Selected		Pass percentage	
			Male	Female	Male	Female
B.Tech + M.Tech NST	28	2012	7	3	70	50
	32	2013	3	-	38	-
	20	2014	3	1	50	33
	14	2015	2	1	66	33
	9	2016	2	1	33	100
B.Tech NST	35	2012	8	3	57	43
	35	2013	2	0	22	-

	32	2014	4	0	40	-
	19	2015	5	1	83	16
	21	2016	5	1	50	50
M.Tech NST	17	2012	-	-	-	-
	7	2013	1	0	100	0
	16	2014	3	0	37	0
	5	2015	1	0	100	0
	7	2016	0	0	-	-
Ph.D (part time Jan)	5	2015	-	1	-	100
	5	2016	1		100	-
	7	2017	2	-	100	-

33. Diversity of students

Response:

There is a good number of students who are from other states opting for the discipline, the B.Tech course being taught at AUUP Noida Campus only. The student diversity helps students from various backgrounds and streams to come together and share their knowledge and experiences.

Name of the Programme (refer to questionno. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Tech NST	-	-	100	-
Ph.D	25	-	75	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response:

The students of AINST were for the first time allowed to appear for the Technical Training program in the BARC and IPR.

Percentage

Cleared Examinations	Number of students
GATE	01
Other competitive examinations (please specify):	1
BARC Ph.D	1
IPR Ph.D	

35. Student progression

Response:

Most of the students of the institute opt for the Ph.D Program due to limited number of options available outside the governmental sector.

Student progression	%
UG to PG	40
PG to Ph.D.	10%
Employed	
<input type="checkbox"/> Campus selection	35%
<input type="checkbox"/> Other than campus recruitment	10%
Entrepreneurs	5%

36. Diversity of staff

Response:

The Senior Faculty mostly comes from the state of Uttar Pradesh. This includes the faculties which left the organisation, along with the ones who have subsequently joined.

faculty who are graduates	No.s
of the same university	1
from other universities within the State	4
from universities from other States	4
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

Response:

The campus is fully WiFi enabled campus enabling data access anywhere around the university. All the faculty members have been given with Laptops to ensure updation with the latest gadgets. The department is equipped with two Radiation detection laboratories along with sealed radioactive sources. Modern Physics laboratory is also present to augment the classroom teaching along with practical overview.

Library	Central Library
Internet facilities for staff and students	<ul style="list-style-type: none"> Laptops for faculty with WIFI access Computers with LAN Connectivity
Total number of class rooms	04
Class rooms with ICT facility	Yes, all the classrooms have provision for laptop connections, wifi and overhead/LCD projectors.
Students' laboratories	03(labs of Applied Sciences and MAE, CSE,ECE are available centralised)
Research laboratories	01(ACRB)

39. List of doctoral, post-doctoral students and Research Associates

Response: AINST is offering doctoral (PhD) programme and details are given below

from the host institution/university	01
from other institutions/universities	03

40. Number of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response: No new programmes added since last four years

42. Does the department obtain feedback from

Response:

The feedback obtained from Industry guides, Parents, Students, Industry persons and Subject matter expert helps improve the course content and also the course delivery for the students to be more industry oriented.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, for course updating and course additions, Feedback taken into consideration through the channel of PRC, BoS and Academic council. New Courses have been added to increase the industrial and application based outlook of the students.
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Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, Through Amizone, CR meeting, survey base feedback. Feedback taken into consideration, Staff and Faculty are directly counselled by the Head of the Institution.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes, through the channel of AAB, BoS and Academic council the recommendations are analyzed and incorporated.

43. List the distinguished alumni of the department (maximum 10)

Response:

The students have been going for higher studies to the places of national and international reputed organisations .

S. No.	Alumni Name	Programme Name	Associated with (Organisation Name)	Designation
12.	Mr.Mayank Raput	B.Tech + M.Tech Dual Degree NST	Institute for Plasma Research	Doctoral Research fellow
13.	Mr.Lokesh Goel	B.Tech + M.Tech Dual Degree NST	Bhabha Atomic Research Centre	Doctoral Research fellow
14.	Ms.Deeksha Gupta	B.Tech + M.Tech Dual Degree NST	Belgium	Doctoral Research fellow
15.	Mr.Rahul Shankar	B.Tech NST	Glasgow University	Pursuing M.S
16.	Mr.Ayush Sinha	B.Tech NST	MIPT, Moscow	Pursuing M S
17.	Ms. Upvita Pandey	B.Tech NST	Universitat Heidelberg, Germany	Pursuing M S
18.	Mr. Jehaan Nicolson	B.Tech NST	Ecole de Nantes, France	Pursuing M S
19.	Mr. Ashwin	M.Tech NST	National Tsing Hua University, Taiwan	Doctoral Research fellow
20.	Mr. Rahul	M.Tech NST	Rail India Engineers, Gurgaon	Engineer
21.	Mr Abhiudaya kumar	B.Tech + M.Tech NST	Rail India Engineers, Gurgaon	Engineer

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response :

with appropriate data in tabular format: Guest lectures and seminars from Industry Experts and Researchers are organised at regular intervals. Industry visits have also been organised to Nuclear Power Plant for all the students of AINST to give a better overview of the facilities.

2012	2013	2014	2015	2016
Guest lecture :Thorium as Abundant Source of Energy	Workshop: Cyber Security and Ethical Hacking	Guest lecture Chemistry of Actinides, Speaker from Bhabha Atomic Research centre, Mumbai	Guest lecture: Prospects & Challenges of Nuclear Energy Programme in India, By Prof. C Ganguly, from Nuclear Fuel Complex Hyderabad.	Applications of Radioisotopes in Industry, Medicine and Agriculture
	Guest lecture: The Application of Radio Isotopes”	Guest lecture: The Development and Prospects of Nuclear Energy in India	Guest lecture: Applications of Radioisotopes in Hydrology, Prof. P S Datta	Industry Visit: Narora Atomic Power Station
	Guest lecture: Atomic Energy in India	Guest lecture: Our Cosmic Roots		Dr Akihiro Iwase , Department of Material Science, Osaka Prefecture University, Japan
	Guest lecture: Discovery of Quark Gluon Plasma –Dr D K Srivastava, Director VECC	Industry Meet in collaboration with Texas A & M and PDPU Gandhinagar		Sunil S. Chirayath Research Assistant Professor Texas A& M University, USA Director, (NSSPI)
	Industry Visit: Narora Atomic	Human Value Quarter: Visit to		

	Power Station	MANVAYATA N Old Age Home, and distribution of Sweets and Fruits on the occasion of HOLI in a temple nearby sector 37 Noida.		
	Debate HVQ: Efficacies of implementation of new rules for Crime Against Women			

45. List the teaching methods adopted by the faculty for different programmes.

Response:

Varied modes of information transfer are being utilized from the conventional board teaching to power plant presentations. Some of the specialized courses like Nuclear Security require specialized modes of teaching like table top exercises. The list of adopted teaching methods is given in table below

Program	B.Tech + M.Tech NST	B.Tech h NST	M.Tech NST	Ph.D	Courses
Teaching Methods					
Boarding Teaching	√	√	√	√	For all the courses
tutorial sessions	√	√	√	√	
Case studies	√	√			Fission and Fusion Processes for Nuclear Energy, Reactor Safety & Reliability
Laboratory Sessions	√	√	√		Advanced Modern Physics, Nuclear Measurement lab.
Table top exercises* <i>For some courses only</i>	√	√	√		Nuclear Security, Nuclear Security and Security

					Culture
Industry Visits	√	√	√		Reactor Physics, Physics and Design of Nuclear Reactors, Nuclear Fuels, Nuclear Waste Management
OHP Presentations	√	√	√	√	Nuclear fuel Cycle
Seminar	√	√	√	√	Interaction of radiation with matter and nuclear detectors, Plasma Physics and Fusion Reactors, Accelerator Physics and Technology
Presentations	√	√	√	√	Accelerator Physics and Technology, Nuclear Physics etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response: The assessment plan is described below:

Outcome Assessment:

The learning outcome assessment monitoring is more qualitative and focuses on improving teaching methods by analyzing student learning outcomes.

Quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning.

The learning outcome monitoring include aligning of domain mission to institutional mission and finally to the program objective. These broad goals are categorized in two categories namely educational goal and operational goal.

Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome have an objective and achievement of the outcome indicates the attainment of the said objective.

Assessment of learning outcomes:

Each outcome is assessed by at least one direct and one indirect method of evaluation. It is

ensured that the outcome achieved is consistent with the objective and thereby with the mission at the institutional and domain level.

The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes.

Program Review:

Through program review we assess and overview the following criteria:

1. Students are learning the knowledge, skills and habits necessary to achieve program goals and objectives
2. The program goals are derived from the institution's mission.
3. The curriculum is coherent, current and consistent.
4. The instruction is acting as enabler to the students.
5. The requisite resources are adequate for student learning
6. The academic support services are adequate to facilitate student learning

47. Highlight the participation of students and faculty in extension activities.

Response :

Students and faculty members of AINST are involved in the activities for rural area development, have visited NGOs, also they prepare a poster on sociological issues every semester for awareness.

48. Give details of “beyond syllabus scholarly activities” of the department.

Response:

The faculty has been actively participating in organising and attending lectures and conferences. Guest lectures are organised regularly from industry experts and academia experts to broaden the horizon of students.

S. No	FACULTY NAME	SCHOLARLY AND PROFESSIONAL ACTIVITIES, PAST FOUR YEARS				
		SCHOLARSHIP OF:				PROFESSIONAL ACTIVITIES
		TEACHING	DISCOVERY	INTEGRATION	APPLICATION	
1	Dr. Alpana Goel	Presentations at Conferences, Curriculum Review, New Courses, New Teaching/Learning Assessment Tools	Papers Presented, Session Chair, Dissertation/Thesis	Publish Articles, Conference Workshop attended	Presentation at conference/workshops, program evaluation	Conference workshop attendance/Organised : 1. IWPS D - 2013 2. Professional Development Courses
2	Prof. AN Garg	Publish Articles,	Publish Articles,	Publish Articles	Publish articles,	

		New Courses, Curriculum Review	Papers Presented, Session Chair, Dissertation/ Thesis		Presentation at conference /workshops, program evaluation	3. IANCAS workshop - 2015 4. NAARRI workshop – 2016, Professional Membership: IANCAS, INS, IAPT
3	Prof. H S Sharma	Curriculum Review		Conference Workshop attended	program evaluation	
4	Ms.Archan a Yadav	Curriculum Review, Publish Articles	Publish Articles	Publish Articles, Conference Workshop attended	Presentation at conference /workshops	
5	Dr.Arпита Datta	Curriculum Review, Publish Articles	Publish Articles	Publish Articles, Conference Workshop attended	Publish articles, program evaluation	
6	Mr.Prakhar esh Awasthi	Curriculum Review		Conference Workshop attended	Program evaluation	

49 **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:**
 ISO-BSI 2014

50 **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

The institute made following contributions

- Only Institute in India Imparting Undergraduate and UG + PG education in Nuclear and Allied Technologies
- Fully dedicated to imparting knowledge in field of Nuclear Science & Technology.
- Tools design to evaluation and assessment process

51 **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department**

Response:

The SWOC of the department are given in the tables below

S. NO.	Strengths
1.	Qualified and experienced faculty members
2.	Outcome base teaching-learning process. Regular monitoring of goals for better outcomes.
3.	Choice based credits course selection, flexibility to students in choosing their subjects.
4.	Department on the list of Nuclear Security Education Network, IAEA portal.
5.	Global exposure to students and faculty members

S. No	Weaknesses
1	To develop research facility (WET laboratory)
2	More students should take admission in this discipline-Intake.
3	Research Projects/patents
4	Partnership with Nuclear industries

S. No.	Opportunities
1	The institute is expanding, with many future opportunities for success.
2	Funding from external agencies like PNS/CRDF for seminar and conferences is improving the visibility and approach of the institute
3	With the aid of industry meets/ conferences and seminars in the near future we expect a better exposure to the outside world
4	Students can pursue their research work in the prestigious institutions like BARC, IPR ,VECC and SINP etc.
5	Students have an excellent opportunity to participate in Nuclear Security Test Series run by US dept. of State.

S. No.	Challenges
1	To include the stream of nuclear science & Technology in the GATE examination.
2	To set up research laboratory at the institute.
3	Student Placements
4	Increasing intake of students
5	Getting industry exposers/collaboration for students.

52 Future plans of the department.

Response:

Future plans of Amity Institute of Nuclear Science (AINST) are

1. Recruitment of more faculties with good academic and research record to initiate research in the field of nuclear science and technology.
2. Admission of more number of research scholars in the institute.
3. Submission of proposals to various funding agencies.
4. Organization of seminar/workshop/conference to increase more interaction with industry and research professionals.
5. To motivate student for industry-interaction with objectives to get placement of students.

Evaluative Report (Amity Institute of Space Science & Technology)

1. **Name of the Department :** Amity Institute of Space Science & Technology (AISST)
2. **Year of establishment :** 2008
3. **Is the Institution / Department is part of a School/Faculty of the university?**

Response :

Yes, the institute is a part of Domain of Engineering & Technology (Faculty of Science Engineering & Technology), AUUP

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**

Response : AISST is offering following programmes :

- a) B.Tech.(Avionics)
- b) M.Tech.(Avionics)
- c) B.Tech.(Aerospace)+ M.Tech.(Avionics)

5. **Interdisciplinary programmes and departments involved :** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc :**

Response :

The following courses are being planned to be conducted in next academic year in collaboration with City College, London:

- a. B.Sc.(Aviation Science)
- b. M.Sc.(Aviation Safety Management)
- c. M.Sc.(Aviation Transport Management) : City College London.

The undermentioned courses are run in collaboration with British Standard Institution :

- a. Lean Management
- b. Six Sigma
- c. Risk Management
- d. Environment Management
- e. Energy Management
- f. IT Service Management
- g. Food Safety Management
- h. Information Security Management
- i. Occupational Health & Safety Management System

7. **Details of programmes discontinued, if any, with reasons :** Nil
8. **Examination System Annual / Semester / Trimester / Choice Based Credit System :**

Response : AISST is offering Semester/Choice Based Credit System

9. **Participation of the department in the courses offered by other departments / institutions :**

Response :

The institute takes courses offered as Domain Electives (DE) , Open Electives(OE) , Value Added Courses (VAC) and Outdoor Based Electives (OBE) offered from other institutions.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others) :**

Response :

We have qualified faculty at various level having domain experience. Value addition is conducted by experts lecture from industry and space organisations. AISST has 4 Professor, 2 Asst. Professor, 1 Faculty and 1 Technical Officer. All the Faculty is from ISRO, DRDO Indian AF and HAL.

The further details are as follows :

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	4	4
Associate Professors	1	Nil	Nil
Asst. Professors	4	3	3
Others	2	2	2 from other institute

11. **Response : Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance :**

Faculty is from ISRO, DRDO, HAL and IAF who possesses domain knowledge in the field of Aerospace (Science & Technology). The details are given in the table below :

Name	Qualification	Designation	Specialization	Exp.	Ph.D./M.Phil. guided (4 yrs)
Prof MS Prasad	M.Tech (Guidance & Control)	Professor & Director	Guidance & Control, Space Avionics	35	Co-guide
Prof AK Verma	M.S.	Professor	Aerospace Engineering/ (Aeronautical Engineering)	37	NA
Prof R Yadav	B.E.	Professor	Radar & Satellite	30	NA
Prof AJ Seth	M.Tech. Electrical Engg	Professor	Avionics	40	NA

M Kapoor	M.Tech. Control System Engg	Asst.Profess or	Aeronauti cal Engineer, Electronic s	32	NA
KK Dangda	B.Tech. Electronics & Telecommunic ation Engg	Asst.Profess or	Aeronauti cal Engineer, Electronic s	25	NA
DV Singh	B.Tech., M.Sc. & MBA	Asst.Profess or	Aeronauti cal Engineer, Electronic s	40	NA

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors.:**

Response : The adjunct faculty is chosen from research establishment (DRDO) or reputed academic institutes .

- d. Dipankar Mishra : G B Pant University
- e. Dr S D Mehta : Ex Dir DEAL DRDO

13. **Percentage of classes taken by temporary faculty – programme-wise information : Nil**

14. **Programme-wise Student Teacher Ratio :**

Response :

All courses are taken by institution faculty , however courses pertaining to OE/VAC /OBE are taken by other institution faculty.

#	Programme Name	Student Teacher Ratio
1	Bachelor of Technology (Avionics)	15:1
2	Master of Technology (Avionics)	12:1
3	Bachelor of Technology (Aerospace) + Master of Technology (Avionics)	12:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :**

Response :

The details of Academic support staff (technical and Administrative staff are given in table below :

Non Teaching Staff	Sanctioned	Filled	Actual
Academic support staff	3	2	2
Academic Support Staff(Technical)	3	3	3
Admin Staff	1	1	1

16. **Research thrust areas as recognized by major funding agencies : Nil**
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise : Nil**
18. **Inter-institutional collaborative projects and associated grants received : Nil**
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil**
20. **Research facility / centre with : Nil**
21. **Special research laboratories sponsored by / created by industry or corporate bodies :**

Response : The special research laboratory has been created by industry are as under :

Industry or corporate bodies (Name)	Lab details
UMASS Lowell, USA	Amity Centre for Space Science & Technology
UAV Consortium of India	Technical Design Evaluation, UAV

22. **Publications:**

Response : The faculty regularly publishes research papers in journals .

Description	2016
Number of papers published in peer reviewed journals (national / international)	11
Books with ISBN with details of publishers	3
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	4

23. **Details of patents and income generated :** Nil
24. **Areas of consultancy and income generated :** Nil
25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :**

Response : The Faculty regularly visits industry/ Institutions in India.

S.No.	Faculty Name	Details of Visit other / Industry/Institute	National/ International
1	Prof Mukesh Kapoor, Asst.Prof Dhramvir Singh	IAF Base Repair Dept	National
2	Prof Mukesh Kapoor	Air Force Station, Hindon	National
3	Prof MS Prasad, Prof Rajendra Yadav	Institute system Analysis DRDO	National
4	Prof AJ Seth Asst Prof Dramvir Singh,	Medium Air Defence, Palam	National
5	Prof MS Prasad, Asst Prof KK Dangda	IASTEC	National
6	Prof MS Prasad, Prof AK Verma	ADE Bangalore	National
7	Prof MS Prasad Prof AK Verma	Aeronautical Division	National

26.

Faculty serving in :

Response :

The faculty is serving as reviewer and editor for journal articles. The faculty also goes for selection of scientist in DRDO and other Govt Institutions.

Prof. M S Prasad	Reviewer Int J of Robotics and Automation Elsevier	Technical Reviewer
	Editor : International Journal of Space Science	On line Journal
	Unmanned Systems India	Reviewer
	Editor Special Issue : Wi Fi & UAV IEEE ACCESS Publication	Under Process
	IEEE Standards Committee Member	Air to Air Communication : P 1920.1

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). :**

Response : The Orientation Program & Internal Training Programs are regularly attended by faculty

#		Organised	Attended
a	Refresher	-	-
b	Orientation programs	2	2
c	Workshops	-	2
d	Training programs	1	1
e	Similar programs (please specify)	-	-
f	Conferences	1	2
g	Guest Lecture	3	2

28. **Student projects :**

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities / industry / institute

Response :

#	Students projects	Percentage of students	
		UG	PG
1.	Percentage of students who have done in-house projects including inter-departmental projects Type of Field Centric studies		
	a. In house / interdepartmental practical trainings	10%	5%
	b. Summer Training / Internship	100%	100%
	c. Minor project	100%	-
	d. Major Project	100%	-
	e. Dissertation	-	95%
2	Percentage of students doing projects in collaboration with other universities / industry / institute Collaboration with: Industry	10%	30%

29. **Awards / recognitions received at the national and international level:**

S.No.	Student's Name	Programme	Description of Award/ Recognition received	National/ International
1.	Shivang Tyagi	B.Tech.(AE)+ M.Tech.(Av.)- Dual Degree (2012-2017)	The Second edition of Rajasthan Photo Fest (Click Award under Nature Category)	National
2.	Abhimanyu Bhadauria	B.Tech.(AE)+ M.Tech.(Av.)- Dual Degree (2012-2017)	Tapmi Quiz on The Beach 2015 (Won grand prize of Rs.6 lakh at the TAPMI Quiz on the Beach held at Kaup Beach	National
			Tata Crucible Campus Quiz 2016 (Trophy and a prize money of 5,00,000*. As a special prize this year, Tiago*)	National

30. **Seminars/ Conferences/Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any :**

Response : International Space Conference 2015 & UAV Conference 2016

Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding	Outstanding Participants
International Space Conference 2015	Conference	Amity University	Registration/ DRDO	1.Iouri Pigulevski Gerant President DL Tech Institute 2. Sqn ldr David A Davenport .UK Space cord Center UK

31. **Code of ethics for research followed by the departments :**

Response :

Code of Conduct, Ethics and Administrative Procedures are well established to ensure the fair practices in research. Policy guidelines are available for protection and valorisation of intellectual property generated during scientific pursuit in the University. No compromise is made with the quality of research. Faculty members and scholars are encouraged to undertake the research projects. All the undertaken researches are conducted as the guidelines / norm issued by the concerned agency.

Following Policy guidelines are available for publication and presentation of research:

- (2) Policy Guidelines (**G-53**) - University Research Policy
- (3) Policy Guidelines (**G-58**) for publication and presentation of research at symposia / meetings / conferences.

32.

Student profile programme-wise:

Response : The data given for 2013, 2014 & 2015 inclusive all courses.

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
Bachelor of Technology (Avionics)	35	2	1	1 st batch yet to come out.	
Master of Technology (Avionics)	58	10	3	100%	100%
Bachelor of Technology (Aerospace)+Master of Technology (Avionics)	134	14	9	94%	100%

33. **Diversity of students :**

Response : The data given for 2013, 2014, 2015 & 2016 taking into account total students.

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Bachelor of Technology (Aerospace)+Master of Technology (Avionics)	10	50	40	
Master of Technology (Avionics)	10	50	40	-
Bachelor of Technology (Avionics)	10	50	40	-

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Response : The students appear for GATE , Defense services examination during their last semester.

Cleared Examinations	No. of Students
Civil Services	4
Defense Services	10
GATE	32

35. **Student progression :**

Response :

The students are getting admission in Foreign Univ as a PH.D Scholar based on their performance and curriculum .

Student progression	%
PG to Ph.D.	15%
Employed	65%
Campus selection	
Other than campus recruitment (Competitive Exams)	
Entrepreneurs	15%
Famliy Business	5%

- 36.

Diversity of staff:

Response : Most of the staff our from other universities.

Percentage of faculty who are graduates	
Of the same university	Nil
from other universities within the State	Nil
from universities from other States from	7
universities outside the country	Nil

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil**

38. **Present details of departmental infrastructural facilities with regard to**

Response :

The Institute has wi fi facility for students as well as for staff with internet connectivity. All class rooms are provided with audio visual projection systems.

Library	Central Library
Internet facilities for staff and students	Yes, entire campus is Wi-Fi connected
Total number of class rooms	3 (classroom) + 1 (tutorial room)
Class rooms with ICT facility	Yes
Students' laboratories	2
Research laboratories	1 (Model Building)

39. **List of doctoral, post-doctoral students and Research Associates : Nil**

40. **Number of post graduate students getting financial assistance from the university. :**

Response Nil

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. :**

Response :

Before addition new courses, the institute takes the feedback Avionics industry, alumni and from a comprehensive syllabus. This syllabus is further vetted & modified Area Advisory Board and Board of Study to structure the course content to make structure aligned with industry requirement vis a vis research,

42. **Does the department obtain feedback from :**

Response :

A sound feedback mechanism & analysis procedure is in place. Feedbacks are taken from Faculty, Students, employer as well as alumni including parents.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	To improve quality of teaching & Lab experiments
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	To improve faculty & staff
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Add new subjects & topics
PRC/CRC to review the program structure	Improve the Laboratory & Practical requirements.

43. **List the distinguished alumni of the department (maximum 10)**

Response : The alumni of our institute has done remarkably good in their field .

#	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
22.	Bavle Hriday Milind	B.Tech.(Ae)+ M.Tech.(Av)– Dual Degree	2014	Asturi UAV System (Spain)	Project Engineer
23.	Harsh Gupta	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2015	Rockwell Collins (Hyderabad)	Software Engineer (Project Manager)
24.	Navuday Sharma	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2015	Politecnica Di Milano	Project Engineer
25.	Sowmya T	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2015	DAAD Germany	Asteroid and trajectory Prediction R&D
26.	Harshal Jain	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2015	Tata Advanced System India (TAL India) Pune	Project Engineer
27.	Dhruva Paul	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2014	Indigo Airlines, New Delhi	Flight Safety Analyst
28.	Mushfiq Ahmed	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2014	Indigo Airlines New Delhi	Flight Safety Engineer
29.	Joji Varughese Abraham	M.Tech.(Av)	2015	Aircraft Communication Bahram	System, Designer
30.	Niladri	M.Tech.(Av)	2014	ADA, Bangalore	Scientist

	Shekhar Das				Flight Control Design
31.	CJ Bora	B.Tech.(Ae)+ M.Tech.(Av) – Dual Degree	2015	Space System, Nanjing Univ, China	Project Engineer, Space System design study

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Response :

Regular student enrichment program by calling senior researcher and field staff is carried out .

Dr.N.Vedachalam, ISRO	:	MARS Mission
Dr.Supriya Chakraborti, UMASS Lowell	:	Cube Sat Technology
Dr.Arjun Singh, DGCA	:	Ground Navigation System
Prof J S Saikia, M.I.T.	:	MARS Habitation and Space Shuttle
Dr.Linscot, M.I.T.	:	Topography Study of Mars Surface

45. **List the teaching methods adopted by the faculty for different programmes.**

Response :

Training Aids, PPT, Labs, Industrial Tours, Case Studies, Demonstrations, Simulations, LMS, Flip Courses & Selfwork.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response :

We have an Institution Outcome Assessment Committee, which regularly monitors outcome & learning objectives. Based on their recommendation the suitable modifications are taken from time to time. The Outcome is assessed by direct & indirect assessment methodology. The SLO's are mapped into Programme Learning Objectives.

Learning outcome for all the program have been defined which are in line with Graduate Learning Objective and university outcome. The assessment plan for outcomes by way of Rubrics has been defined at both University level and Institution level.

47. **Highlight the participation of students and faculty in extension activities.**

Response :

Our Team (Faculty, Staff & Students) went to Saksham Vidyalaya, NGO for poor children and donated clothes, chocolates, biscuits, books & stationery and Floor Spreads.

48. Give details of “beyond syllabus scholarly activities” of the department.

Response :

Faculty has devoted their expertise in imparting, theoretical and practical knowledge to the students in their relevant field.

Faculty Name	Scholarly And Professional Activities, Past Four Years				
	Scholarship Of:				Professional Activities
	Teaching	Discovery	Integration	Application	
Prof MS Prasad	√	Nil	√	√	(a) Unmanned System India (b) Reviewer Advisor Cloud Security Alliance : Guidelines (c) Square Kilometer Array Proj : Advisor
Prof M Kapoor	√	Nil	Nil	Nil	Nil
Prof AK Verma	√	Nil	Nil	Nil	Nil
Prof R Yadav	√	Nil	Nil	Nil	IETE Fellow member
Prof AJ Seth	√	Nil	Nil	Nil	AeSI Life member
Prof DV Singh	√	Nil	Nil	Nil	Nil
Prof KK Dangda	√	Nil	Nil	Nil	Nil

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response : The institute is ISO certified i.e. ISO 9001 : 2008 & 14001 : 2004 (Since 2015)

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response :

- Participation in Online discussion on forums.
- Basic & Applied knowledge Generation.
- Reference to various Avionics/Aerospace Journals.

- Publication the research paper in Peer reviewed journals
- Conducted Two conferences
- Conduct of Faculty Presentations
- Generation of outcome Assessment tools , Rubrics

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response : Faculty is drawn from ISRO, DRDO, HAL & IAF with requisite experience in their field.

#	Strengths
1	Experienced faculty drawn from concerned fields.
2	Domain knowledge of faculty
3	Administrative experience & industry req. Knowhow.
4	Easy to tie up with IAF, DRDO & HAL etc for summer training
5	Sharing of experience by faculty with students.

#	Weaknesses
1	Low intake
2	Lack of Computing Facility : Simulators
3	No funded Projects

#	Opportunities
1	Aviation field is likely to expand in near future.
2	Make in India/Start up India provides good opportunities
3	Collaboration with international/institutional opportunity
4	UAV field
5	CubeSat Program

#	Challenges
1	To increase the intake of students.
2	Placement of Students
3	Similar course being run by AIAE
4	Faculty limitation resource build up.
5	Resource Build up Industry participated Programmes.

52. Future plans of the department.

Response :

- AISST is planning to commence B.Sc.(Aviation)/Management Course.
- To take on Projects from DRDO/DST.
- A target of 10 papers to be published in Peer reviewed Journals
- To build up Lab facility.

Evaluative Report Amity Institute of Renewable & Alternative Energy

- 1. Name of the Department:** Amity Institute of Renewable & Alternative Energy (AIRAE)
- 2. Year of establishment :**2008
- 3. Is the Institution / Department is part of a School/Faculty of the university?**

Response: Yes, Engineering & Technology domain of Faculty of science, Eng. and Tech.

- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.)**

Response: Following programmes are offered by our department;

UG (B.Tech. (Solar and Alternative Energy))

PG (M.Tech. (Solar and Alternative Energy))

PhD. (Solar and Alternative Energy)

- 5. Interdisciplinary programmes and departments involved:** Nil
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc:**

Response:

Students do their dissertation in various organizations/ industries, universities and foreign institutions as part of their course curriculum, such as:

#	Course Name	In collaboration with (Organisation Name)
1	Solar Power Plant Installation	Malpani Group, I. G. Road, Delhi
2	Designing of Rooftop PV systems	TATA POWER SOLAR, Electronics City, Phase I Hosur Road Bengaluru
3	Solar engineering PV Design	Rays Power Experts Pvt. Ltd., Saket, New Delhi.
4	Designing, procurement and installation of Solar Photovoltaic system	JS Renewable, Ghaziabad
5	design of solar collector for pumping water	AIARS, Noida
6	Surface Plasmonic Resonance via Platinum NanoParticles on ZnO based UV Photo Detectors	Department of Physics, and Astrophysics, Delhi university
7	Surface plasmon resonance via gold nano particle on ZnO based UV photodetector	Department of Physics, and Astrophysics, Delhi university
8	Surface Plasmonic Resonance via silver nano particles on ZnO based UV Photo Detectors	Department of Physics, and Astrophysics, Delhi university

7. Details of programmes discontinued, if any, with reasons: Nil

8. Examination System: Annual / Semester / Trimester / Choice Based Credit System

Response: Department follows the following examination system

- Semester system
- Choice Based Credit System

9. Participation of the department in the courses offered by other departments / institutions

Response:

S. No	Course	Institution
1	BSI121 - Quality Management Systems	AUBSI
2	PA106 - Guitar-I	ASPA
3	ENTR606 - Entrepreneurship Awareness Camp	ABS

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response: Following are the sanctioned, filled and actual teaching posts

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	1	1
Associate Professors	2	2	2
Asst. Professors	10	10	10
Others (Lecturer)	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response: Faculty profile of our department are following:

S. No.	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
1.	Dr.V.K.Jain	Ph.D	Distinguished Scientist & Professor		45	02 Pursuing 06 Pursuing (Co-Supervisor)
2.	Dr.Kanchan Saxena	Ph.D	Dy. Director & Head-AIRAE	Thin Film Devices, Organic Leds/ Photovoltaics	25	03 Pursuing
3.	Dr.Suman	Ph.D	Assocoate. Prof.	Enzyme Based Biosensor For Lactate Determination	10	01 completed 02 pursuing
4.	Dr.Abhishek Verma	Ph.D	Asstt. Prof.	Electronic Science, Spl: Quantum Dots	07	04 Pursuing
5.	Dr.Prashant Shukla	Ph.D	Asstt. Prof.	Ph.D. In Material Science Spl: Polymers, Dielelectrics Polymers	07	01 pursuing
6.	Dr.Rupesh Kumar Basniwal	Ph.D	Asstt. Prof.	PhD in Microbiology Spl: Biofuel	08	Nil
7.	Dr. Devinder Madhwal	Ph.D	Asstt. Prof.	Organic LEDs & Solar Cells		Nil
8.	Dr. Abhishek Kardam	Ph.D	Asstt. Prof.	Waste Water Decontamination & Environmental Chemistry	3.5	Nil
9.	Dr. S. Shankara Narayanan	Ph.D	Asstt. Prof.	Spectroscopy & Biocompatibility of Nanocrystals	6.5	Nil
10.	Dr..Rakhi Grover	Ph.D	Asstt. Prof.	Organic Electronics – OLEDs, OPVs, OTFTs & Thin Film Devices	3	Nil

11.	Dr. Amit Kumar	Ph.D	Assistant Professor	Organic Semiconductor Devices and Applications, OLEDs, OFETs, OPVs, Organic Sensors and Memory devices	4.5	Nil
12.	Dr. Hrishikesh Dhasmana	Ph.D,NET, GATE	Assistant Professor	Semiconductor, Thin film, nanoparticles, Photovoltaics	14	Nil
13.	Ms. Omita Nanda	M. Tech. (Pursuing PhD)	Lecturer	Thin film devices, Nanotechnology	4	N.A.
14.	Dr. Jayanti Tripathi	Ph.D.	Asst. Professor	Mathematics	5	Nil

12. List of senior visiting fellows, adjunct faculty, emeritus professors:

Response :

S. No.	Visiting Scientist / Professor	Designation	Organization
1.	Dr. Ramesh,	Scientist	AIIMS
2.	Dr. Rajeev Narang, Cardiologist	Cardiologist	AIIMS
3.	Dr. S. K. Dhawan, Scientist	Scientist	NPL
4.	Dr.P.K. Bhatnagar, Emeritus	Professor	Delhi University
5.	Dr. Deepak Singh Rajawat,	Asstt. Professor	IIS Deemed University, Mansarovar, Jaipur

13. Percentage of classes taken by temporary faculty – programme-wise information:

Response : The classes are taught by regular faculties.

14. Programme-wise Student Teacher Ratio

Response: Following are the programme-wise student teacher ratio

#	Programme Name	Student Teacher Ratio
1	B.TECH	2:1
2	M.TECH	2: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response: Following are the details of academic support staff (technical) and administrative staff

Non-Teaching Staff	Sanctioned	Filled	Actual
academic support staff	2	2	2
academic support staff (technical)	3	3	3
administrative staff	2	2	2

16. Research thrust areas as recognized by major funding agencies Sensors, Solar Cells, Energy, Water, High Energy, Organic Electronics, Fuel cells and batteries.

Response: Major research thrust areas as recognized by major funding agencies are:

#	Funding Agency	Research thrust area
1	DST	Sensors, Solar Cells, Energy, Water, Solar
2	DRDO	Sensor, Solar
3	BRNS	High Energy
4	Ministry of Mines	Sensors

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response: Faculties with ongoing projects from national and international funding agencies are

S. No	Project Title	PI	Duration	Funding Agency	Amount Sanctioned (Rs.)
1.	Prototype development and conduction of pilot study for commercialization of nanotechnology based pocket friendly, reusable water purifier.	Dr. Suman	2 Years	DST	8.5 Lakhs
2.	Nanocellulose based composites for chromium decontamination and speciation in aqueous system	Dr. Abhishek Kardam	3 Years	DST	30,81,800/-
3.	A novel reusable ash and nanomaterials based battery for power generation	Dr. Suman	2 Years	DST	9.4 Lakhs
4.	Dual use of land for farmers using a combination of solar photovoltaic panels and agriculture: Agrivoltaics	Dr. V.K. Jain	2 Years	DST	24,9,000/-
5.	Portable room temperature battery operated LPG leakage sensors with	Dr. Prashant	2 Years	DST	19,53,000/-

	wireless alarm and SMS facility	Shukla			
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18. Inter-institutional collaborative projects and associated grants received:

Response:

Currently we are doing collaborative research with Welspun India Pvt.Ltd., Noida and Reality Automation Securities Pvt. Ltd. Pune

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Response:

Currently we have following funded projects from DST, DRDO and other government funding agencies.

S. No.	Project title	Funding agency	PI	Grant
1	Prototype development and conduction of pilot study for commercialization of nanotechnology based pocket friendly, reusable water purifier.	DST	Dr. Suman	Rs. 8.5 Lakhs
2	Nanocellulose based composites for chromium decontamination and speciation in aqueous system	DST	Dr.Abhishek Kardam	Rs. 30,81,800/-
3	A novel reusable ash and nanomaterials based battery for power generation	DST	Dr. Suman	Rs.9.4 Lakhs
4	Dual use of land for farmers using a combination of solar photovoltaic panels and agriculture: Agrivoltaics	DST	Dr.V.K.Jain	Rs. 24,9,000/-
5	Portable room temperature battery operated LPG leakage sensors with wireless alarm and SMS facility	DST	Dr. Prashant Shukla	Rs. 19,53,000/-

20. Research facility / centre with

Response:

We have generated research facilities from various government funded projects and procured many sophisticated device fabrication and characterization instruments such as Scanning electron microscope, RF sputtering unit, thermal vacuum and spin coater, DLS etc. We have also developed Thin Film Lab., Biochemistry Lab., Chemistry Lab., Solar Cell Lab. from these projects.

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

Response:

Department encourages faculties as well as students to submit research paper in Scopus and SCI indexed journals.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	53
Monographs	NIL
Chapters in Books	NIL
Edited Books	TWO
Books with ISBN with details of publishers	NIL
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	53
Citation Index – range / average	3 – 979/ 221.66
SNIP (Source Normalized: Impact per Person)	-
SJR (Scimago Journal Rank)	-
Impact Factor – range / average	(0.5-4)/2.5
h-index	(15 – 1)/ 8

23. Details of patents and income generated:

Response: Following are the details of patents and generated income:

S. No.	Patent Details	Income generated (INR)
1.	A Novel Room Temperature, Low Cost, Alarm Based LPG Sensor, Sing B. K., Verma Abhishek, Vikesh, Jain.V. K., Bhatia Vasuda, Shukla Prashant, Bhardawaj Nitin Date of Submission to Patent Office 24/11/2011	04 LAKHS
2.	A rechargeable battery system from waster Material. Rupesh Kumar Basniwal, Suman, Devinder Madhwal, Vinod Kumar Jain	02 LAKHS

	Date of submission to Patent office 20/09/2013	
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24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

Response:

Following are the details of faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

S.No.	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	Duration		National/ International
				From	To	
1.	Dr.V.K.Jain	Distinguished Scientist & Professor	IIT, Delhi Anna University Delhi University Royal Academy of Engineering			National
2.	Dr. Kanchan Saxena	Dy. Director & Head-AIRAE	IIT Guwahati	13 Feb. 2016	13 Feb. 2016	National
			IIT Delhi	7 Dec. 2016	8-12-2016	National
			Yamagata University (Under the Sakura Science Programme)	13 June 2016	17th June 2016	International
			University of Tromso, Norway	27 June 2016	1 st July 2016	International
3.	Dr. Suman	Associate Professor	Welspun Pvt. Ltd, Noida	Jan 2016		National
4.	Dr. Rupesh	Assistant Professor	Welspun Pvt. Ltd, Noida.	Jan 2016		National
5.	Dr. Devinder Madhwal	Assistant Professor	Reality Automation, Pune	November 2015		National

26. Faculty serving in Committee/Board:

Response: Following faculties are serving in committee/board:

S. N o.	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
1.	National committees: DST, PAC, DIETY	Dr. V.K. Jain	Distinguished Scientist & Professor	Expert Member	3Years

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

Refresher courses, FDP, training programs etc. are regularly organized by Amity University. Faculty members are also encouraged to attend these programs in the University and outside.

#		Organised	Attended
a	Refresher	0	5
b	Orientation programs	0	5
c	Workshops	2	3
d	Training programs	2	2
e	Similar programs (please specify)		

28. Student projects:

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities / industry / institute

Response:

During the fourth year of the B.Tech and second year of M.Tech students have to do term paper/internship as major projects.

percentage of students who have done in-house projects including inter-departmental projects	45%
percentage of students doing projects in collaboration with other universities / industry / institute	55%

29. Awards / recognitions received at the national and international level:

Response:

Following are the awards / recognitions received received by faculties/ Doctoral / Post-doctoral fellows /students:

S.No	National / International	Faculty Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1.	International	Dr. Abhishek Verma	BEST ORIGINALITY AWARD” -Techo Green Tech Contest, Taiwan-2012	28 th August, 2012
2.	International	Dr. Suman and Dr. V. K. Jain	Leader in Innovation fellowship AWARD: 2015, by Royal academy of Engineers LONDON UK	2015
3.	National	Dr. Suman and Dr.V. K. Jain	POWER OF IDEAS- 2012-Award (Given by DST, IIM Ahemdabad and Economic Times)	2012

Received by Doctoral / Post-doctoral fellows: Nil

Received by Students:

S.No	Student's Name	Programme Name	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1.	Paritosh Saini	B.Tech-SAE	“BEST ORIGINALITY AWARD” -Techo Green Tech Contest, Taiwan-2012	28 th August, 2012	International

30. Seminars/Conferences/Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any.

Response: Following Seminars/Conferences/Workshops are organized:

S. No.	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International	Outstanding Participants
1.	International Workshop on Physics of Semiconductor Devices, IWPSD 2013	Workshop From 10 Dec. 2013 to 13 th Dec., 2013	Amity University, Noida	DST, DRDO, CSRI, SSD	<ul style="list-style-type: none"> • Prof. Ajeet Rohatgi, Director, University Center of Excellence for Photovoltaic Research and Education Georgia Institute of Technology Atlanta, GA • Prof. Shankar Prasad Pati, Emeritus Professor, National Institute of Science & Technology, Berhampur, Orissa • Prof. M. S. Tomar, Physics Department, University of Puerto Rico, Mayaguez, PUERTO RICO • Prof. Vijay K. Arora, IEEE-EDS Distinguished Lecturer, Wilkes University, USA • Mr. V.K. Tewary, Group Leader Materials Reliability Division Nanoscale Reliability Group, National Institute of Standards and Technology, USA • Prof. Go Yusa, Department of Physics, Tohoku University, JAPAN • Prof. L. R. Ram Mohan, Worcester Polytechnic Institute, MASSACHUSETTS
2.	Recent trends in Materials and	Conference	Amity Univers		<ul style="list-style-type: none"> • Prof. Vijay K. Arora, IEEE-EDS Distinguished

	Devices (ICRTMD 2015)	From 15 Dec. 2015 to 17 th Dec., 2015	ity, Noida		Lecturer, Wilkes University, USA • Prabhakar Misra, Director, Laser Spectroscopy Laboratory, Washington, USA • Prof. Mohd Sadiq, IIT BHU • Prof. Shilpi Shital, IIT Delhi • Prof. Dheeraj Kumar, IIT Delhi • Prof. Kirandeep Singh, IIT Roorkee
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31. Code of ethics for research followed by the departments

Response:

Department is committed to be a Research and Innovation Driven department and contribute to national as well as international level and becoming a mile stone in the field of education, research and innovation. To attain this goal, it is imperative to pursue cutting-edge basic, targeted, and applied research in all possible science fields. For advancement of knowledge and development of novel processes, technology products, studies are carried out in a transparent, responsible and ethical manner. It is equally important to ensure that the products and outcomes of such research are appropriately disseminated to reach the widest possible audience for the benefit of mankind at both national and global levels. In order to promote young, brilliant individuals to pursue research, department provides an opportunity by providing research fellowships either through the university or through funded projects to pursue research in the chosen discipline. These fellowships shall be offered to deserving candidates who have completed their post-graduate or PhD degrees from India or abroad within the last 3 years. The selection of candidates eligible for the fellowship will be based purely on merit. As part of the Mission of the department to be a national or global leader in Research and Innovation, department is committed to train students at all levels in various aspects of research activities, expose them to real research environment and problems in order to develop inquisitive, trained researchers of the future who shall lead India to be a Global Knowledge Superpower. Departmental funding research policy is to provide financial support for testing the feasibility of new ideas/concepts and/or potential conversion of research ideas/concepts into products/technology for economic and/or societal benefits. Department aims to sustain a competitive edge in knowledge creation and innovation as the core of its Research and Development activities. In order to meet the existing and future challenges posed by the globalization of research, technology and development, Department focuses on optimum maintenance of existing infrastructure and continuous enhancement of research facilities to maintain competitiveness at the global level. Department envisions emerging as a Centre of Excellence in research and innovation at national and global levels through comprehensive research endeavors to contribute to the mission of leading India to develop as a Knowledge Superpower. The department promotes the research and innovation in order to raise the research profile of both its Researchers and Faculties. Departmental Researchers are focusing to publish their research articles in reputed

SCI, Scopus and Thomson Reuters Indexed Journals. Researchers at AIRAE are strictly following the conflicts of interests and general ethics involved in good research publications.

- Department follows Amity University Guidelines No. 53 to 58 for the ethics of research.

32. Student profile programme-wise:

Response: Each program has its own eligibility criteria which is displayed on the amity university website

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B. Tech.					
2010-2014	25	2	1	100%	100%
2011-2015	38	4	5	100%	100%
2012-2016	27	4	4	100%	100%
M. Tech.					
2010-2012	12	2	0	100%	100%
2011-2013	09	2	1	100%	100%
2012-2014	12	2	4	100%	100%
2013-2015	27	2	0	100%	100%
2014-2016	10	1	2	100%	100%

33. Diversity of students

Response: Following is the diversity of students

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech	NA	40%	60%	One student (USA)
M.Tech	NA	40%	60%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response: Following exams were qualified by students

Cleared Examinations	Number of students
SET	01
GATE	01

35. Student progression:

Response: Student progression is mentioned below in the table:

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	-	-	03	01	-
PG to Ph.D.	-	-	02	-	-
Ph.D. to Post-Doctoral	-	-	-	-	01
Employed					
<input type="checkbox"/> Campus selection					-
<input type="checkbox"/> Other than campus recruitment	02	03 03	04	02	

36. Diversity of staff:

Response: Diversity of staff is following as:

Percentage of faculty who are graduates	2012	2013	2014	2015	2016
from other universities within the State	01	02	02	02	02
from universities from other States from	05	08	08	10	11

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

Following are the numbers of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

2012	2013	2014	2016
01	01	01	01

38. Present details of departmental infrastructural facilities with regard to

Response: Following are the available departmental infrastructural facilities:

Library	Central Library
Internet facilities for staff and students	Entire campus is Wi-Fi connected
Total number of class rooms	04
Class rooms with ICT facility	04
Students' laboratories	5
Research laboratories	6
Note: In addition our students utilize the centrally available lab resources of both ASET and AIAS departments	

39. List of doctoral, post-doctoral students and Research Associates

Response: Following eight students are enrolled in Ph.D. program in diverse research area.

	Name	Designation
1.	Ms.Nidhi Gupta	JRF
2.	Mr.Bidyut Barman	Project Assistant.
3.	Mr.Vivek Kumar	JRF
4.	Mr.Varun Kumar	Research Assistant
5.	Mr.Neeraj Gupta	JRF
6.	Ms. Akansha Mehra	Research Assistant
7.	Sakshi Guleri	JRF
8.	Nitesh Kumar	JRF

• From the host institution/university	03
• From other institutions/ universities	05

40. Number of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response:

Before the development of new programme(s) sectorial growth and industrial needs has been analysed and the proposal for the course has been sent to the university committee which examine the program.

Methodology :

- Market Demand is analyzed.
- Course review committee (CRC) of the institute prepare and finalizes each course
- Each course is sent to different experts in universities, institutes and industries for their feedback
- The courses are modified as per the suggestions of the experts
- The revised courses are then presented before the area advisory board(AAB)
- The suggestions of AAB are incorporated into the course syllabus and structre.
- The course structure is revised as per the AAB recommendation and presented before the board of studies (BOS)
- Finally the course structure/syllabus is prepared and submitted to the university office which is presented in the academic council meeting (ACM) of the university
- Once the course structure/syllabus is approved by the academic council it is finalized.

42. Does the department obtain feedback from

Response :

<p>a). Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</p> <p>Response: Yes, On the basis of faculty feedback, course structure related issues are put in front of CRC and if necessary then present to AAB and finally to BOS and ACM to sort out the related issues.</p>
<p>b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</p> <p>Response: Yes, we discuss in the staff meeting and try to sort out related issues about the shortcomings.</p>
<p>c) Alumni and employers on the programmes offered and how does the department utilize the feedback?</p> <p>Response: Yes, we try to utilise their feedback for further structuring the course curriculum and in enhancing the functionality of the department.</p>

43. List the distinguished alumni of the department (maximum 10)

Response: Following are the list of distinguished alumni of the department

S. No.	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
3	Apurve Yadav	M. Tech.	2011	Ideal group of institutions	Assistant Professor
3	Astha Jain	B. Tech.	2015	Ornate solar	Design Engineer

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response: Various guest lectures have been organised by industry experts time to time.

- In 2013 year : IWPSD-2013
- In 2015 year : ICRTMD-2015

45. List the teaching methods adopted by the faculty for different programmes.

Response:

Teachers provide variety of learning experiences including individual and collaborative learning like: Board, Power Point, Blended learning methods, Power point presentation etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response:

For that we have definite outcome assessment plan scheme under which we monitor qualitative teaching methods by analysing student learning outcomes. Further quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning.

Programme educational Objectives (PEO) and Program Learning Outcome (PLO) are linked through mapping of learning outcomes with established objectives. Each outcome is assessed by at least one direct and one indirect method of evaluation. We monitored the outcome through outcome assessment committee.

Through the program review we assess and overview the following criteria:

1. Students learning knowledge, skills and habits are evaluated on the basis of program goals and objectives
 2. The program goals are derived from the institution's mission
 3. The curriculum is coherent, current and consistent
 4. The instruction is acting as enabler to the students
 5. The requisite resources are adequate for students learning
 6. The academic support services are adequate to facilitate student learning
- SLO's and PLO's were defined on Amizone for each course and programme
 - Sometime we invite external experts from Universities, R&D Labs, Industries, and discuss with them.

47. Highlight the participation of students and faculty in extension activities.

Response: Participation of faculty members in extension activities are:

Name of Faculty member	Design.	Date of Joining	Details of Extension Activity done by faculty member		Role of Faculty member
			Date of Project / Activity	Total number of hours volunteered	
Dr. Rupesh Kumar	Asst Prof-I	5 th Aug 2008	31/10/2014 Amity Human Value Year Activity 2014-15 i.e. “ Ban on firecrackers”	2hrs.	Faculty Coordinator

Participation of students in extension activities:

S.No	Name of Student	Enroll. No.	Prog. Name	Details of Extension Activity done by Student			Role of Student
				Date of Project / Activity	Location	Total number of hours volunteered	
1	Ms AKANKS HA KHANNA	A64 2971 2007	B.Tech (S&AE)	31/10/2014 Amity Human Value Year Activity 2014-15 i.e. “ Ban on firecrackers ”	E3 4th Floor AIRAE	2hrs	Chief coordinator
2	Ms MUKTAP ARNA BORUAH	A64 2971 3002	B.Tech (S&AE)			2hrs	Coordinator

48. Give details of “beyond syllabus scholarly activities” of the department.

Response:

FACULTY NAME	SCHOLARLY AND PROFESSIONAL ACTIVITIES, PAST FOUR YEARS		
	SCHOLARSHIP OF:		
	TEACHING	DISCOVERY	APPLICATION
Dr. V. K. Jain	1	24	2
Kanchan Saxena	-	14	-

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response:

- Filled Indian patents: 34
- Published International research articles: 52
- Total Projects: 18
- Transferred technology: 02
- Published International Books: 02
- Publication of Proceedings: 02

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response: Following are the Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

S.No	Strengths
1	Research labs are equipped with latest instruments like SEM, DLS, FTIR, AAS, RTA, AFM etc.
2	Having best infrastructure, clean room, fabrication and characterization facilities for research activities
3	Strong Institutional vision and leadership with highly focused on their objectives
4	We have multidisciplinary facilities for research

S.No	Weaknesses
1.	Less admissions of students

#	Opportunities
1	Internationalization
2	Research publications and Awards
3	Innovations

#	Challenges
1	Commercialization of patents
2	Industrial collaboration for placements and skill developments of student
3	Extension activities and institutional social responsibility
4	Consultancy
5.	Increasing the number of students

52. Future plans of the department

Response: Following are the future plans of the department:

- Increase more Ph.D. students.
- Quality research papers enhancement.
- Integrated B.Tech.-M. Tech. course shall be started.
- Integrated M. Tech.-Ph.D. course shall be started
- Excellence centre for solar energy

Evaluative Report Amity Institute of Applied Sciences

1. Name of the Department

Response: Amity Institute of Applied Sciences

2. Year of establishment

Response: 2007

3. Is the Institution / Department is part of a School/Faculty of the university?

Response:

Yes the Institute is a part of Faculty of Engineering, Science and Technology, AUUP

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Response:

UG Courses	PG Courses	Ph.D
B.Sc. (Hons) – Chemistry,	M.Sc. (Applied Mathematics),	Ph.D in Chemistry
B.Sc. (Hons) – Mathematics,	M.Sc. (Applied Chemistry),	Ph.D in Chemistry (Part Time)
B.Sc. (Hons) – Physics,	M.Sc. (Applied Physics),	Ph.D in Mathematics
Bachelor of Statistics /	Master of Statistics /	Ph.D in Mathematics (Part Time)
B.Stats	M.Stats	Ph.D in Physics
		Ph.D in Physics (Part Time)
		Ph.D. in Statistics
		Ph.D. in Statistics (Part Time)

5. Interdisciplinary programmes and departments involved.

Response:

The doctorate programmes are interdisciplinary. The students opt the area specific interdisciplinary course from different institutions such as AINT, AIARS, AIFT etc.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Response:

The students of the Masters Programme do their Major Project in the their IV semester with the research / academic organizations such as

National: DRDO, ISRO, IIT, IUAC, BARC

International: We have MOU signed for the Major Project with Riken, Japan and KMU Taiwan.

7. Details of programmes discontinued, if any, with reason.

Response:

M.Phil.Chemistry, M.Phil. Mathematics, M.Phil.Physics

Reason: due to less number of Admissions as students prefer to go for Ph.D after M.Sc. instead of M.Phil.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Response: Semester, (Choice Based credit System)

9. Participation of the department in the courses offered by other departments / institutions

Response:

The Institute takes various courses from other institutions under Choice Based Credit Courses:

Course Type	Course Title	Department/Institute
Domain Courses	1.Digital Electronics & Microprocessors. 2.Consumer Electronics 3.Principles of communication in Engg.	ASET
	1.Energy Devices Fuel cells & solar cells 2.Nano Materials in Foods 3.Industrial Applications in science Materials 4. Nano Science & Technology	AINT
	1.Data Analytics 2.Fundamentals of Mobile communications	AITTM
	Space & Planetary Sciences	Centre for Astronomy & Astrophysics
	Management foundation	ABS
	Anthropology & development	Amity Institute of Anthropology
Open Courses	Bharatnatyam, Kathak, Tabla, Vocal,	
	Community Outreach	Amity Institute of Social Sciences (AISS)
	Basic skills of Football & Basketball	ASPESS
	Neutraceuticals	AIB
	1.Battlefield Electronic systems 2. Web Applications 3. Concepts & applications of IT 4. Basics of Modelling and civilization	ASET

Value Added Courses	Communication Skills	Amity Institute of Corporate Communication (AICC)
	Foreign Language	Amity School of Foreign Languages (ASFL)
	Behavioural Sciences	Amity Institute of Psychology and Allied Sciences (AIPS)

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response:

The Institute recruits faculty for teaching in AIAS along with teaching faculty for B.Tech course / B.Ed / MCA of other Institutions. The break up is as follows:

Designation	AIAS		ASET & Other Institutions	
	Sanctioned	Filled	Sanctioned	Filled
<u>Physics</u>				
Professor	2	2	0	0
Associate Professors	1	1	0	0
Asst. Professors	18	18	5	5
<u>Chemistry</u>				
Professor	1	1	0	0
Associate Professors	1	1	0	0
Asst. Professors	11	10	6	5
<u>Mathematics</u>				
Professor	1	0	0	0
Associate Professors	2	1	0	0
Asst. Professors	17	17	12	12
<u>Statistics</u>				
Professor	0	0		
Associate Professors	1	0		
Asst. Professors	7	8		
TOTAL	62	59	23	22

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response:

All the faculty members are qualified as per UGC norms. Either they are doctorates or NET/GATE qualified.

S.No.	Name of Faculty	Qualification	Designation	Major areas of Specialisation	No. of Yrs. Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
1	Prof. Sunita Rattan	Ph.D.	Professor & HOI	Stimulus responsive Polymeric Hydrogels/ Polymeric Nanocomposites/ Sensors. Click Chemistry /Graft copolymers for biomedical	17	Produced: 5 Pursuing: 6
2	Dr. Sangeeta Tiwari	Ph.D.	A.P. & HOD, AC	Organic coatings/ Paints Functional Coatings/Core Shell Materials and zeolites Water Purification/Fly ash Utilization	15	Pursuing: 5
3	Dr. Christine Jeyaseelan	Ph.D.	A.P. & Head Student Affairs	Analytical chemistry/Environmental research/Water treatment/Metal ion and organic compound removal	13	Pursuing: 1
4	Dr. Deepshikha Gupta	Ph.D.	A.P. III	Natural Product Chemistry/Fatty acid analysis/Antioxidant Potential Assay/Antimicrobial Activity Assay/Isolation and Purification of active compounds	12	Pursuing: 1
5	Dr. Aditi Sangal	Ph.D.	A.P.-III	Bioelectrochemistry/Nanoparticle formulation of plant extracts	13	Pursuing: 1
6	Dr. R.S. Dubey	Ph.D.	A.P.-III	Microbiologically influenced corrosion and its control	10	Nil
7	Dr. Vasundhara Srivastava	Ph.D.	A.P.-III	Carbohydrate Chemistry /Microwave assisted grafting of seed-gums	10	Nil
8	Dr. Bijayalaxmi Panda	Ph.D.	A.P.-III	functional composites/nanocomposites /photocatalysis/sensors/electrochemical sensors value added products from wastes/Water purification	8	Nil

9	Dr. Seema Garg	Ph.D.	A.P.-III	Water analysis /Synthesis & characterization of nanoparticles and their composites Therapeutic applications of nanoparticles/ Photocatalytic applications of nanoparticles	13	Nil
10	Dr. Anita Gupta	Ph.D.	A.P.-III	Analytical Chemistry/Inorganic synthesis/Synthesis, characterization and applications Spectroscopic techniques/ Organometallics	13	Nil
12	Dr.Maumita Das Mukherjee	Ph.D.	A.P.-I	Nanomaterials especially CNT,/Graphene, Quantum dots etc./Conducting polymers/DNA Biosensors/Low density lipoprotein (LDL) sensor/Cholesterol biosensor	4	Nil
13	Dr.Karunendra Singh	Ph.D.	A.P.-II	Electrochemical sensors & Biosensors/ Clinical Applications of biosensors Development of smart matrices for sensors/ Nanomaterials and NA Based Sensors	6	Nil
14	Dr. Kumar Rakesh Ranjan	Ph.D.	A.P.-I	Cordination Chemistry Molecular Magnets/Ligand Synthesis/Liquid Crystal	4	Nil
15	Dr. Vinod Kumar	Ph.D.	A.P.-I	Optical Spectroscopy/Ionic Liquids/Deep Eutactic Solvents/PrototropismDye Aggregation	3	Nil
16	Dr.Kundan Sharma	Ph.D.	A.P.-I	Physical Chemistry/Solution Thermodynamics/Fluid Phase Equilibria/Molecular Interactions/Thermo-acoustic analysis	2	Nil
17	Dr.Sheenamma Thatai	Ph.D.	A.P.-I	Solid State Physics (Theory)/Lattice dynamic/observation of crystal and semiconductor	1	Nil
18	Dr.pratibha Bansal	Ph.D.	A.P.-I	Synthesis and characteraziation of metal oxide/sulphide nano particles for heterogenous Catalysis and other potential applications	1	NIL

19	Dr.Sudipch akraborty	Ph.D.	A.P.-II	Computer simulation studying of folded native and partially unfolded structure of a Protein in aquas solution	3	
20	Dr R S Pandey	Ph.D.	A.P. & HOD, AP	Plasma (Natural)/SpacPlanetary Science/Free electron laser/semiconductor plasma martial	12	Produced: 1 Pursuing: 4
21	Dr U C Srivastava	Ph.D.	A.P.-.II	Solid State Physics (Theory)/Lattice daynamic/observation of crystal and semiconductor	11	Nil
22	Dr Sanjeev Kumar Srivastava	Ph.D.	A.P-III	Phonic Crystal Photonic Band Gap/Metal Material/Alternative Medicine	9	Pursuing: 2
23	Dr.Homdut t Sharma	Ph.D.	A.P.-.II	Study of Aerosol/Spectroscopy Technique	9	Nil
24	Dr.Shivani A. Kumar	Ph.D.	A.P.-.II	Quantum Optics/Squeezing/Teleportatio n	9.5	Nil
25	Dr.Pramila Shukla	Ph.D.	A.P.-.II	QUANTUM OPTICS	10	Nil
26	Dr G N Pandey	Ph.D.	A.P.-.II	Photonicss/Optoelectronics/Me tametal/Photons Band Gap/Negative Index Material	10	Nil
27	Dr.Anoop Kumar Shukla	Ph.D.	A.P.-.III	Ceramics/Ferroelectric Piezoelectric/Material Science/Dielectric Spectroscopy/ Piezoelectric devices	9	Pursuing: 1
28	Dr Adarsh Kumar	Ph.D.	A.P.-.III	Space & Atmospheric Sciences/Atmoshperic Electricity/Remote Sensing/ Instrumentation/ MODIS & NDVI	9	Nil
29	Dr.S.P Singh	Ph.D.	A.P.-.I	Liquid crystals/Material science/ Dielectric/Display Devices/Optical Property	5	Nil
30	Dr Surbhi Malik	Ph.D.	A.P.-.II	Atomic and Molecular /Spectroscopy/Molecular Physics/Laser	8	Pursuing: 1
31	Dr.Anu Arora	Ph.D.	A.P.-.I	Materials Science/Solid State Physics/ Glasses	5	Nil
32	Dr.Gaurav Sharma	Ph.D.	A.P.-.II	High Temperatures and High pressures Physics/Geophysics/Ceramic	7	Nil

				sciences/ Condensed matter Physics		
33	Dr Shefali Kanwar	Ph.D.	A.P.-I	Low energy nuclear physics/Particle Physics/Reactor Physics	4	Nil
34	Dr.Siddheswar Chopra	Ph.D.	A.P.-I	Computational Nanoscience/Computational Physics/Thin Films	5	Nil
35	Dr.Rohit Verma	Ph.D.	A.P.-I	Liquid crystalsRadiations effects/Material Science/Dialectic, Thermodynamically Switching/Liquid crystal display devices	4	Pursuing: 2
36	Dr. Deepak Tripathi	Ph.D.	A.P.-I	Laser Plasma Interaction/Terahertz Generation/Self Focusing/Laboratory Plasma/Parametric Instability	5	Pursuing: 1
37	Dr.Hardeep Kumar	Ph.D.	A.P.-I	Condensed Matter Physics/Thin films/ Magnetism/Spintronics/Epitaxy	5	Nil
38	Dr.Jyoti Katal	Ph.D.	A.P.-I	Plasmonic nanostructure/LSPR Field Enhancement/Sensor/SERS	3	Nil
39	Dr Chiranjib Konar	Ph.D.	A.P.-II	Observational Astrophysics/Astronomy/ Radio Galaxy/AGN Observation/Doule Double Radio galaxy	8	Nil
40	Dr. Ravi Kant Choubey	Ph.D.	A.P.-II	Nonlinear Optics, Thin Films/Solar cells Nano Material/Nonlinear crystals/Cds, Ins, Thin films/Optical Fiber based sensor	8	Nil
41	Dr.Monika Bahl	Ph.D.	A.P.-I	Singular Optics	2	Nil
42	Dr.Nilesh Kr. Pathak	Ph.D.	A.P.-I	Space Sciences	6monts	Nil
43	Dr.Gautam singh	Ph.D.	A.P.-III	Condensed Matter Physics	5.5	Nil
44	Dr.Prakriti Rai	Ph.D.	A.P.-III & HOD, AM	Special Functions, Hypergeometric Functions, Mock Theta Functions, Voigt functions, continued fractions,	15	M.Phil Produced:1 Ph.D.Produced : 1

				fractional calculus		Pursuing : 2
45	Prof. Chandra Kant Goel	Ph.D.	Professor	General Topology/Reliability/Mathematics Education	46	Nil
46	Dr.H.D.Arora	Ph.D.	Associate Professor	Fuzzy Information Measures/Entropy Optimization Principles/Source Coding/Software Reliability /Modelling (Optimization)	15	Ph.D. Produce: 1 Pursuing : 6
47	Dr.Roosel Jain	Ph.D.	A.P.-II	Reliability Modelling/Regenerative Points/Semi-Markov Processes/Stochastic Process/Cost-benefit Analysis	10	Nil
48	Dr. Anjali Naithani	Ph.D.	A.P.-III	Regenerative Point Technique/Semi Markov Process /Stochastic Process/Probabilistic Analysis	1	Nil
49	Dr. Rashmi Singh	Ph.D.	A.P.-III	Fuzzy Logic & Analysis	6	Ph.D. Pursuing : 3
50	Dr.Vandani Verma	Ph.D.	A.P.-II	Cryptography /Network Security/Digital Signature Encryption/Information Security	15	Ph.D. Pursuing : 1
51	Dr. Sonam DevganKaul	Ph.D	A.P.-II	Cryptography, Lightweight authentication, Threshold secret sharing	5	Nil
52	Ms. Riju Chaudhary	PhD pursuing	A.P.-I	P.hD pursuing (Mathematical modelling	5	Nil
53	Dr.Surbhi Gupta	Ph.D.	A.P.-III	Reliability/Availability/M.T.T.F /Stochastic Process/M.T.S.F	14	Ph.D. Pursuing : 1
54	Dr. Shweta Upadhyaya	Ph.D.	A.P.-I	Stochastic Models/Probability Theory/Queueing Models /Fuzzy Queueing Models	3	Nil
55	Dr.Sumit Kaur Bhatia	Ph.D.	A.P.-II	Partial Differential Equations	3	Nil
56	Dr.Kuldeep Chaudhary	Ph.D.	A.P.-II	Modelling and Optimization(Optimal Control theory) in Software Reliability/Marketing and Inventory-Production.	3	Ph.D. Pursuing : 1
57	Dr.Shashank Goel	Ph.D.	A.P.-II	Theory of Frames (Functional analysis)	5	Nil
58	Dr.Sudipa Chauhan	Ph.D.	Asstt. Professor-II	Mathematical ecotoxicology/Mathematical epidemiology/Mathematical	6	Ph.D. Pursuing : 1

				Modelling/Differential Equation/dynamical system.		
59	Ms. Gurpreet Kaur	M.Sc.	A.P.-I	Operation Research	6	Nil
60	Dr.Sacheendra Shukla	Ph.D.	A.P.-I	Relativity/Gravitational waves/Conformal/Metric/Tensor	3	Nil
61	Dr.Shilpi Agarwal	Ph.D.	A.P.-II	Linear and Non linear convection in Non linear fluid	3	Nil
62	Dr. Lovely Jain	Ph.D.	A.P.-I	Bio-Mathematics	6	Nil
63	Dr.Anupam Kr.Singh	Ph.D.	A.P.-I	Fuzzy Automata/Rough Set/Category Theory/Theory of Computation	2	Nil
64	Dr.Ritu Gupta	Ph.D.	A.P.I	Modelling in Reliability	2	Nil
65	Dr. Neha Bhardwaj	Ph.D.	A.P.-II	Modulus of continuity/Peetre's K-functional/Positive Linear Operators/ Kantorovich Operators/Error estimate	2	Nil
66	Dr. Amit Tomar	Ph.D.	A.P.-I	Shock waves in Gas dynamics	2	Nil
67	Dr. Abhishek Singh	Ph.D.	A.P.-II	Generalized functions (Distribution theory)/ Integral Transforms/Boehmians and Boehmian Spaces/Fractional Calculus/" Integral equations Wavelet analysis & its applications"	5	Nil
68	Dr.Rupakshi Mishra Pandey	Ph.D.	A.P.-III	Special functions/Integral Transforms/ Integral equations Fractional differential calculus /Fractional integral calculus	15	Nil
69	Dr.Ratnesh Kumar Mishra	Ph.D.	A.P.-I	Commutative and non commutative rings/ideals/modules/projective modules Grobner bases (Computational algebra).	6	Nil
70	Dr.Garimasingh	Ph.D.	A.P.-I	Mathematics (Nature inspired optimization techniques)	1	Nil
71	Dr.Himanshugupta	Ph.D.	A.P.-I	Pure Mathematics (Variational Inequalities)	5	Nil
72	Dr.Garima Sood	Ph.D.	A.P.-I	Mathematics (Number Theory/Partition Theory)	1	Nil
73	Dr.Divya	Ph.D.	A.P.-III	Mathematics (Operational	9	Nil

	Agarwal			Research)		
74	Dr. Sunil Hans	Ph.D.	A.P.-III	Pure Mathematics	6	Nil
75	Dr. Jayanti Tripathi	Ph.D.	A.P.-I		5	Nil
76	Dr. Jitendra Kumar	Ph.D.	A.P.-III & HOD	Scan Statistics and its application for spatio-temporal data Modeling & Simulation, Applied Time Series Analysis and Forecasting/"Multivariate Data Analysis	22	Pursuing :1
77	Dr. Devendra Kumar	Ph.D.	A.P.-I	Distribution Theory/Generalised order Statistics/Record Value/Order statistics	4	Pursuing: 3
78	Dr. Nandini Sarma	Ph.D.	A.P.-I	Order /Statistics Progressive censored sample/Generalized order statistics/Record Values Estimation Theory	2	Nil
79	Dr. Rohini Yadav	Ph.D.	A.P.-I	Sample survey/Estimation/Auxiliary variables	2	Nil
80	Ms. Rashmi Tiwari	M.Sc./M.Phil	A.P.-I	Order Statistics /Progressive censored sample/Generalized order statistics/Record Values/Estimation Theory	1	Nil
81	Dr. Abhishek sheoran	Ph.D.	AP-I	Statistics (Information theory)	Nil	Nil
82	Dr. Niraj Kumar	Ph.D.	AP-I	Statistics (Mathematical Demography)	2	Nil
83	Dr. Rakesh Ranjan	Ph.D.	AP-I	Statistics	Nil	Nil
84	Dr. Reetu	Ph.D.	AP-I	Reliability	Nil	Nil
85	Dr. Abhishek sheoran	Ph.D.	AP-I	Statistics (Information theory)	Nil	Nil
86	Prof D.K. Tyagi	Ph.d	Professor	Physics		Nil
87	Prof. Suresh Chandra	Ph.D	Professor	Astro physics	39	Nil
88	Prof. S.N. Shukla	Ph.D	Professor	X- Ray spectroscopy	38+12	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response:

The senior experts are frequently invited to deliver the guest lecturers as per their area of expertise to give exposure to PG students and strengthen the academic and research activities and research collaboration.

a: **Visiting Fellow:** Prof John Moses, Nottingham University

b: **Senior Emeritus Professor:** Prof. A.L. Verma and Prof. S. N. Shukla

13. Percentage of classes taken by temporary faculty – programme-wise information

Response: 10%

14. Programme-wise Student Teacher Ratio

S.No	Programme Name	Student : Teacher Ratio
1	B.Sc. (Hons) – Chemistry	25:1
2	B.Sc. (Hons) – Mathematics	25:1
3	B.Sc. (Hons) – Physics	25:1
4	Bachelor of Statistics	25:1
5	B.Sc. (Hons) – Statistics	25:1
6	M.Sc. (Applied Mathematics)	10:1
7	M.Sc. (Applied Chemistry)	10:1
8	M.Sc. (Applied Physics)	10:1
9	M.Sc. (Statistics)	10:1
10	Master of Statistics	10:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	7	5	5
academic support staff (technical)	10	9	9
administrative staff	6	5	5

The recruitment for additional staff is in process.

16. Research thrust areas as recognized by major funding agencies

Response:

The Major thrust areas of the department are as follows, which are recognised by the Major funding agencies which gives research fund to carry out research in these areas.

S.No	Research thrust area	Funding Agency
1	Sensors	DRDO
2	Plasma Physics	ISRO
3	Water Purification	MNRE
4	Bio sensors	DST
5	Thin Film	DST
6	Polymer composites	DST

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response:

A number of the National and International projects are running in the Institute. The total grant of Rs. 11279400/- has been received by the Institute. The details are as under:

S.No	Project title	Number of faculty	Funding agencies	Grants	Sanctioned amount
1	Fabrication of graphene and graphene composites based immunosensors for low density lipoprotein (LDL) detection	Dr.Maumita Das Mukherjee	Science and Engineering Research Board, New Delhi	7,44,000/-	7,44,000/-
2	Modification in the chemical bath deposition setup, growth and characterization of semiconducting thin films for photovoltaic applications	Dr. Ravi Kant Choubey	Science and Engineering Research Board, New Delhi	23,52,000/-	23,52,000/-
3	Study of low frequency plasma waves in Magnetosphere of Saturn	Dr.R.S.Pandey	ISRO (Physical Research Laboratory), Navrangpura, Ahmedabad	7,82,400/-	31,54,000/-
4	Development of Polymeric Composites for Low Cost Orthotic Aids (Co-PI)	Dr.R.K.Diwani&Dr.Sunita	DST	22,00,000/-	48,00,000/-

		Rattan			
5	Development of Smart Materials for rapid and sustainable water treatment	Dr Sangeeta Tiwari	DST	Money yet to be released	--
6	“Green Synthesis of novel BiOX(X = Cl, Br, I) and BiOXs composites, their immobilization on activated carbon fibers/ceramic paper and their applications as recyclable photocatalysts.”	Dr. Seema Garg	Department of Sciences & Technology (India) & Hungarian National Innovation Office	1,052,000	31,56,000/-
7	Modifications and Designing of Fly ash composites for Energy Saving & Building Applications	Dr. Sangeeta Tiwari & Dr.S.K. Dhawan, NPL.	Ministry of Environment & Forest, GOI	30,00,000/-	30,00,000/-
8	Interaction of Electromagnetic Wave with high energetic plasma in uranus	Dr.R.S.Pandey&Dr. U.C.Srivastava	Indian Space Research Organisation, Dept.of Space, Bangalore.	11,04,000/-	12,29,000/-
9	InTo Study the Transformation of Au-Pd Alloy NPs to Core Shell NPs Under Electron Irradiation	Dr.Hardeep Kumar	UGC-DAE CSR , Indore	45,000	45,000/-

18. Inter-institutional collaborative projects and associated grants received

Response:

a. National collaboration:

S.No.	Project title	Number of the faculty	Funding Agency
1	Modifications and Designing of Fly ash composites for Energy Saving & Building Applications	Dr. Sangeeta Tiwari & Dr.S.K.Dhawan, NPL.	Ministry of Environment & Forest, GOI

b. International collaboration:

S.No	Project title	Number of the faculty	Funding Agency
1	“Green Synthesis of novel BiOX(X = Cl, Br, I) and BiOXs composites, their immobilization on activated carbon	Dr. Seema Garg	Department of Sciences & Technology (India)

	fibers/ceramic paper and their applications as recyclable photocatalysts.”		& Hungarian National Innovation Office
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19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;

Response:

The following projects are sanctioned for the access to the instrumental facilities in Inter University Accelerator Centre, UGC, New Delhi and UGC/DAE CSR Indore;

S.No	Project title	Name of the faculty	Agency
1	Homogeneous dispersion of graphite nanoparticles within the polymer matrices	Dr. Sunita Rattan	IUAC/UGC DAE
2	InTo Study the Transformation of Au-Pd Alloy NPs to Core Shell NPs Under Electron Irradiation	Dr. Hardeep Kumar	UGC-DAE CSR Indore

20. Research facility / centre with

Response:

The University is recognised by DSIR / ISRO. The various characterization instruments are available in the university with different institutions which are always available to the students and the faculty.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Response:

We are in the process for submitting the proposal for the same to industry.

22. Publications:

Response:

Description	Number/ Detail
Number of papers published in peer reviewed journals (national / international)	448
Monographs	--
Chapters in Books	6
Edited Books	--
Books with ISBN with details of publishers	30
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	249

Citation Index – range / average	10-126
SNIP (Source Normalized : Impact per Person)	Around 1
SJR (Scimago Journal Rank)	
Impact Factor – range / average	0.1 – 7.44 / ~ 1
hindex	1-10

23. Details of patents and income generated

Response:

We have filed a number of patents. Efforts are being made for commercialization.

S.No	Patent Details	Income generated (INR)
1	An improved process for the preparation of primer formulations, useful for the protection of metallic structures and components against corrosion and abrasion' Dr Sangeeta Tiwari- (Patent No.215612) Date of submission 6/18/1998	Patent Filed
2	A process for the preparation of a novel semi gloss enamel formulation useful for decorative applications Dr Sangeeta Tiwari (Patent No. 220682) Date of submission 9/19/2001	Patent Filed
3	A process for surface modification of Fly ash for use as reflective agent' Dr Sangeeta Tiwari (1425/del/2009) Date of submission 7/10/2009	Patent Filed
4	A novel Transducer Matrix For Amperometric Cholesterol Biosensor Dr Karunendra Singh (1053) Date of submission 12/1/2009	Patent Filed
5	EGLASS EPOXYMATERIAL YOKE HARNESS Dr.R.S.Pandey2012(1844)	Patent Filed
6	A Novel System to reduce Ignition Delay in Diesel Engine by Introducing Electromagnetic Waves Generated in Plasma Dr.R.S.Pandey2013(1792).	Patent Filed
7	E-glass-epoxy material yoke harness Dr R.S. Pandey (1844/del/2012) Date of submission 6/15/2012	Patent Filed
8	Herbal silver nano particles – Dr Seema Garg(1556/DEL/2012) Date of submission 5/22/2012	Patent Filed
9	Synthesis of silver nano particles from the bark of Ashoka Tree Dr Seema Garg (1238/DEL/2012) Date of submission 4/23/2012	Patent Filed
10	Herbal nano silver using ratanjot for wound and burn treatment Dr Seema Garg (1320/DEL/2012) Date of submission 4/30/2012	Patent Filed

11	Targeted Drug Delivery Dr Seema Garg (1193/DEL/2012) Date of submission 4/18/2012	Patent Filed
12.	Herbal nano silver using black pepper for acne treatment Dr Seema Garg (943/DEL/2012) Date of submission 3.29/2012	Patent Filed
13.	Microwave assisted green synthesis Dr Seema Garg (2771/DEL/2013) Date of submission 9/23/2013	Patent Filed
15.	A novel composition of cinnamon- loaded polymeric nanoparticles in gum base for oral controlled release of cinnamon Dr Sunita Rattan (2860/DEL/2012) Date of submission 9/13/2012	Patent Filed
16	Chemiresistive sensors comprising PEDOT: PSS/NGPs Nanocomposites for detection of nitro aromatics Dr Sunita Rattan (2799/DEL/2012) Date of submission: 9/10/2012	Patent Filed
17.	Modification of nanocomposite of poly (3, 4-ethylenedioxythiophene)/poly (4-styrene sulphonate) (PEDOT: PSS) / nano graphite through ion implantation technique Dr Sunita Rattan (2239/DEL/2012) Date of submission: 7/19/2012	Patent Filed
18.	Development of novel nanocomposites as chemical sensors using functionalized graphite nanoparticles and grafted polymers through chemical ligation. Dr Sunita Rattan (806/DEL/2012) Date of submission: 3/20/2012	Patent Filed
19	Synthesis of PEDOT:PSS/NGPs Nanocomposites as Chemiresistive Sensors for detection of Nitroaromatics by Ms PrachiSinghal, S. Rattan and A.L. Verma, National, Application No. 2799/DEL/2012 dated 10-09-2012.	Patent Filed
20	“Detection of BTX vapors based on Metal-Tetraphenylporphyrin Functionalized Carbon Nanotube Composite Sensors by A.L. Verma and SwastiSaxena, National application No. 493/DEL/2013, CBR No. 1839, Ref. No. E-101/2376/2013-DEL dated 21-2-2013.	Patent Filed
21	”Metalloporphyrins-functionalized CNT Composite as Chemiresistive Sensor for Nitrobenzene and Chlorobenzene Vapors” by A.L. Verma&SwastiSaxena, National application No. 1316/DEL/2013, CBR No. 4479, Ref. No. E-101/5896/2013-DEL dated 05-3-2013	Patent Filed
22	“Novel low cost Zinc oxide nanocomposite for enhancing shelf life of cut flowers” by Deepshikha Gupta and A.L. Verma; National application No. 2209/DEL/2015, CBR No. 15572, Ref. No. E-101/73630/2015-DEL dated 22-07-2015.	Patent Filed
23	“Novel low cost Zinc oxide nanocomposite for enhancing shelf life of cut flowers” by Deepshikha Gupta and A.L. Verma; National application No. E-2209//DEL/2015, CBR No. 17521, Ref. No. E-2/1342/2016-DEL dated 05-07-2016.	Patent Filed
24.	A novel composition of cinnamon-loaded polymeric nanoparticles	Patent Filed

	in gum base for oral controlled release of cinnamon Dr Aditi Sangal; (2860/DEL/2012) Date of submission 9/12/2013	
25.	Development of cinnamon-cumin dual drug loaded poly (D,L-lactide-co-glycolide) coated polymeric nanoparticles for sustained release of anti-diabetic drugs Dr Aditi Sangal; (2474/DEL/2013) Date of submission 8/22/2013	Patent Filed
26	A novel exhaust system for reducing the gases and particulate matter emitted from vehicles. Dr Christine Jeyaseelan; (3010/DEL/2015) Date of submission 9/23/2015	Patent Filed
27	A novel system to reduce emission gases and particulate matter from diesel engine exhaust. Dr Christine Jeyaseelan; (3779/DEL/2015) Date of submission 11/19/2015	Patent Filed
28	Development of low cost, convenient and electroactive polyaniline-ceramic chalcogenide composites. Bijayalaxmi Panda, application no. 1373/DEL/2012. Published Date of Submission 30/4/2012	Patent Filed
29	Low cost and eco-friendly production of an electro-active hybrid composite of polyaniline and binary metal dichalcogenide. Bijayalaxmi Panda, application no. 778/DEL/2013. Published Date of submission - 14/03/2013	Patent Filed
30	Sustainable, low-cost and efficient adsorbent for water purification and a process thereof. Bijayalaxmi Panda	Patent Filed
31	Microwave mediated synthesis of an oxidizing agent for dye degradation. Bijayalaxmi Panda; application no. 2310/DEL/2013. Published Date of submission-31/07/2013	Patent Filed
32	Synthesis of iron based low cost binary mixed metal oxide semiconductor. Bijayalaxmi Panda; application no. 3748/DEL/2013. Published Date of submission: 23/12/2013	Patent Filed
33	Reduced 589rapheme oxide (RGO)-Metal oxide based visible light active photocatalyst for pollutant abatement and a process thereof. Bijayalaxmi Panda; application no. 2894/DEL/2014. Published Date of submission: 11/10/2014	Patent Filed

The Faculty is encouraged to submit more product oriented patents so that they can be commercialised.

24. Areas of consultancy and income generated :

Response: We are trying to start consultancy and have identified the areas.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad.

Response:

b) National

S.No	Faculty Name	Details of visit other Lab / Institution / Industry	Duration		Purpose
			From	To	
1	Dr. Vinod Kumar AP-I	IIT Kanpur	23/11/15	27/11/15	To present the research paper
2	Prof.Sunita Rattan Professor	Inter University Accelerator Centre	29/12/2015	29/12/2015	To present the research work
3	Prof.Sunita Rattan Professor	IRMSE-2016) Rohilkhand University Bareilly U.P	22/04/2016	22/04/2016	Invited talk
4	Dr Shefali Kanwar AP-I	JNU, New delhi	19/10/2015	19/10/2015	To present the research paper
5	Dr. C. Konar AP-II	National Centre for Radio Astrophysics.	Jun 11, 2016	Jun 24, 2016	Pune For collaborative work with Dr.Shubhasish Roy of NCRA

b) International

#	Faculty Name	Details of visit other Lab / Institution / Industry	Duration		Purpose
			From	To	
1	Kundan Sharma AP I	Universitat Regensburg , Germany	06/04/16	08/04/16	To present the research paper
2	Dr. Deepak Tripathi AP I	ICTP , Italy	30/06/2014	11/07/2014	To attend the workshop
3	Dr. Prakriti Rai, HOD Maths. Deptt.	Intl.Conference, Univ.of Barcelona, Spain	18.11.2015	20.11.2015	To present the research paper
4	Dr.KuldeepChaudhary	IMS,NUS,Singapore	04/05/15	15/05/15	To present the research paper

	AP II				
	Dr. Christine Jeyaseelan, AP-III	International Conference			Paper Presentation
5	Prof.Sunita Rattan Professor	Kaohsiung Medical University , Taiwan	01/05/2016	5/05/2016	Distinguished visiting scholar & invited talk
6	Dr Sudeepa Chauhan AP-II	Internatioanl conference(IC MSS-2016) kualalumpur	26 th Jan,2016	28 th Jan,2016	Presented paper

26. Faculty serving in :

Response:

S.N o.	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
A i	NAAC Assessor	Prof. A L Verma	Prof.	Member	3 years
	Executive Council MJP, Rohil Khand University			Governer's Nominee	
	BOS Sharda University			External Expert	
	Selection Committee, Jharkhand Central University, Bundelkhand University, Rohil Khand University			Member	
ii	IIT Delhi	Prof Sunita Rattan	Prof	External Expert for selection of Research fellows	
iii	NSIT	Prof C K Goel	Prof	Selection Committee	
B i	Editorial Boards Editorial Board of "Journal of Advances in Management Science and Information Systems"- Published from Canada ISSn No-2371-1647	Dr Devendra Kuma	AP-I	Member	1 year since Dec 2014
ii	Editorial Board of SOP-transaction on applied physics	Dr. S.K. Srivastava	AP-III	Member	Since 2012
iii	Member of BOS (1) Purvanchal University, (2) Siddharth University, (3)	Dr. G.N. Pandey	AP-II	Member	Since 2012

	Avadh University				
iv	Member of Science Journal	Dr. Adarsh Kumar	AP III	Member	Since 2015

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

S.No		Organised	Attended
A	Workshops	4	65
B	Training programs	1	55
C	Similar programs (FDPs)	3	70

28. Student projects :

Response:

Most of the students from physics/chemistry/mathematics/Statistics have been doing their project in collaboration with various reputed organizations like DRDO/ISRO/BARC/CSIR/ICMR/ CSO/IARI/NSO /NIC/NPL/PRL/IPR/MNC etc.

	M.Sc Applied Physics	M.Sc. Applied Chemistry	M.Sc. Applied Mathematics	M.Stat
Percentage of students who have done in-house projects including inter-departmental projects	10%	10%	30%	30%
Percentage of students doing projects in collaboration with other universities / industry / institute	90%	90%	70%	70%

29. Awards / recognitions received at the national and international level:

Response: Received by Faculty:

National:

S.No	Faculty Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1	Dr Shweta Upadhyaya A.P.	Awarded Best Paper Award at International Conference M3HPCST-2015 held in R. K. G. I.T., Ghaziabad, India	December 27-29, 2015
2	Dr H.D . Sharma A.P.-III	Awarded best poster paper in NCEPIAR	March 18-19, 2016
3	Dr. Seema Garg A.P.-III	Awarded best oral presentation in National convention of association of pharmacy	April 7, 2012

International:

S.No	Faculty Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1	Dr.Kuldeep Chaudhary A.P.	Awarded Best track paper award in International Conferences on Industrial Engineering and Operations Management (IEOM 2015) IEEE,	3-5 March, Dubai 2015

Received by Doctoral / Post doctoral fellows:

S.No	Faculty Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1	Prachi Singhal	Awarded best Paper Presentation	ICRTMD 2013
2	Reena	Awarded best Paper Presentation	ICRTMD 2013
3.	Payal Mazumdar	Travel grant awarded by The Institute of Photonic Sciences/ ICN2 for presenting paper in “Graphene Conference”	Barcelona, Spain, 2017.
4.	Payal Mazumdar	Financial grant awarded by JNCASF, Bangalore Govt of India to carry out the “SAXS measurements in transmission mode” in DESY X-ray radiation source Petra III Lab.	Humburg, Germany, 2016.

Received by Students:

S. No.	Name of the Student & Programme	Batch	Achievement	National / International
1.	Arshdeep Singh Jolly MSc(AP)	2015	Selected in CDS	National
2.	Shikha Bhadauria MSc(AP)	2013	PhD program of Max Plank Institute, Germany with fellowship	International
3	Kamnasheesh Debnath MSc(AP)	2016	PhD program of Max Plank Institute, Germany with fellowship	International
4	Kamal Arora MSc(AP)	2012	PhD program of Delhi Technical University	International

5	Debdipta Biswas B.sc.(H) Physics	2016	University of Paris with fellowship for M.Sc in Physics programme (ERASMVS MUNDUS Fellowship)	International
6	Shyama Gupta MSc(Statistics)	2014-16	2nd.prize winners of the "On the spot Essay Writing Competition 2016	organized by MOSPI (Ministry of Statistics and Programme Implementation)
7	Kanika Grover MSc(Statistics)	2014-16	Consolation prize winners of the "On the spot Essay Writing Competition 2016	organized by MOSPI (Ministry of Statistics and Programme Implementation)
8	Ms.NidhiPurohit (M.Sc. Maths)	2014-16	presented a paper entitled "Dynamics of SIRS model with single time delay" on Silver Jubilee of ISIAM, from 28-30 January. 2016.	International
9	ManasRanjan Dash M. Sc. Applied Physics	2014-16	Scientific visit to japan from 27 th February 2017 to 7 th March 2017	International
10	Khanak B.Sc. (H) Physics	2015-18	Awarded prize by SPACE – India for discovering 2 Asteroids	National
11	Prachi B.Sc. (H) Physics	2015-18	Awarded prize by SPACE – India for discovering 2 Asteroids	National
12	KamanasishDebnath M.sc. (AP)	25/5/2016	Riken (internship)	International
13	Debditta Biswas B.sc.(H) Physics	18/04/2016	Selected with fellowship in university of Paris (Max Plank)	International

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

S. No	Title of Event	Type of Event (Seminar / Conference / Workshop)	Duration of Event		Location of Event	Source of funding National / International	Outstanding Participants
			From	To			
1	Recent Trends in Materials and Devices (RTMD)	Conference	30 th October 2013	31 st October 2013	Amity University	International	90
2	Advanced analytical Techniques in Research & Development (AATRD)	workshop	20 th - December, 2012	21 st December, 2012	Amity University	National	Institutional faculty members+ M.Sc. Students
3	On “Advance Instrumental Methods of Analysis”	workshop	12 th July, 2012	12 th July, 2012	Amity University	National	Institutional faculty members+ M.Sc. Students
4	QUADCOPTER - 2015	workshop	19 th - January, 2015	20 th January, 2015	Amity University	National	Institutional faculty members+ M.Sc. Students
5	Matlab	workshop	15 October, 2015	16 th October, 2015	Amity University	National	Institutional faculty members+ M.Sc. Students
6	Data Analytics (Excel & VBA,SAS, R,Python & MAT Lab” software)	workshop	22 nd October, 2016	22 nd October, 2016	Amity University	National	Institutional faculty members+ M.Sc. Students
7	ICRTMD	Conference	15/12/15	17/12/15	Amity	International	45

					University	nal	External+ 500 Institution al faculty members and students
8	ICSFA	Conference	10/09/15	13/09/15	Amity University	internatio nal	30 Externa + + 90 Institution al faculty members and students

31. Code of ethics for research followed by the departments :

Response:

We follow the code of ethics in research.

Following guidelines are followed for research (available in University website)

1. G-53 University Research Policy Guidelines
2. G-54 Policy Guidelines for Amity Research Fellowship
3. G-55 Policy Guidelines for Student Research Projects
4. G-56 Policy Guidelines of Funding for Research
5. G-58 Policy Guidelines for Publication and Presentation of Research at Symposia/ Meetings/ Conferences

32. Student profile programme-wise:

Response:

Name of the	Applic	Registered			Pass percentage	
Programme	ations receiv ed					
		Male	Female	Total	Male	Female
B.Sc.(H)Physics 2015-2018	165	43	17	60	97%	94.1%
B.Sc.(H)Physics 2014-2017	80	13	3	16	92.3%	100%
B.Sc.(H)Physics 2013-2016	65	14	7	21	78.5%	85.7%
M.sc. (AP) 2015-2017	165	18	47	65	94.1%	98%
M.sc (AP) 2014-2016	181	20	63	83	100%	100%
M.sc (AP) 2016-2018	177	18	53	71	100%	100%

B.sc. (H) Maths H)2015-2018	35	19	15	34	100%	100%
B.Sc.(H) Maths (2014-2017)	22	14	8	22	100%	100%
B.Sc.(H) Maths 2013-2016	15	9	5	14	77.7%	100%
M.sc. (AM) 2015-2017	134	7	41	48	100%	100%
M.sc (AM) 2014-2016	84	1	26	27	0%	100%
M.sc (AM) 2016-2018	175	18	53	71	100%	100%
B.sc. (H)Chemistry (2015-2018)	77	12	61	73	91.6%	98.3%
B.Sc.(H)Chemistry (2014-2017)	39	12	26	37	100%	96.1%
B.Sc.(H) Chemistry 2013-2016	26	6	18	24	100%	100%
M.sc. (Ac) 2015-2017	181	6	51	57	83.33%	94.11%
M.sc (AC) 2014-2016	217	9	72	81	77%	87.5%
M.sc (AC) 2016-2018	181	11	48	59	100%	100%
B.sc. (H)Statistics (2015-2018)	27	2	2	4	100%	100%
B.Sc.(H) Statistics (2014-2017)	26	6	3	9	100%	100%
B.Sc.(H) Statistics (2013-2016)	16	2	3	5	100%	100%
M.sc. (Statistics) 2015-2017	21	3	18	21	100%	100%
M.sc. (Statistics) 2016-2018	56	8	10	18	100%	100%
M.sc (Statistics) 2014-2016	51	3	22	25	100%	100%
Ph.D in Chemistry	2	1	1	2	--	--
Ph.D in Physics	2	0	2	2	--	--
Ph.D in Maths	2	0	2	2	--	--
Ph.D in Statistics	5	1	1	2	--	--
Ph.D in Chemistry (Part Time)	13	8	6	14	--	--
Ph.D in Physics (Part Time)	2	0	2	2	--	--
Ph.D in Maths (Part Time)	18	4	10	14	--	--
Ph.D in Statistics (Part Time)	9	3	2	5	--	--

33. Diversity of students:

Name of the Programme (refer to question no. 4)	Programmes	% of students from other universities within the State	% of students from universities outside the State
AIAS (PG)	M.Sc. (AC) 2014	UP-17	114
	M.Sc (AP)	UP - 5	114
	M.Sc. (AM)	UP - 21	47
	M.Sc. Statistics	UP - 10	34
	M.Sc. (AC) 2015	UP-14	105
	M.Sc (AP)	UP-12	100
	M.Sc. (AM)	UP-19	69
	M.Sc. Stat	UP - 5	69
	M.Sc. (AC) 2016	UP-28	77
	M.Sc (AP)	UP-28	90
	M.Sc. (AM)	UP-20	96
	M.Sc. Stat	UP - 5	42

Name of the Programme (refer to question no. 4)	% of Students from the same school	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
AIAS (UG)				
B.Sc. (H) Mathematics 2014	NA	19	40	-
B.Sc. (Hons.) Statistics		5	10	3
B.S.Sc. (Hons) Physics		11	32	-
B.Sc. (Hons.) Chemistry		26	65	-
B.Sc. (H) Mathematics 2015		31	46	-
B.Sc. (Hons) Physics		15	73	-
B.Sc. (Hons.) Chemistry		39	100	-
B.Stat		3	15	-
B.Sc. (H) Mathematics 2016		39	79	-
B.Sc. (Hons) Physics		32	112	-
B.Sc. (Hons.) Chemistry		43	146	-
B.Stat		8	22	6

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

The students have been selected in different reputed Govt / Private organizations. The details are as follows:

Cleared Examinations	Number of students
Civil Services	1
Defence Services	2
NET	8
SET	-
GATE	9
Other competitive examinations (please specify)	-

35. Student progression

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	90%	92%	91%	90%	85%
Entrepreneurs	-	1	-	-	-

36. Diversity of staff

Response:

We recruit people on the basis of merit & research output from all over India & Abroad.

Percentage of faculty who are graduates	2012-13	2013-14	2014-15	2015-16	2016-17
of the same university	1	0	0	0	
from other universities within the State	30	32	35	36	
from universities from other States from	31	36	39	39	
universities outside the country	-	1	-	-	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

We encourage faculty to pursue higher studies along with their academic responsibilities. Around 14 faculty were awarded Ph.D.

38. Present details of departmental infrastructural facilities with regard to

Library	All Facilities (central library)
Internet facilities for staff and students	All the faculty members are provided with Laptops along with LAN & Wifi connections.
Total number of class rooms	14
Class rooms with ICT facility	12
Students' laboratories	10
Research laboratories	2

39. List of doctoral, post-doctoral students and Research Associates

Response: Around 68 students are enrolled for the Ph.D. programmes

S. No	Name	Year of Enrolment	Date of Registration	Programme	Research Topic
1	Ms. Prachi Singhal	2010 - 2012	March 23, 2011	PhD Chemistry	Metal-porphyrins functionalized carbon nanotubes as sensor for some chemical vapors
2	Ms. Swasti Saxena	2011 - 2013	August 30, 2011	PhD Physics	Synthesis and characterization of polymer graphite nanocomposites

3	Mr. Kamal Kishore Bajpai	2011 - 2014	July 22,2011	PhD Physics	Dielectric and pyroelectric studies on doped plzt and bszt ceramics for detector applications
4	Ms. ArtiMaan	2011 - 2014	02-Aug-11	PhD Chemistry	Development and charaterization of fly ash based composites for value added applications
5	Ms. Kawalpreet Kalra	2011 - 2014	04-Nov-11	PhD Physics	Systematic study of signature dependence in two quasiparticle states for even een nuclei
6	Ms. Anjali Dhimaan	2011 - 2014	13-Feb-12	PhD Mathematics	A Study of Fuzzy Information Measures and Its Applications In Coding and Decision Making
7	Ms. Reena Sharma	2012-2015	June 5,2012	PhD Chemistry	PolmersNanofibres : Synthesis,Characterization and Applications Thereof
8	Ms. Sonal Mittal	2012-2015	June 12,2012	PhD Mathematics	Generalized Nearness Spaces
9	Mr. Navin Pant	2012 - 2015	August 13,2012	PhD Physics	Epr and optical studies in vanadyl doped mixed alkali oxalate and tutton salts
10	Ms. Rajbir Kaur	2013(Ja n)-2015	January 7,2013	PhD Physics	Study of Low Frequency Plasma Waves in an Inhomogenous Magnetosphere of Uranus
11	Ms. Uma V.S	2013(Ja n)-2015	January 9,2013	PhD Physics	Features and interactions of super deformed rotational bands in different atomic mass regions
12	Mr. Pawan Kumar	2013(Ja n)-2016	January 14,2013	PhD Physics	Synthesis and charaterization of antimony (sb) and bismuth based ge-te semiconductors
13	Ms. Rashmi Rani Padhy	2013(Ja n)-2016	January 8,2013	PhD Chemistry	Synthesis and characterization of noval functional zeolitic materials based on industrial and agro wastes
14	Ms. Kiran Pal	2013(Ju ly) - 2016	19-Jun-13	PhD Mathematics	Application of generalized fuzzy set theory in medical diagnosis and decision making process

15	Ms. CharuBala	2013(July) - 2016	20-Jun-13	PhD Mathematics	Reliability models of technologic system with chances of wrong diagnosis on failure
16	Ms. Ruchi Shaw	2013(July) - 2015	24-Aug-13	PhD Chemistry	Design and synthesis of multifunctional core shell materials for environmental mitigation
17	Ms. Richa Sharma	2013(July) - 2015	26-Aug-13	PhD Chemistry	Synthesis and characterization of flyash based composite pigments and their application in nir reflective coatings
18	Ms. RamitaSahni	2013(July) - 2015	2-Sep-13	PhD Mathematics	Mathematical modelling and pelease problems in software reliability
19	Mr. RajkumarTomar	2013(July) - 2016	3-Sep-13	PhD Physics	Investigation of optical properties of i-d photonic crystal based on circular and rectangular geometry
20	Ms. Poonam Aggarwal	2013(July) - 2016	3-Sep-13	PhD Mathematics	Some generalised covering and separation axioms in topological and bitopological spaces
21	Ms. Prachi Yadav	2013(July) - 2016	2-Sep-13	PhD Physics	Synthesis and modification of polymer/nanographite nanocomposites through ion irradiation
22	Ms. PayalMazumdar	2013(July) - 2015	5-Sep-13	PhD Chemistry	Synthesis and characterization of functional polymer using click chemistry
23	Ms. VyomaBhalla	2013(July) - 2016	26-Sep-13	PhD Physics	Investigation of Ultrasonic and Thermophysical Properties for some Advanced Materials
24	Mr. Sarvendra Kumar	2013(July) - 2016	27-Sep-13	PhD Physics	Experimental & Computational Spectral Studies of some Substituted Benzoquinones
25	Mr. Ashok Kumar	2014(July) - 2017	15-Jul-14	PhD Statistics	Reliability Measures of Redundant Systems with Different Repair Policies Subject to Weather Conditions.

26	Ms. Kalpana Singh	2014(July) - 2017	9-Jul-14	PhD Statistics	Application of survival analysis using carrs(center for cardiometabolic risk reduction in south asia) data
27	Mr. Praveen Kumar	2014(July) - 2017	3-Jul-14	PhD Physics	Low Frequency Plasma Waves in Magnetosphere of Saturn
28	Ms. Seema Morab	2014(July) - 2017	4-Jul-14	PhD Physics	Plasma Instabilities in Magnetosphere of Jupiter
29	Ms. Tanu Mittal	2014(July) - 2016	16-Jul-14	PhD Chemistry	Studies on Synthesis and Characterization of Some Selected Metal Oxide Nanoparticles and thei Applications
30	Ms. Saumya Singh	2014(July) - 2016	14-Jul-14	PhD Mathematics	Generalized Fuzzy Information and Their Application
31	Mr. Rakesh Kumar Pandey	2014(July) - 2017	17-Jul-14	PhD Mathematics	Dynamical Systems in Topology
32	Ms. Taruna	2014(July) - 2017	15-Jul-14	PhD Mathematics	Measure of fuzzy and intuitionistic fuzzy information and its applications
33	Ms. VandanaKumari	2014(July) - 2017	21-Jul-14	PhD Mathematics	Analysis of age structured insect population dynamics with maturation delay and impulsive control strategy
34	Ms. ApurvaBhasin	2014(July) - 2016	25-Jul-14	PhD Chemistry	Stimuli responsive hydrogels from synthetic and natural polymers for biomedical applications
35	Mr GAURAV MISHRA	2015(Jan) - 2018	01-09-2015	PhD Mathematics	Modeling and optimization relating to software reliability and vulnerability assessment
36	Mr Anil Chandra	2015(Jan) - 2018	14/01/2015	PhD Mathematics	Reliability modelling for some stochastic process
37	Ms BhavnaKhurana	2015(Jan) - 2018	14/01/2015	PhD Mathematics	Fuzzy topology and its applications

38	Mr GAJAB SINGH	2015(Jan) - 2018	01-07-2015	PhD Statistics	Forecasting energy demand in india using non linear time series models
39	Ms POOJA JAIN	2015(Jan) - 2018	01-08-2015	PhD Statistics	T analysis of a 1-out-of-2 system with standby
40	Mr Mohammad Samir Farooqi	2015(Jan) - 2018	14/01/2015	PhD Statistics	On some aspects of generalized order statistics
41	Ms. TalatParveen	2015(Jan) - 2017	20/01/2015	PhD Mathematics	Mathematical modeling and application of information theory in decision making
42	Ms RupaliBatra	2015(Jan) - 2017	20/01/2015	PhD Statistics	Comparing approaches to survival modeling
43	Mr Mansoor Rashid Malik	2015(Jan) - 2017	29/01/2015	PhD Statistics	Methods of treatment of censored data
44	Mr Amber Bharti	2015 (Jul) - 2018	17-Jul-15	PhD Chemistry	Study of Impurity profile and degradation studies of drugs for various ailments
45	Ms DaljeetDhami	2015 (Jul) - 2018	15-Jul-15	PhD Physics	Theoretical study of electrostatic and electromagnetic waves in dusty plasma
46	Ms Khushboo Kapoor	2015 (Jul) - 2018	15-Jul-15	PhD Chemistry	Studies on ionizing radiation pretreatment and catalytic hydrolysis of lignocellulosics for its conversion to sugars for making value added products
47	Ms Km. Aparna Chaturvedi	2015 (Jul) - 2018	15-Jul-15	PhD Mathematics	Investigations in generalized special functions and its applications
48	Ms Pragya Mishra	2015 (Jul) - 2018	15-Jul-15	PhD Mathematics	A study of some identity based encryption and signature schemes and their applications

49	Mr Rajkumar Singh Rawat	2015 (Jul) - 2018	15-Jul-15	PhD Chemistry	Study on acrylate based uv curable coating systems for wooden surfaces
50	Mr Satendra Kumar	2015 (Jul) - 2018	15-Jul-15	PhD Physics	Computation and analysis of fractals & super fractals using fixed point iterative procedures
51	Mr SONU RAGHVAN	2015 (Jul) - 2017	15-Jul-15	PhD Chemistry	Development and characterization of polypropylene composites for biomedical applications
52	Ms Vinod Kumari	2015 (Jul) - 2018	15-Jul-15	PhD Chemistry	Nanoformulations of herbal plants to increase their efficacy towards different ailments
53	Ms. Saloni Mehra	2015 (Jul) - 2018	15-Jul-15	PhD Chemistry	Polymeric hydrogel composites and their application
54	Mr Sole Bhausahab Bapurao	2015 (Jul) - 2018	15-Jul-15	PhD Chemistry	Thermoplastic elastomers with improved breathability as specialty polymers.
55	Mr. Manoj Kumar	2015 (Jul) - 2018	15-Jul-15	PhD Chemistry	Synthesis of some novel heterocyclic compounds and evaluation of their drug potency
56	Ms Hemlata Aggarwal	2015 (Jul) - 2018	15-Jul-15	PhD Mathematics	Applications of fuzzy information measures and aggregation operators in decision making process
57	Ms. Narayan Pratap	2015 (Jul) - 2018	16-Jul-15	PhD Chemistry	Computation and analysis of fractals & super fractals using fixed point iterative procedures
58	Ms Meenakshi Singh	2015 (Jul) - 2018	15-Jul-15	PhD Physics	Investigation Of Optical Characteristics Of Photonic Crystal Based On Some Selected Photonic Materials
59	Ms Km Yachna Tyag	2015 (Jul) - 2018	15-Jul-15	PhD Physics	Parametric Instability And Non-Linear Wave Mixing In Laser Produced Plasmas
60	Saniya Batra	2016 (Jan) - 2019	20-Jan-16	PhD Mathematics	Research Title Not Defined By Research Scholar

61	Ch. Kartikeshwar Patro	2016 (Jan) - 2019	15-Jan-16	PhD Physics	Research title not defined by research scholar
62	Sathe Balaji Dashrath	2016 (Jan) - 2019	19-Jan-16	PhD Chemistry	Research title not defined by research scholar
63	Annex E. H.	2016 (Jan) - 2019	15-Jan-16	PhD Physics	Research title not defined by research scholar
64	Debi Garai	2016 (Jan) - 2018	19-Jan-16	PhD Physics	Research title not defined by research scholar

40. Number of post graduate students getting financial assistance from the university.

S.No .	Type of Scholarship or other financial assistance	Number of PG students				
		2012	2013	2014	2015	2016
1	ASTIF JRF	01	-	-	-	-
2	On Admission Merit Scholarship	--	2	5	7	3
3	Continuation of on Admission Merit Scholarship	--	--	1	3	8
4	Merit Scholarship during programme	--	1	2	3	6

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response:

Our Institution is providing the traditional courses, which are basic in nature. The need assessment exercise is done based on

- (a) Government Policies
- (b) Employability
- (c) Enquiry in Admission

Based on above, the programme is proposed as per AUUP rules to registrar office. After the approval of standing committee it is passed in Academic council.

42. Does the department obtain feedback from stake holders

Response:

We take feedback from Parents, Alumni and Industry Feedback.
 The feedback of the students is taken in CR meeting.

Faculty on curriculum as well as teaching-	Yes; the feedback is utilized for syllabus
--	--

learning-evaluation? If yes, how does the department utilize the feedback?	modification and revision and annual AAB &BoS meeting held for making the necessary changes in curriculum and teaching learning evaluation.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes; students give their feedback on Amizone related to teaching-learning and faculty and student feedback analysis is done and compared to improve the quality of teaching-learning by faculty.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes; feedback obtained from alumni and industry are utilized and after analysis, action plan on areas of improvement are sought and implemented.

43. List of distinguished alumni of the department (maximum 10).

S.No	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
1	Shikha Baduaria	M.sc. (AP)	2011-13	Max Plank Institute, Germany	Research Scholar
2	Sonal Asthana	M.sc. (AC)	2010-2012	ONGC, Mumbai	Senior Scientist
3	Ashutoshshandiliya	M.sc. (AC)	2010-2012	IIT Delhi	Project Assistance
4	Mayank Ohri	M.sc. (AC)	2010-2012	Asian Paints	Regional Manager
5	Shikha Jain	M.sc. (AC)	2011-13	District Treasury office, Chattisgarh	DTO
6	Tripti Mittal	M.Sc.(AM)	2012-14	INDirect Taxation (Trident Group)	Manager
7	Kamnasheesh Debnath	MSc(AP)	2014-2016	Max Plank Institute, Germany	Research Associate
8	Arshdeep Singh Jolly	MSc(AP)	2013-2015	Selected in CDS	Defence officer

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

The students are encouraged to present the papers in the National & International conferences. The students are nominated for the conference organised by other Institution, such as AINT, ASET, AIARS etc. Around 15 Guest lecturers have been organised by the Institute to give exposure to the students as per the following details.

Date of Event	Title of Event	Name of Chief Coordinator	Type of Event
12 th July, 2012	On “Advance Instrumental Methods of Analysis”	Dr. Aditi Sangal/Dr. Christine Jeyaseelan/Dr/Deepshikha Gupta	Workshop
8th August, 2012	“Vibrational Spectroscopic Study on the Reaction Mechanisms of Heme-Proteins”.	Prof.A.L.Verma	Guest Lecture By Prof.Takashi Ogura , Yogo University , Japan – on
20 th -21 st December, 2012	Advanced analytical Techniques in Research & Development (AATRD)	Prof. Sunita Rattan	National Workshop
3 rd Oct. 2013	on “Intelligent Nano bio systems for Bio-devices	Dr. A.K.Shukla	Guest Lecture By Prof. Ashutosh Tiwari, Linkoping Unviersity, Sweden
3th January, 2014	Emerging Areas in Applied Sciences	Dr. H.D.Arora	Guest Lecture By Prof. Abul Hassan siddiqi, Consultant MIMOS, Kualalumpur, Malaysia.
25 th March, 2014	“Statistics and its application, using SAS software”	Mr. Jitendra Kumar	Guest Lecture by Mr. Arindam Fadikar, Asst. Professor, Deptt. of Statistics, University of Delhi
19 th -20 th January, 2015	QUADCOPTER -2015	Dr. Christine Jeyaseelan	Workshop
15 th April, 2015	“Conducting polymers and their device applications”	Dr. A.K.Shukla	Guest Lecture by Dr. Amarjeet Kaur, Associate Professor, Department of Physics & Astrophysics, Delhi University North Campus, New Delhi
26 th august, 2015	" Application of Statistical tools in Sciences “	Dr. Jitendra Kumar	Guest Lecture by Dr. Ajay Kumar Chauhan, Associate Professor, IMT, Ghaziabad
15 & 16 th October, 2015	Matlab	Dr.Christine Jeyaseelan	workshop

4 th April, 2016	Infrared spectroscopy in Organic Chemistry	Prof.Sunita Rattan	Guest lecture by PROF. BORIS MIZAI KO & Dr. CHRISTINE KRANZ, ULM UNIVERSITY, GERMANY.
31 st August, 2016	on Potential applications of SciFinder in Different areas	Dr. Deepshikha Gupta	by Mr. Prathamesh Kulkarni from ACS International India Private Ltd.
29 th September, 2016	“Organic Functional Nanomaterials by Single Particle Triggered Linear Polymerization”	Prof.Sunita Rattan	by Prof. Shu Seki, Kyoto University, Japan.
22 nd October, 2016	“Data Analytics (Excel & VBA,SAS, R,Python & MAT Lab” software)	Dr.H.D.Arora	workshop (M/s. Palin technologies, Gurgaon)
3 rd Nov. 2016	“Surface-Enhanced and Tip-enhanced Raman Spectroscopy”	Prof.Sunita Rattan	Guest Lecture by Prof. Y. Ozaki, K.W. University, Nishinomia, Japan

45. List the teaching methods adopted by the faculty for different programmes.

Response:

We follow different methodologies in addition to the traditional approaches of Lectures, Tutorials and Practical. The other methodologies are:

1. Blended Learning
2. Case Based Learning
3. Cooperative Learning
4. Field Based Learning
5. Inquiry Based Learning
6. Conduction of Workshop/ Seminars
7. Problem Based Learning
8. ICT based teaching/ Web based Learning
9. LMS (Learning Management System)
10. MOOCS (Massive Open Online Courses) .

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response: The learning outcome is more qualitative and focuses on improving teaching methods by assessing student learning outcomes. Quantitative approach is followed for doing

the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning. The brief points are:

(a) Framing of PEO/PLO

- i. The programme educational objectives (PEOs) are framed based on Institutional Mission & Graduate Attributes.
- ii. The Programme learning outcomes are framed in line with PEOs.

(b) Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

- i. PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome have an objective and achievement of the outcome indicates the attainment of the said objective

(c) Assessment of learning outcomes:

- i. Each outcome is assessed by atleast one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with the objective and thereby with the mission at the institutional and domain level. The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes

47. Highlight the participation of students and faculty in extension activities.

Response:

Students of M. Stats, M.Sc. Applied Maths, M.Sc. Applied Chemistry, M.Sc. Applied Physics have worked in various fields like

- i. Educating Underprivileged Children, Interacting with hearing impaired children, interacting with elderly people, worked for society upliftment, Dengue awareness campaign, Visit to an Orphanage for donation of stationary and interaction, Poster making competition to know our legendary achievers, debate on “Need of spirituality in Modern Youth”, drive for caring injured street animals etc.
- ii. The students are linked with many NGOs like Bal Sahyog, Vanprastha Ashram, Sanjay Gandhi Animal Care centre, Raja Garden, Anand Organisation for Social development, Suniye NGO, Human Touch Foundation, Greater Noida, Sai Bal Sansaar (Sai Kripa Foundation)

Community work

1. Awareness to environment in the community
2. Cleanness drive in community
3. Educating slum/underprivileged children of poor people community
4. Becoming a volunteer tutor in community
5. Becoming a tour guide for a local historical organization
6. Volunteering to teach English for Speakers of other Languages
7. Volunteering to give music lessons to people in your community

Social work

1. Looking after of men or women in Old Age Homes & to provide them medical aids
2. Donated old clothes to poor kids
3. Donated children's books, novels, and other reading materials to shelters, libraries, and schools
4. Help to blind girls in making of handicrafts
5. Taught computer skills to the elderly
6. Animal care including animal home & shelter

48. Give details of “beyond syllabus scholarly activities” of the department.

SCHOLARLY AND PROFESSIONAL ACTIVITIES, PAST FOUR YEARS						
S. No	SCHOLARSHIP OF:					Professional Activities (Member of Society)
	Faculty Name	Teaching	Discovery	Integration	Application	
1	Prof. Sunita Rattan	7	8	2	19	-Indian Science Congress -Asian Polymer Association -
2	Dr. Sangeeta Tiwari	3	5	1	10	
3	Dr Christine Jeyaseelan	2	3	-	4	-Indian society of Analytical Chemists -Association of Chemistry Teachers
4	Dr. Deepshikha Gupta	-	1	-	5	-Indian society of Analytical Chemists -Association of Chemistry Teachers
5	Dr. Aditi Sangal	-	2	-	-	
6	Dr. R.S. Dubey	4	-	-	2	
7	Dr. Vasundhara Srivastava	-	-	-	1	-
8	Dr Bijayalaxmi Panda	2	6	2	4	
9	Dr. Seema Garg	2	8	2	8	-
10	Dr. Anita Gupta	-	4	-	5	-

12	Dr.Maumita Das Mukherjee	-	-	1	5	-Indian Associations for cultivation of Science
13	Dr.Karunendra Singh	-	1	-	4	-
14	Dr. Kumar Rakesh Ranjan	-	-	2	2	-CSIR
15	Dr. Vinod Kumar	-	-	2	-	-
16	Dr.Kundan Sharma	-	-	1	6	-Indian Thermodynamic Society - International Association of Computer Investigative specialists
17	Dr. Sheenam Thatai	-	-	-	-	-Indian Science Congress -Indian Chemical Society
18	Dr. Pratibha Bansal	-	-	-	-	-
19	Dr.Sudipchakraborty	-	-	-	-	-American Chemical Society
20	Dr R S Pandey	-	2	1	24	-BASI
21	Dr U C Srivastava	-	-	-	8	-IAENG, Hong Kong -IACSIT, Singapore
22	Dr Sanjeev Kumar Srivastava	-	-	-	9	-Member Optical Society of India
23	Dr. Homdutt Sharma	-	-	2	5	-
24	Dr. Shivani A. Kumar	1	-	-	4	-
25	Dr. Pramila Shukla	-	-	-	3	-Indian Association of Physics Teachers
26	Dr G N Pandey	-	-	-	12	-
27	Dr.Anoop Kumar Shukla					
28	Dr Adarsh Kumar	-	-	-	12	-IASTA -ISRS -IMS
29	Dr. S.P Singh	-	-	-	6	-IRSP -IREO
30	Dr Surbhi Malik	-	-	-	3	-
31	Dr.Anu Arora	-	-	-	-	-

32	Dr.Gaurav Sharma	-	-	1	4	-IAPT
33	Dr Shefali Kanwr	-	-	-	1	-
34	Dr.Siddheshwar Chopra	-	-	1	9	-Materials Research Society of India
35	Dr.Rohit Verma	2	-	2	10	-Indian LC Society
36	Dr. Deepak Tripathi	5	-	2	5	-PSSI and Laser Physics
37	Dr.Hardeep Kumar	-	-	2	7	-IEEE
38	Dr.Jyoti Katyal	-	-	-	4	-
39	Dr Chiranjib Konar	2	1	2	8	-
40	Dr. Ravi Kant Choubey	-	-	2	14	-
41	Dr.Monika Bahl	7	-	-	7	-Optical Society of America
42	Dr.Nilesh Kr. Pathak	-	-	-	-	-
43	Dr. Gautam Singh	0.5	-	1	8	-ILCC, -ILCS, -USA, -APS, OSI
44	Dr. Prakriti Rai	-	-	-	7	-Indian Science Congress -Indian Mathematical Society
45	Prof. Chandra Kant Goel	-	-	-	-	-Indian Science Congress -Indian Mathematical Society -Math Association of India -History of Mathematics
46	Dr. H.D.Arora	1	-	-	15	-
47	Dr. Roosel Jain	-	-	-	4	-
48	Dr. Anjali Naithani	-	-	-	4	-
49	Dr. Rashmi Singh	-	-	-	11	-Member of 3 Academic Society
50	Dr.Vandani Verma	-	-	-	7	-
51	Dr. Sonam Devgan Kaul	-	-	-	5	-CSRI
52	Ms. Riju Chaudhary	-	-	-	-	-
53	Dr.Surbhi	-	-	-	6	-ISIAM

	Gupta					
54	Dr. Shweta Upadhyaya	-	-	-	9	-
55	Dr. Sumit Kaur Bhatia	2	-	-	3	-
56	Dr. Kuldeep Chaudhary	2	-	-	7	-SIAM (US) -INFORMS (US) -SREQOM (India)
57	Dr. Shashank Goel	2	-	-	3	-IAENG
58	Dr. Sudipa Chauhan	1	-	-	4	-IAENG -WASET
59	Ms. Gurpreet Kaur	-	-	-	-	-
60	Dr. Sacheendra Shukla	-	-	-	3	-ISIAM
61	Dr. Shilpi Agarwal	-	-	-	15	-
62	Dr. Lovely Jain	-	-	-	6	-
63	Dr. Anupam Kr. Singh	-	-	-	16	-IAENG -Rough Set Society -ISM Dhanbad
64	Dr. Ritu Gupta	-	-	-	4	-
65	Dr. Neha Bhardwaj	-	-	-	9	- Indian Mathematical Society
66	Dr. Amit Tomar	-	-	-	5	-
67	Dr. Abhishek Singh	-	-	-	14	-IIGF, -IMS, -SMAA, -BHU, -IAEGN, -SSFA
68	Dr. Rupakshi Mishra Pandey	-	-	-	1	-SSFA
69	Dr. Ratnesh Kumar Mishra	-	-	-	2	-
70	Dr. Garimasin gh	-	-	-	6	-SCRS
71	Dr. Himanshu Gupta	-	-	-	4	-
72	Dr. Garima Sood	-	-	-	4	- Indian Mathematical Society -SSFA
73	Dr. Divya Agarwal	-	-	-	8	-ORSI
74	Dr. Sunil Hans	-	-	-	2	-

49. State whether the programme/ department is accredited/ graded by other agencies? If

yes, give details.

Response:

The Institute is a constituent unit of AUUP which is accredited by WASC and NAAC.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response: The Institute has published

- Research Papers : 245
- Filed Patents : 33
- Running Projects : 07
- Completed Projects : 06

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

S.No	Strengths
1	Applications based / industry oriented curriculum. Choice based credit system and specialized electives in all programmes
2	Qualified and Experienced Faculty
3	Research
4	Collaboration with research institutions in India / Abroad
5	Increasing Trend of Number of admission

Major strength is application based curriculum along with highly qualified and experienced faculty. Specialized Electives makes the student opt for specialization in the field of interest. Also, the industry based curriculum makes the student to be updated on the latest developments in the respective area of studies. Highly qualified Faculties helps in projecting the accurate future of students based on their past experiences. Our publications in reputed journals are promoting the collaboration with reputed organisations.

The excellent teaching & research has alternated good number of students to pursue their degree from Amity.

S.No	Weaknesses
1	Limited job opportunities
2	Limited research funding form government.
3	Commercialisation of patents
4	Lack of partnership with industry
5	Lack of International exposure

S.No	Opportunities
1	Exploring job opportunities
2	To increase government funded projects
3	Commercialisation of patents
4	To collaborate with Industry
5	To give International exposure to the faculties

52. Future plans of the department:

1. To start the new programme M.Sc. (Medical Physics) and Ph.D. in Astronomy
2. Apply aggressively for Government funding.
3. To send faculty to Inter-campus to give their exposure.

Evaluative Report Amity Institute of Forensic Sciences

1. **Name of the Department :**

Response: Amity Institute of Forensic Sciences (AIFS)

2. **Year of establishment :**

Response : 2008

3. **Is the Institution / Department is part of a School/Faculty of the university?**

Response: Yes. Faculty of Engineering, Science & Technology under Science & Technology Domain.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

Response :

1. **UG :** B.Sc. (H) Forensic Science
2. **PG :** M.Sc. Forensic Science
3. **Ph.D.** Forensic Science

5. **Interdisciplinary programmes and departments involved**

Response:

Programme: B.Sc. (H), M.Sc. & Ph.D. Forensic Science.

Departments involved : AIBHAS, AIPS, AISER, AINT, AIFT, AIAS

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Response : B.Sc. (H) Forensic Science, Dubai Campus under Study Abroad Program

7. **Details of programmes discontinued, if any, with reasons –**

Response: None

8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System**

Response : Semester and Choice Based Credit System

9. **Participation of the department in the courses offered by other departments / institutions**

Response:

#	Department / Institution Name	Course name
2014-2015: Jul-Dec, 2014		

1	AIFT	FOOD 101 - Introduction to Biology
2	AIAS	CHEM 713 - Forensic Chemistry, Toxicology & Pharmacology
3	AIAS	CHEM 714 - Advanced Forensic Chemistry
4	AIAS	CHEM 715 - Forensic Chemistry & Toxicology – Practical
<u>2014-2015: Nov, 2014 - Apr, 2015</u>		
1	AIAS	CHEM121 – Chemistry
2	AIAS	STAT122 - Research Methodology and Statistics
<u>2015-2016: July – Dec, 2015</u>		
1	AIFT	FOOD 101 - Introduction to Biology
2	AIAS	CHEM721 - Forensic Chemistry, Toxicology and Pharmacology
3	AIAS	CHEM722 - Advanced Forensic Chemistry
4	AIAS	CHEM723 - Forensic Chemistry and Toxicology – Practical
<u>2015-2016: Dec, 2015 – Apr, 2016</u>		
1	AIAS	CHEM121 – Chemistry
2	AIAS	STAT122 - Research Methodology and Statistics
3	AIAS	STAT664 - Statistics and Research Methodology
<u>2015-2016: Jul - Dec, 2016</u>		
1	AIFT	FOOD101 - Introduction to Biology
2	AIAS	CHEM 722 – Advanced Forensic Chemistry

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response:

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	1	1
Associate Professors	Nil	Nil	Nil
Asst. Professors	8	8	8
Others (Teaching Associate, Visiting Faculties)	6	6	6

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response:

S. No	Name	Qualification	Designation	Specialization	No. of Years of Experience	Ph.D./M.Phil. students guided for the last 4 years
1	Dr. S. K. Shukla	M.Sc., PhD	Professor and Director	Forensic Science	42 years	PhD: 8
2	Dr. V. C. Mishra	PhD Forensic Science	Assistant Professor (Grade- III)	Questioned Documents and Fingerprints	14 Years	
3	Dr. Himanshu	M.Sc., PhD Forensic	Assistant Professor	Forensic Science	9 Years and 10	

	Khajuria	Science	(Grade- II)		Months	
4	Dr. B. P. Nayak	PhD Forensic Science	Assistant Professor (Grade- II)	Forensic Science	10 Years	
5	Dr. Jyoti	M.Sc., Ph.D., LLB	Assistant Professor (Grade- II)	Toxicology, Ballistics, Forensic Science	14 Years	PhD: 3
6	Dr. Pooja Malik	BDS, M.Sc, PGDDM	Assistant Professor (Grade- II)	Forensic Biology, Serology, Anthropology & Odontology	7 Years 7 Months	NA
7	Dr. Shruti Gupta	M.Sc., PhD Forensic Science, UGC – JRF & NET	Assistant Professor (Grade- I)	Questioned Documents and Fingerprints	7 Years	PhD: 2
8	Dr. Amarnath Mishra	Ph.D., M.Phil., M.Sc., P.G.D.C.A., UGC-NET.	Assistant Professor (Grade-II)	Forensic & Analytical Toxicology, Forensic Medicine, DNA Fingerprinting, Computer Forensics	8 Years	
9	Dr. Prateek Pandya	M.Sc., Ph.D., Post Doc	Assistant Professor (Grade- II)	Forensic Science, Chemistry and Structural Biology	12 Years	PhD: 04
10	Ms. Neha Tomar	M.Sc.	Research Associate	Forensic Science	6 Years	NA
11	Amit K. Chauhan	M.Sc.	Teaching Assistant	Forensic Science	1 Year	NA

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors.:**

Response: Nil

13. **Percentage of classes taken by temporary faculty – programme-wise information :**

Response: Nil

14. **Programme-wise Student Teacher Ratio**

Response:

#	Programme Name	Student Teacher Ratio
1	Undergraduate	23:1
2	Postgraduate	7:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Response:

Non-Teaching Staff	Sanctioned	Filled	Actual
Academic support staff	1	1	1
Academic support staff (technical)	2	2	2
Administrative staff	1	1	1

16. **Research thrust areas as recognized by major funding agencies:**

Response: Nil

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise**

Response: Nil

18. **Inter-institutional collaborative projects and associated grants received**

Response: Nil

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Response: Nil

20. **Research facility / centre with**

Response: Nil

21. **Special research laboratories sponsored by / created by industry or corporate bodies**

Response: Nil

22. **Publications:**

Response:

AIFS publications are in diverse fields and in national and international journals of repute.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	83
Monographs	0
Chapters in Books	1
Edited Books	0
Books with ISBN with details of publishers	1
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	23
Citation Index – range / average	1-218 / 2.62
SNIP	0
SJR	0
Impact Factor – range / average	1-4
h-index	2--6

23. **Details of patents and income generated :**

Response: Nil

24. **Areas of consultancy and income generated :**

Response: Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :**

Response: Nil

26. **Faculty serving in**

Response:

AIFS faculties are actively engaged in growth and development of forensic science. They are the members of various national and international organizations.

#	Name Committee/ Board	Faculty Name	Tenure
a	National committees		
	<ul style="list-style-type: none"> STOX (Society of Toxicology) FSDS(Forensic Science Development Society) UPASTA(Uttar Pradesh Association for the Science and Technology advancement) 	Dr. Jyoti Singh Assistant Professor	Life Member
	<ul style="list-style-type: none"> The Indian Science Congress Association, Kolkata (ISCA), India (L17793). The Society of Toxicology (STOX), India (913L). The Indian Society of Human Genetics (ISHG) (L/1600/2011). The Society of Biological Chemists of India (SBCI) (LM 2516/2011). The Indian Academy of Forensic Sciences (IAFS), India (104, LM 8/2011). The Indian Society of Toxicology (IST), India (253/TOX/LM12). The Association of Toxicology, India (AoT) (FM036/2012). The Association for the Promotion of DNA Fingerprinting and Other DNA Technologies (ADNAT), India (LMS 836/2011). The Asian Institute of Human Science & Development (AIHSD), India. 	Dr. Amarnath Mishra Assistant Professor	Life Member
b	Editorial Boards		
	<ul style="list-style-type: none"> Med Phoenix: an official journal of National Medical College & Teaching Hospital, Nepal. Journal of Forensic Research(OMICS 	Dr. Amarnath Mishra Assistant Professor	

	Group <u>Incorporation</u> , USA) ○ Symbiosis SOJ/Toxicology		
c	International committees		
	<ul style="list-style-type: none"> ○ The American Academy of Forensic Sciences (AAFS), USA (135159). ○ The Asia Pacific Association of Medical Toxicology (APAMT). ○ The Nepal Forensics Society (NEFOS), Nepal. ○ The International Association of Forensic Toxicologist (TIAFT) (2990). ○ Worldwide Association of Women Forensic Experts (WAWFE). 	Dr. Amarnath Mishra Assistant Professor	<ul style="list-style-type: none"> ○ Annual Member ○ Life Member ○ Life Member ○ Annual Member ○ Annual Member and Area Coordinator
d	any other (please specify)		
	<ul style="list-style-type: none"> ○ Indian Forensic Organization (IFO) ○ Intense Forensic Services (IFS) ○ Forensic Task Force (FTF) 	Dr. Shruti Gupta Assistant Professor	Life Time

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response:

#		Organised	Attended
a	Refresher	Nil	0
b	Orientation programs	Nil	0
c	Workshops	Nil	
	Dr. Shruti Gupta	Nil	2
	Dr. Amarnath Mishra	Nil	7
d	Training programs		
	Dr. Shruti Gupta	Nil	2
	Dr. Amarnath Mishra	Nil	2
e	Similar programs (please specify)	Nil	0

28. Student projects:

Response:

Some of the work has also been published in journals. Some students have worked in CFSLs, FSLs, etc.

percentage of students who have done in-house projects including inter-departmental projects	90%
percentage of students doing projects in collaboration with other universities / industry / institute	10%

29. Awards / recognitions received at the national and international level:

Response:

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award recognition)	National / International
1	Dr. Shruti Gupta	Assistant Professor (Grade-I)	<ul style="list-style-type: none"> 1ST Prize in Poster Presentation on International Symposium on Emerging Paradigms in Forensic Science, Department of Forensic Science, Punjabi University, Patiala. Qualified UGC – JRF & NET Senior Research Fellow (SRF) 	9 th March, 2013	International
2	Dr. Amarnath Mishra	Assistant Professor (Grade-II)	<ul style="list-style-type: none"> Qualified UGC-NET Examination for Lectureship in Forensic Science. 	8 th October, 2010 24 th June 2007, 30 th December 2007 & 28 th December 2008	National National National

3	Dr. Prateek Pandya	Assistant Professor (Grade-II)	<ul style="list-style-type: none"> ○ Dr. D. S. Kothari Post-Doctoral Fellowship ○ ○ Senior Research Fellowship ○ UGC-NET 	1 st December, 2011 2009 21 st October, 2013	International National National
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30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response: Nil

31. **Code of ethics for research followed by the departments**

Response:

Following guidelines are followed for research (available in University website)

1. G-53 University Research Policy Guidelines
2. G-54 Policy Guidelines for Amity Research Fellowship
3. G-55 Policy Guidelines for Student Research Projects
4. G-56 Policy Guidelines of Funding for Research
5. G-58 Policy Guidelines for Publication and Presentation of Research at Symposia/ Meetings/ Conferences

32. **Student profile programme-wise:**

Response:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. 2011-14	128	22	42	100%	100%
B.Sc. 2012-15	206	37	64	98%	98%
B.Sc. 2013-16	326	75	113	100%	100%
M.Sc. 2011-13	57	06	23	100%	100%
M.Sc. 2012-14	54	14	28	98.8%	98.8%
M.Sc. 2013-15	69	11	31	100%	100%
M.Sc. 2014-16	92	21	38	86.79%	86.79%

33. Diversity of students

Response:

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Sc. 2016		13.37%	86.6%	0.3%
M.Sc. 2015		18.3%	81.7%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response:

Cleared Examinations	Number of students
Civil Services	NA
Defence Services	NA
NET	2 (in last 3 years)
SET	Nil
GATE	Nil
Other competitive examinations (please specify)	NA

35. Student progression

Response:

Student progression	Percentage against enrolled
UG to PG	90%
PG to M.Phil.	Nil
PG to Ph.D.	40%
Ph.D. to Post-Doctoral	Nil
Employed	60%

<input type="checkbox"/> Campus selection	(15%+45%)
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	10%

36. Diversity of staff

Response:

Percentage of faculty who are graduates	
of the same university	70%
from other universities within the State	15%
from universities from other States	15%
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

S. No.	Name of Faculty	Title of Ph.D. Thesis
1	V. C. Mishra	Questioned documents delineation and analysis of typical feature and comparison of specific characters in different forged documents.
2	Biswa Prakash Nayak	Study of Y-STR polymorphism: A comparison between unrelated individuals belonging to khandayat and non-khandayat community of Odisha and Random Indian Population.
3	Himanshu Khajuria	A comparison of degree of retention of drugs in hair in Term of two different types of treatment.

38. Present details of departmental infrastructural facilities with regard to

Library	(Central Library)
Internet facilities for staff and students	Available LAN as well as Wi-Fi Connectivity
Total number of class rooms	7
Class rooms with ICT facility	Nil (LCD projector facility is available for use by individual faculties)
Students' laboratories	2
Research laboratories	1

39. List of doctoral, post-doctoral students and Research Associates

Response:

From the host institution/university	20
From other institutions/universities	Nil

<u>S.No.</u>	<u>Name</u>	<u>Enrollment No.</u>	<u>Batch</u>	<u>Status</u>	
1.	Ms. Priyanka Rawal	A5908012001	Jul 2012-2014	Full- Time	
2.	Mr. Amit Chauhan	A5908012002	Jul 2012-2014	Full- Time	
3.	Ms. Pooja Malik Puri	A5930513001	Jul 2013-2016	Part- Time	
4.	Ms. Neha Tomar	A5930513002	Jul 2013-2016	Part- Time	
5.	Mr. Jaskaran Singh	A5908013001	Jul 2013-2015	Full- Time	
6.	Ms. Sushma Rani Pandey	A5930514001	Jan 2014-2017	Part- Time	
7.	Ms. Kavita Goyal	A5930514004	Jul 2014-2017	Part- Time	
8.	Mr. Puneet Puri	A5930514003	Jul 2014-2017	Part- Time	
9.	Mr. Naresh Kumar	A5930514002	Jul 2014-2017	Part- Time	
10.	Ms. Sarita Sharma	A5930515001	Jan 2015-2018	Part- Time	
11.	Ms. Ashu Goyal	A5930515002	Jan 2015-2018	Part- Time	
12.	Mr. Vijay Raj Anand	A5930515003	Jul2015-2018	Part- Time	
13.	Mr. Parshuram Singh	A5930515004	Jul2015-2018	Part- Time	
14.	Mr. Amar Pal Singh	A5930515005	Jul2015-2018	Part- Time	
15.	Ms. Tamanna Jaitly	A5908016001	Jan2016-2018	Full-Time	
16.	Ms. Anubha Lal	A5930516001	Jan2016-2018	Part-Time	
17.	Ms. Monika Chakravarty	A5930516002	Jan2016-2018	Part-Time	
18.	Mr. Ajay Prakash	A5930516003	Jan2016-2018	Part-Time	
19.	Mr. Vivek Kumar	A5930516004	Jan2016-2018	Part-Time	
20.	Ms Shipra Rohatgi	A5930516005	July2016-2019	Part-Time	

40. **Number of post graduate students getting financial assistance from the university.**

Response:

Inspire fellowship is one of the prestigious fellowship awarded by DST, India. It is given to meritorious students.

#	Type of Scholarship or other financial assistance	Number of PG students
	Inspire Fellowship	2

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response:

No new programme has been started in last 4 years.

42. **Does the department obtain feedback from**

Response:

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Feedback has been taken from members of BOS and their feedbacks have been incorporated in updating of syllabus each year.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Feedback has been taken on Amizone – online by each and every student and the same has been incorporated by each faculty on direction of HOI.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Some Alumni are the members of BOS and their feedbacks have been incorporated in updating of syllabus each year.

43. List the distinguished alumni of the department (maximum 10)

Response:

#	Alumni Name	Programme Name	Associated with (Organisation Name)	Designation
34.	Ms. Neha Tomar	M. Sc. In Forensic Science 2007-2009	Worked in Medical College, Nepal Currently teaching in Amity university	Research Associate
35.	Dr. Shruti Gupta	M. Sc. In Forensic Science 2007-2009	Assistant Professor in Amity University	Assistant Professor
36.	Dr. Himanshu Khajuria	M. Sc. In Forensic Science 2004-2006	Assistant Professor in Amity University	Assistant Professor
37.	Mr. Amit Chauhan	M. Sc. In Forensic Science 2009-2011	Currently teaching in Amity university	Teaching Associate
38.	Mr. ashish Badiye	M. Sc. In Forensic Science 2009-2011	Forensic Institute of Nagpur	Assistant Professor
39.	Mr. Ripunjay Sinha	M. Sc. In Forensic Science 2009-2011	Forensic Science lab	Scientific Assistant
40.	Mr. Nasruddin Ali	M. Sc. In Forensic Science 2008-2010	Forensic Science lab	Scientific Assistant
41.	Mr. Bhavya Singh	B.Sc. in Forensic Science 2008-11	Indian Army	Commissioned Officer
42.	Mr. Dinesh Sharma	M. Sc. In Forensic Science 2012-14	Wipro and DNA Forensic Lab	Analyst
43.	Ms. Sheeza Azim	M. Sc. In Forensic Science 2012-14	Aptech Solution	Project manager

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

S. No.	GUEST LECTURES ORGANIZED	Dates
1.	Dr. P. C. Dixit, Former Head of Forensic Medicine, MAMC, Delhi	15-Mar-13
2.	Dr. R. K. Sarin, Director, FSL, Govt of NCT Delhi	15-Mar-13
3.	Mr. Wim Wan Gelovan, Director, Netherland Forensic Institute, Hague.	25-Mar-13
4.	Dr. J R Gour, Former Director, FSL, HP, Junga	4-Jun-13
5.	Dr. S K Jain, Dy. Dir. CFSL, Chandigarh	5-Jun-13

6.	Dr. R. K. Tiwari, Former Scientific Advisor to Chief of Naval Staff & Former Chief forensic Scientist, MHA, Govt of India, New Delhi	20-Jan-14
7.	Mrs. Gita Manen of Hyderabad (on AURA Energies)	13-Mar-14
8.	Mr. Arun Pandey, Cyber Forensic Expert	13-Mar-14
9.	Ms. Hitakshi & Mr. Avadhesh on DNA sampling, GE, Gurgaon	13-Mar-14
10.	Dr. Harsh Sharma, Jt. Director, FSL, Sagar	13-Mar-14
11.	Dr. C. N. Bhattacharya, Chief Forensic Scientist, DFSS, MHA, Govt of India, New Delhi	13-Mar-14
12.	Mr. Ramesh Madan, First Indian Private Investigator, New Delhi	13-Mar-15
13.	Mr. Pratap Somvanshi, Resident Editor, Daily Hindustan, New Delhi	13-Mar-15
14.	Mr. Jitendra Singh, Document Expert, FSL, Delhi	13-Mar-15
15.	Dr. Madhulika Sharma, Dy. Dir. FSL, Delhi	13-Mar-15
16.	Mrs. Deepa Verma, Dy. Dir, FSL, Delhi	13-Mar-15
17.	Dr. Sanjiv Lalvani, Registrar, AIIMS, New Delhi	13-Mar-15
18.	Dr. Anupama Raina, Senior Scientist, Deptt of forensic Medicine, AIIMS, New Delhi	24-Apr-15

**45. List the teaching methods adopted by the faculty for different programmes.
For all programs offered by AIFS**

Response:

Faculties adopt the following methods.

1. Group discussion, Presentation, Case study discussion, News Paper articles.
2. Lecturing method with the help of ICT.
3. Demonstrating method.
4. Collaborating methods including Classroom discussion.
5. Case Studies.
6. Conduction of Moot courts.
7. Documentary display.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

Outcome Assessment:

The learning outcome assessment monitoring is more qualitative and focuses on improving teaching methods by analysing student learning outcomes.

Quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning.

The learning outcome monitoring include aligning of domain mission to institutional mission and finally to the program objective. These broad goals are categorized in two categories namely educational goal and operational goal.

Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome has an objective and achievement of the outcome indicates the attainment of the said objective.

Assessment of learning outcomes:

Each outcome is assessed by at least one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with the objective and thereby with the mission at the institutional and domain level.

The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes.

Program Review:

Through program review we assess and overview the following criteria:

1. Students are learning the knowledge, skills and habits necessary to achieve program goals and objectives
2. The program goals are derived from the institution's mission.
3. The curriculum is coherent, current and consistent.
4. The instruction is acting as enabler to the students.
5. The requisite resources are adequate for student learning
6. The academic support services are adequate to facilitate student learning.

47. **Highlight the participation of students and faculty in extension activities.**

Response:

Participation of faculty members in extension activities:

Dr. Shruti Gupta : – Crime Scene Investigation Event and Human value Quarter activities

Participation of students in extension activities: Human value Quarter activities

48. **Give details of “beyond syllabus scholarly activities” of the department.**
Faculty are involved in following Scholarly & Professional Activities such as :

Response:

Scholarship of Teaching

- a. Published Articles/Manuscripts
- b. Published Cases with Instructional Materials
- c. Presentations at Conferences/Workshops
- d. Conference/Workshop Attended
- e. New Courses/Curricula

Professional Activities:

- a. Professional Membership
- b. Conference/Workshop

Types of Scholarly activities are attached as annexure-1.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. :**

Response:

Yes ISO certified by BSI

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

The department is actively engaged in research activities through its faculty members the research scholars. The publications originating from the department reflect the knowledge generated in various scientific disciplines.

New knowledge generated in the field is regularly added in the syllabi.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response:

#	Strengths
1	Number of Students in all courses including research programs are increasing every year.
2	Successfully implemented Choice based credit system for all courses.
3	Timely conduction of examination, evaluation & declaration of results.
4	Active participation of students in sports and extracurricular activities such as Youth fest, Sangathan, Human Value Quarter, etc.
5	Students encouraged to pursue research in forensic & allied sciences. (Two Inspire fellowships awarded by DST)

#	Weaknesses
1	Less Consultancy
2	Collaboration for faculty and student exchange
3	Alumni Interaction
4	Funded projects.
5	Patent filing

#	Opportunities
1	Forensic Science has wide spread application in Criminal justice system as well as every field of life in a civilized society. It can be taken up as societal mission mode for betterment of Law enforcements justice and crime free environment.
2	IQAC helps in maintaining proper Internal Quality which ensures superior institutional functioning.
3	Regular sensitization of students for Environmental concerns is beneficial for the society.
4	Value added courses, foreign language and other courses outside department (domain & other electives), Choice based credit system (CBCS) facilitates best learning as compared to other universities offering forensic science.
5	Guest lectures and Lecture series by eminent professors and scientists will be organized for enhanced teaching-learning process. This will motivate students to pursue research in advanced areas.

#	Threats
1	Less qualified, forensically unskilled and persons of other not related area personnel are encroaching in the field of Forensic education and practice.
2	Urgent Need for Faculty recharge programs for capability enhancement of teachers.
3	Urgent Need for collaboration with laboratories and institutions for research and innovation.
4	Urgent need for faculty exchange programs
5	Forensic lecture series should be inducted to create general awareness among the society.

52. Future plans of the department.

Response:

- The Institute Plans to Start a Diploma Course for In-Service Personnel's.
- Improve the quality of research projects submitted to funding agencies.
- Improve filing of Patents
- Collaboration with laboratories and institutions for research and innovation.

Evaluative Report (Amity Institute of Food Technology)

1. Name of the Department

Response : Amity Institute of Food Technology (AIFT)

2. Year of establishment

Response : 2006

3. Is the Institution / Department is part of a School/Faculty of the university?

Response: Yes Faculty of Science, Engineering and Technology.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG : B.Tech (Food Technology)

PG : M.Tech (Food Technology)

M.Sc (Foods & Nutrition)

PhD : Ph.D (Foods & Nutrition)

Ph.D (Food Technology)

5. Interdisciplinary programmes and departments involved

Response

Programmes:

B.Tech (Food Technology)

M.Tech (Food Technology)

M.Sc (Foods & Nutrition)

Ph.D (Foods & Nutrition)

Ph.D (Food Technology)

Departments;

6. Courses in collaboration with other universities, industries, foreign institutions, etc

Response MoU with ICMR

7. Details of programmes discontinued, if any, with reasons

Response None

8. Examination System: Annual / Semester / Trimester / Choice Based Credit System

Response ; Semester and Choice Based Credit System

9. **Participation of the department in the courses offered by other departments / institutions**

Write up: The university offers Choice Based Credit System to the students. As per the model framework of different programmes, the students can choose specialization elective, domain elective OABC and VAC courses as per their choice.

#	Department / Institution Name	Course name
	AIAS, AINT, AIFS	Domain Elective courses offered by these departments every semester.
	Institutions all over the University	Open Elective courses offered by these departments every semester.
	ASPESS, AUBSI, ACC, ASFA	OABC courses
	ASFL, AIBHAS, AICC	Value Added Courses

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response

The requisition for Associate Professor and Professor in the Institute has been forwarded to the Higher Management

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	2	0	0
Associate Professor	4	0	-
Asstt. Professor	12	11	11

Faculty from other departments from the domain also take classes.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Write up : All the faculty members are from various specialization in the food technology, Food science, life sciences, nutrition and food process engineering.

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Neha Sharma	M.Sc., MBA (HR) & Ph.D	Asst. Prof.	Food Technology	9 +	03 (Under Guidance)
Mrs. Renu Khedkar	M.Tech & Ph.D	Asst. Prof	Food Technology	9 +	-
Dr. Monika Thakur	M.Sc. & Ph.D	Asst. Prof	Life Sciences	7 +	02 (Under Guidance)
Dr. Chanu Handa	M.Sc. & Ph.D	Asst. Prof	Food Science / Foods and Nutrition	15	03(Under Guidance)
Dr. Karuna Singh	M.Sc. & Ph.D	Asst. Prof	Foods and Nutrition	16	08(Under Guidance)
Dr. Alok Saxena	M. Tech & Ph.D	Asst. Prof	Food Technology	6.5	04(Under Guidance)
Mr.Ankit Paliwal	M.Tech & Pursuing Ph.D	Asst. Prof	Biochemical and Food Technology	5.5	-
Ms. Mandeep Kaur	M.Tech.	Asst. Prof	Food Processing	5	-
Dr. Shradha Sodhani	M.Sc. & Ph.D	Asst. Prof	Nutrition	4	-
Dr. Himjyoti Dutta	M.Tech & Ph.D	Asst. Prof	Food Technology	1.5	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

NIL

13. Percentage of classes taken by temporary faculty – programme-wise information

B. Tech.	M.Tech	M. Sc.
Odd – 3 courses (5.5%)	0	0
Even – 2 courses (2.3%)	0	0

14. Programme-wise Student Teacher Ratio

#	Programme Name	Student Teacher Ratio
1	UG & PG (Combined)	20:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	01	01	01
academic support staff (technical)	04	04	04
administrative staff	03	03	03

16. Research thrust areas as recognized by major funding agencies

Write up: Research is going on the areas like; Traditional Foods, Mycology, Functional Foods and Nutraceuticals, Edible Coating, Fermented Foods, Food Packaging, Rice Technology, Clinical Nutrition, Health Foods, Public Health Nutrition etc.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Write up: One of the faculty members is a Co-PI in the research project under which the University has received a grant of Rs.48.42 lacs from BIRAC. The details are mentioned below.

#	Project title	Number of faculty	Funding agencies	Grants received
	Novel Approach to reduce Zinc Malnutrition in Rural Women and Children through Agronomic Biofortification of Food Crop.	Dr. Karuna Singh(Co-PI)	BIRAC	48.42 lakhs at AUUP

18. Inter-institutional collaborative projects and associated grants received

NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NIL

20. **Research facility / centre with**

NIL

21. **Special research laboratories sponsored by / created by industry or corporate bodies**

NIL

22. **Publications:**

Write up: The Annual research targets for respective faculty members are being set by the Faculty members in consultation with HoI.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	63
Monographs	2
Chapters in Books	10
Edited Books	-
Books with ISBN with details of publishers	2
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	04
Citation Index – range / average	Nil
SNIP (Source Normalized : Impact per Person)	Nil
SJR (Scimago Journal Rank)	Nil
Impact Factor – range / average	02
h-index	Nil

Details attached in Annexure-I

23. **Details of patents and income generated**

Year	Patents Filed	Income generated
2012-13	Nil	Nil
2013-14	01 Filed	Nil
2014-15	01 Filed	Nil
2015-16	01 Filed	Nil
Jul-Dec 2016	01 Filed	Nil

24. **Areas of consultancy and income generated**

Year	Consultancy	Income generated
2012-13	Nil	Nil
2013-14	Nil	Nil
2014-15	01	Rs. 90000.00
2015-16	Nil	Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

NIL

26. **Faculty serving in**

#	Name Committee/ Board
a	National committees Dr. Karuna Singh External member for BOS, School of Allied Health Sciences, Sharda University for 02 years (2014-15) (2015-16)
b	Editorial Boards Dr. Karuna Singh Editorial Board member of 3 journals and Reviewer of 4 Journals Dr. Monika Thakur Member of Editorial Board of two Journals

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

#		Organised	Attended
a	Refresher	-	2014-15 - 01 Mr. Ankit 2015-16 – 01 Dr. Monika
b	Orientation programs	-	
c	Workshops	-	2015-16 – 01 Dr. Himjyoti
d	Training programs	-	
e	Similar programs (please specify)	-	

- i. **Write up:** Attended National workshop on *Use of statistical Methods in Biochemical and Social Sciences along with Computer Software*. Zoology Department, MC College, Barpeta. From 28th to 30th July, 2015

28. Student projects : Quality : India Prospective “under QMP held from 1-4 Dec 2015 (CRDT, IIT Delhi)

Write up : The Under Graduate students undergo major project of 12 week duration during their VIII Semester at various reputed organization and industries like CFTRI, NDRI Coke, Pepsico, TUV, Haldiram, ITC and many more. The Post Graduate students have Gone for dissertation at various industries and research organisation like NFI, PHFI, NDRI, CFTRI and various reputed hospitals like Max, Fortis etc.

percentage of students who have done in-house projects including inter-departmental projects	5%
percentage of students doing projects in collaboration with other universities / industry / institute	100%

29. Awards / recognitions received at the national and international level:

Received by Students:

#	Student's Name	Description of Award / Recognition received	National / International
1	Jazeba Javed	Certificate of Merit in All India Essay Writing Competition Event 2015 organized by SRCM and UNIC	National
2.	Ruchi Singh	Certificate cof Merit in All India Essay Writing Competition Event 2015 organized bySRCM and UNIC	National
3.	Yuvraj Bhatia	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
4	K.Shreya	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
5	Amrisha Singh	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
6	Sahil Arora	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
7	Shivangi Singha	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
8	Gangadhar Singh	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
9	Rupanjali Bisht	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized	National

		by TFS Corporate Solutions Ltd.	
10	Vidhi Gupta	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
11	Parvathi Pillai	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
12	Kanika Bhati	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
13	Agria Joshi	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
14	Jazeba Javed	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
15	Abhishek Garg	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
16	N S S Kalyani	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
17	Rishita Halder	Participated in Training Programme on Food Safety Compliances-GMP/GHP and Site Audits organized by TFS Corporate Solutions Ltd.	National
18	Himadri Bali	AIFPA Scholarship	National
19	Vipul Prakash Saran	AIFPA Scholarship	National
20	Aman Arora	AIFPA Scholarship	National
21	Jazeba Javed	AIFPA Scholarship	National
22	Mr Pathan Asif Shafik	Winner of Poster Competition in "WORLD FOOD DAY"	Institutional
23	Ms Kirti Mittal	Winner of Competition in Amity Youth Festival	Institutional
24	Ms Sonam Yadav	Organized activities during Human Value Quarter	Institutional
25	Ms Afsha Khursheed	Participated in Workshop on Role of Probiotics in Healthy Lifestyle	National
26	Ms Amrita Kumar	Participated in Workshop on Role of Probiotics in Healthy Lifestyle	National
27	Ms Amrita Kumar	Certification in Food Safety Management Systems Professional Training	Institutional
28	Ms Afsha Khursheed	Certification in Food safety and management systems	Institutional
29	Ms Kajal Gupta	Certification in Food safety and management systems	Institutional
30	Ms Devieka	TEDx Amity University	International
31	Ms Kirti Mittal	Coordinated Trespure Hunt in AIFT	Institutional
32	Mr Varun Gadodia	Summer internship at Gadre marine export pvt. ltd. , ratnagiri	National
33	Ms Mehzabeen Bano	Winner of First prize in Trespure Hunt in AIFT	Institutional

34	Mr Mohit Kumar	Attended HIERANK	National
35	Ms Afsha Khursheed	Attended HIERANK	National
36	Ms Afsha Khursheed	Published International journal of control theory and applications (SCOPUS indexed)	International
37	Ms Sonam Yadav	Participated in Noida Auto Expo for Food Safety Compliances-GMP/GHP and Site Audits	National

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Seminar:

#	Title of Event	Location of Event Source of funding National / International	Outstanding Participants
	Role of Probiotics in Healthy lifestyle	AUUP - National	AUUP Faculty, Delhi Univ, Gautam Budha Univ.

31. Code of ethics for research followed by the departments

Response:

AIFT follows code of ethics as laid down by Amity University. Following guidelines are followed for research (available in University website)

1. G-53 University Research Policy Guidelines
2. G-54 Policy Guidelines for Amity Research Fellowship
3. G-55 Policy Guidelines for Student Research Projects
4. G-56 Policy Guidelines of Funding for Research
5. G-57 Policy Guidelines for Publication and Presentation of Research at Symposia/Meetings/Conferences

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
B. Tech (Food Tech) passing out 2013 batch	66	10	09	80%	100%
M.Tech (Food Tech) passing out 2013 batch	19	09	00	100%	NA
M.Sc. (Foods & Nutrition) passing out 2013 batch	11	00	03	NA	100%

B. Tech (Food Tech) passing out 2014 batch	64	09	18	78%	100%
M.Tech (Food Tech) passing out 2014 batch	43	12	05	100%	100%
M.Sc. (Foods & Nutrition) passing out 2014 batch	32	00	11	NA	91%
B. Tech (Food Tech) passing out 2015 batch	58	05	06	80%	100%
M.Tech (Food Tech) passing out 2015 batch	45	02	04	50%	100%
M.Sc. (Foods & Nutrition) passing out 2015 batch	42	00	10	NA	90%
Ph.D (Food Tech) (Jul) (Part Time) 2015 batch	01	00	01	NA	Ongoing
B. Tech (Food Tech) passing out 2016 batch	140	21	27	Awaited	Awaited
M.Tech (Food Tech) passing out 2016 batch	37	03	03	Awaited	Awaited
M.Sc. (Foods & Nutrition) passing out 2016 batch	56	00	14	Awaited	Awaited
Ph.D (Food Tech) (Jul) (Part Time) 2016 batch	04	02	01	Awaited	Awaited
Ph.D (Foods & Nutrition) (Jul) (Part Time) 2016 batch	01	00	01	NA	Awaited

33. Diversity of students

Write up: The students, who got admitted in UG, PG and doctoral programmes are from various States of India. The Institute also have International students.

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B. Tech (FT) 2012-16 batch	NA	NA	NA	00
B. Tech (FT) 2013-17 batch	NA	NA	NA	00
B. Tech (FT) 2014-18 batch	NA	NA	NA	1.15 % (01 student)
B. Tech (FT)	NA	NA	NA	2.30%

2015-19 batch				(02 students)
B. Tech (FT) 2016-20 batch	NA	NA	NA	00
M.Tech (FT) 2011-13 batch	00	00	100%	00
M.Tech (FT) 2012-14 batch	17.65% (03 students)	00	82.35%	00
M.Tech (FT) 2013-15 batch	00	50%	50%	00
M.Tech (FT) 2014-16 batch	16.67% (01 student)	16.67% (01 student)	66.67%	00
M.Tech (FT) 2015-17 batch	01	01	03	00
M.Tech (FT) 2016-18 batch	00	02	07	00
M.Sc (F&N) 2011-13 batch	00	33.33% (01 student)	66.37% (02 students)	00
M.Sc (F&N) 2012-14 batch	00	00	90.90%	9.09% (01 student)
M.Sc (F&N) 2013-15 batch	00	00	100%	00
M.Sc (F&N) 2014-16 batch	00	00	100%	00
M.Sc (F&N) 2015-17 batch	00	00	18	00
M.Sc (F&N) 2016-18 batch	00	02	28	01
Ph.D (Food Tech) 2012 batch	00	00	100%	00
Ph.D (Food Tech) 2013 batch	00	66.67%	33.33%	00
Ph.D (Foods & Nutrition) 2013 batch	00	00	100%	00
Ph.D (Food Tech) 2014 batch	00	00	100%	00
Ph.D (Foods & Nutrition) 2014 batch	00	25%	75%	00
Ph.D (Food Tech) 2015 batch	00	40%	60%	00
Ph.D (Foods & Nutrition) 2015 batch	00	25%	75%	00
Ph.D. (Food	00	00	100%	00

Tech) 2016 batch				
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34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

NIL

35. **Student progression**

Student progression	Percentage against enrolled				
	2012	2013	2014	2015	2016
UG to PG	21	35	42	09	26
PG to M.Phil.	-	-	-	-	-
PG to Ph.D.	-	25	11	27	25
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed					
<input type="checkbox"/> Campus selection	26	38	09	15	06
<input type="checkbox"/> Other than campus recruitment	37	10	35	38	35
Entrepreneurs	05	03	13	12	08

36. **Diversity of staff**

Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	NIL
from universities from other States from	100%
universities outside the country	NIL

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

01 (Mrs. Renu D Khedkar in November 2016)

38. Present details of departmental infrastructural facilities with regard to

Library	Yes, Central Library
Internet facilities for staff and students	Yes, Wi-Fi Zone
Total number of class rooms	4 + 1 (Four class rooms with 60 seat capacity and 1 Tutorial room.
Class rooms with ICT facility	No,
Students' laboratories	Yes, 4 Labs and 1 Process Hall with 7 sections
Research laboratories	No

39. List of doctoral, post-doctoral students and Research Associates

S. No	Programme	Batch	Scholar Name	Enrolment No.
1	Ph. D. (Food Tech) (Part Time) (Jul)	2012-15	Mrs. Renu D Khedkar	A4342412001
2	Ph. D. (Food Tech) (Part Time) (Jul)	2013-16	Mr. Ashish M Mohite	A4342413001
3	Ph. D. (Food Tech) (Part Time) (Jul)	2013-16	Mr. Kshitiz Kumar	A4342413002
4	Ph. D. (Food Tech) (Part Time) (Jul)	2013-16	Ms. Rachna Shalini	A4342413003
5	Ph. D. (Foods & Nutrition) (Part Time) (Jul)	2013-16	Ms. Vinita Thapliyal	A4353813001
6	Ph. D. (Food Tech) (Part Time) (Jan)	2014-16	Ms. Debasmita Patra	A4342314001
7	Ph. D. (Food Tech) (Part Time) (Jul)	2014-17	Nirupama Sharma	A4342414001
8	Ph. D. (Food Tech) (Part Time) (Jul)	2014-17	Pratibha Tiwari	A4342414002
9	Ph. D. (Food Tech) (Part Time) (Jul)	2014-17	Zeba Jamil	A4342414003
10	Ph. D. (Foods & Nutrition) (Full Time) (Jul)	2014-17	Zaozianlungliu Gonmei	A4353714001
11	Ph. D. (Foods & Nutrition) (Part Time) (Jul)	2014-17	Akanksha Jain	A4353814001
12	Ph. D. (Foods & Nutrition)	2014-	Tripti	A4353814

	(Part Time) (Jul)	17		002
13	Ph. D. (Foods & Nutrition) (Part Time) (Jul)	2014-17	Sanjeev Kumar Mishra	A4353814003
14	Ph. D. (Foods & Nutrition) (Full Time) (Jan)	2015-17	Ms. M. Sneha Nair	A4353715001
15	Ph. D. (Food Tech) (Part Time) (Jan)	2015-18	Ms. Rukhsaar Sayeed	A4342415001
16	Ph. D. (Food Tech) (Part Time) (Jan)	2015-18	Mr. Ankit Paliwal	A4342415002
17	Ph. D. (Foods & Nutrition) (Part Time) (Jan)	2015-18	Ms. Bushra Shaida	A4353815001
18	Ph. D. (Foods & Nutrition) (Full Time) (Jul)	2015-17	Ms. Jyoti Goyat	A4353715002
19	Ph. D. (Foods & Nutrition) (Full Time) (Jul)	2015-17	Ms. Shivani Mittal	A4353715003
20	Ph. D. (Foods & Nutrition) (Part Time) (Jul)	2015-18	Ms. Ritu Kumari	A4353815002
21	Ph. D. (Foods & Nutrition) (Full Time) (Jan)	2016-18	Ms. Rashmi	A4353716002
22	Ph. D. (Foods & Nutrition) (Part Time) (Jan)	2016-19	Ms. Chhavi Gupta	A4353816001
23	Ph. D. (Foods & Nutrition) (Part Time) (Jan)	2016-19	Ms. Uma Kanal	A4353816002
24	Ph. D. (Food Tech) (Part Time) (Jul)	2016-19	Mr. Birabrata Nayak	A4342416002

from the host institution/university	NIL
from other institutions/universities	24

40. **Number of post graduate students getting financial assistance from the university.**

NIL

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Feedback from industry & academia on regular basis.

42. **Does the department obtain feedback from**

Department takes feedback from the students twice in a semester

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes. Faculty gives feedback and review courses in the role of Chief Course Coordinators, PRC, internal members of Board of Studies
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students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes. Students give their feedback twice in a semester(Post-commencement and Pre-exam)
alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes. From alumni and employers feedback is taken for course-curriculum. Also feedback is taken during NTCC. The changes suggested are incorporated in course-curriculum after review.

43. List the distinguished alumni of the department (maximum 10)

#	Alumni Name	Associated with (Organisation Name)	Designation
1.	Mr. Ananiah Blessing	General mills india private limited	Quality Coordinator II
2.	Ms. Komal Arora	Dcp india pvt ltd	Food Technologist
3.	Mr. Asif Shafik Pathan	Al Marai	Dairy Technologist
4.	Ms. Isha Kulshreshtha	Jubilant fresh pvt ltd	New product introduction executive
5.	Mr. Jayesh Kardam	Havmor restaurant pvt. Ltd.	Quality Controller
6.	Ms. Priya Basera	Archer daniels midland company	Management Trainee
7.	Mr. Pankaj Sharma	Pmv maltings pvt ltd	Asst manager Quality assurance
8.	Mr. Ubaid Ansari	Suman project consultants	Food Research Associates
9.	Mr. Rupesh Kale	Agropure capital foods Pvt Ltd	Production and Quality Executive
10.	Ms. Meghna Krishna	Parashmri hospital, Patna	Dietician

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S.No.	Year	Date	Theme of the Guest lectures	Name of Speaker	Designation
1	2013	08-07-2013	Interaction on Biochemical engineering and food technology	Prof.Kundu	Professor, BHU
2	2013	25-07-2013	Demonstration of instruments related to Dough Rheology	Dr.Gurpreet Kaur	Consultant, Brabender Instruments on Cereal Quality

					Measurement
3	2013	30-08-2013	Advancements in Human Nutrition with Particular Reference to Soy Protein	Mr. Indranil Chatterjee	Business Manager, South-West Asia
4	2013	01-10-2013	Quality and safety aspects of Milk & Milk Products	Mr. A Subhramani	DGM Corporate-QA, Mother Dairy Fruit & Veg. Pvt. Ltd. Patparganj, Delhi
5	2013	15-10-2013	Recent Advances in chromatographic techniques	Mr. Aseem Rathore	GM, DANI Instruments Private Limited, Jaipur.
6	2013	19-12-2013	Scope of food technology in Agriculture	Dr. Abhijeet Kar	Scientist, ICAR, Delhi
7	2014	15-01-2014	Role of probiotics in health and disease	Dr. Neerja Hajela	Head-Science Yakult Danone India
8	2014	12-09-2014	Role of Probiotics in Health	Dr. Neerja Hajela,	Head-Science Yakult Danone India
9	2014	19-09-2014	Role of quality assurance and production planning in Bakery Industry	Mr. Deepak M Khedkar	Regional Manufacturing Head, Harvest Gold Industry, India
10	2014	16-10-2014	Family Farming	Dr. Rizwana Haleem	Associate Professor, Bhaskaracharya College of Applied Sciences, University of Delhi
11	2014	16-10-2014	Organic Farming	Dr. Shalini Gaur	Scientist, PHT Division, IARI, Delhi
12	2014	30-10-2014	DietCal- A Tool for Dietary Assessment and Planning	Dr. Gurdeep Kaur	Senior Nutritionist, All India Institute of Medical Sciences, New Delhi, India
13	2015	24-03-2015	Technological Updates in Cleaning & Sanitation in	Mr. A Subramani	DGM Corporate-QA, Mother Dairy Fruit & Veg. Pvt. Ltd.

			Food industry		Patparganj, Delhi, India
14	2015	25-03-2015	Role of Biotechnology in Food Processing Sector	Mr. Diwakar Rao	Ex-Executive Director, Karnataka Biotechnology Development Council, Ex-Director, Karnataka Milk Federation
15	2015	10-04-2015	Current advancement in health food	Dr. Deepti Khanna	Manager (Scientist), New Product Research, GSK Consumer Healthcare Ltd., Gurgaon, India
16	2015	14-04-2015	Skill Enhancement in Foods Industry	Ms. Veena Kumari	Head Academy, Bikanerwala Foods Pvt. Ltd., India
17	2015	16-04-2015	Packaging and Labelling regulation of processed foods	Mr. Vijay Gaur	Senior Manager (Regulatory Affair), Danone's Advanced Medical Nutrition, Gurgaon, India
18	2015	23-09-2015	Overview of safety and benefits of genetically modified foods	Dr. Nitin Joshi	Regulatory Specialist, Dow AgroSciences India Private Limited, India
19	2015	20-10-2015	Role of packaging in food	Mr. Deepak M Khedkar	Senior GM, D.S. Spice Co. Pvt. Ltd., India
20	2016	2-02-2016	Talk about bridging the gap between chefs and food technologist	Chef Parvinder Bali	Corporate Chef Learning and development, The Oberoi Centre of Learning and Development
21	2016	01-03-2016	Food Safety Act and Regulations - Indian Context	Mr. Ujjawal Kumar	CEO, Food Safety First1005, Vikram Tower, Rajendra Place, New Delhi
22	2016	22-03-2016	Food fortification & its significance	Ms. Mansi Shukla Trivedi	Programme Officer, WFP,

			in reducing micronutrient malnutrition		Delhi
23	2016	14-10-2016	Climate is changing: Food and agriculture must too.	Dr. Shalini sehgal	Asso Professor, Bhaskaracharya College of Applied Sciences, Delhi.
24	2016	14-10-2016	Potato Processing: Current Status, Challenges and New Possibilities	Dr. Alka Joshi	Scientist , IARI, Pusa
25	2016	14-10-2016	Snack foods	Ms. Veena Kumari	Head Academy, Bikanervala Foods Pvt. Ltd.
26	2016	14-10-2016	Management initiatives for Food Safety	Mr. Vikas Yadav	DS Group, Delhi
27	2016	14-10-2016	Health Drinks	Mr. Rajesh Bhatia	Hershey's

45. List the teaching methods adopted by the faculty for different programmes.

Lectures using whiteboard, power point presentation, case study, practical, industrial visits.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Direct Assessment Methods-End Semester Examinations Course-embedded assignments (e.g. Class Tests, Home Assignments, Quiz, Seminar, Term Paper , Presentations) Comprehensive examinations ,Scoring Rubrics ,Plagiarism check, Viva Voce

Indirect Assessment Methods-Alumni surveys, Curriculum and Syllabus Analysis

47. Highlight the participation of students and faculty in extension activities.

NIL

48. Give details of “beyond syllabus scholarly activities” of the department.

NIL

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- AIFT has MoU signed with FSSAI for imparting training to the Food Business Operators.
- New industry-oriented courses have been developed and included in the course-curriculum.
- Faculty members and Doctoral students have contributed to research publications in reputed journals.
- Seminar and Guest lectures are being organized for students to enhance their knowledge in new areas.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#	Strengths
1	Highly qualified specialised and competent faculty
2	Well equipped labs and process hall for hands-on experience/ exposure / training.
3	Competent in developing technical manpower in the field of Food Technology and Foods & Nutrition.
4	Pursuing teaching and research collaborations with national, International Institutes and Industries.
5	Have received a Grant-in-Aid of Rs. 75 lacs from MoFPI, GoI for infrastructure development.
6.	Strong student support services system
7.	Enriched library

#	Weaknesses
1	Less Consultancy
2.	Less Student and faculty exchange programmes.
3	International faculty
4	Limited resources for research

#	Opportunities
1	As the population increase will be multifold in the current century, available natural food resources need to be explored to meet the requirements and to sustain the basic need for food to keep population of the nation healthy and vigorous.
2	The global emphasis is also on the management of Food and its safety.
3	To address the national issues, particularly food resources and their processing to increase their availability and shelf life, the technical manpower needs to be developed at the University level. Hence, the AUUP should take a lead role in this direction.
4	The skilled/technical manpower trained at the Institute of Food Technology will have greater opportunities in the area of Academic and Research professions as well as Food Technology professional organizations both in public and private sector.

#	Challenges
1	New Competitors in Delhi – NCR region with lower fee-structure

52. Future plans of the department.

Response

- To further strengthen of the research activities in the Institute by collaborative inter institutional research, research Grants to be obtained from different agencies through research projects.
- Enhancing faculty and student participation and attending paper presentation in workshops, seminar, conferences etc.
- Foreign collaboration for student exchange and faculty exchange programmes.
- To increase the student and faculty strength.
- Increase consultancy.

Evaluative Report (Amity Institute of Nanotechnology)

1. **Name of Department :** Amity Institute of Nanotechnology (AINT)
2. **Year of Establishment:** Established in 2003 and incorporated with AUUP in 2005.
3. **Is the Institution / Department is part of a School/Faculty of the university?**

AINT is part of faculty of Science, Engineering and Technology.

4. **Names of programmes offered :** B.Tech – Nanotechnology
B.Tech + M.Tech – Nanotechnology (Dual degree)
B.Sc. – Nanoscience
M.Sc. – Nanoscience
M.Tech – Nanotechnology
M.Sc. + M.Tech –Nanoscience and Nanotechnology (Dual degree)
PhD – Nanotechnology (Full time and Part time)

- 5. Interdisciplinary programmes and departments involved :**

AINT offers interdisciplinary PhD degree with involvement of departments like Biotechnology, Applied Sciences, Mechanical Engineering etc.

- 6. Courses in collaboration with other universities, industries, foreign institutions, etc –**

Students of AINT do their final semester dissertation in collaboration with reputed Universities and Institutions in India and abroad.

- 7. Details of programmes discontinued, if any, with reasons:**

2 programmes of M.Sc. – Forensic Nanotechnology and M.Sc. – Nano Biotechnology as there were no admissions for 3 years, so it has been discontinued.

- 8. Examination System: Annual / Semester / Trimester / Choice Based Credit System :**

Students are offered Semester and Choice Based Credit System. Therefore students get the opportunity to study subjects of their choice.

- 9. Participation of the department in the courses offered by other departments / institutions :**

Students of AINT take open elective and domain elective courses from other institutions like AIAS, AIFT, ASET, AIARS, AIFS, etc. Some of the courses which AINT students have opted are Basic Material Science, Organic Electronics, Consumer Electronics, Energy Ecology and Environment, Java, Entrepreneurship, Music, Sports, Physical Education etc.

10 Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response :

The institute makes the efforts to fill all the sanctioned posts with qualified and experienced faculty.

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	03	02	02
Associate Professors	04	04	04
Asst. Professors	16	16	16
Others(Scientific Officer)		01	01

11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No.	Name	Qualification	Designation	Specialization	Experience	Ph.D./M. stud
1	Dr. D.K. Avasthi	M.Sc. PhD	Director (Dec 2016 to present) and Professor	Materials Science, Ion beams in nanostructures, Radiation Biology, Materials for Energy, Plasmonics	35	1
2	Dr. L. M. Bharadwaj	M.Sc. PhD	Director (From Aug 2013-Dec2016)	DNA Nano Wire based Devices, Biomolecular Electronics,	32	0
3	Dr. T. Basu	M.Tech PhD	Professor	Polymer Science, Composites	17	4
4	Dr. O.P. Sinha	M.Sc. PhD	Associate Professor	Semiconductor Nanostructures, Ion beam modifications of materials	15	4
5	Dr. Susmita Mitra	M.Sc. PhD	Associate Professor	Nanobiotechnology, Nanomedicine	20	0
6	Dr. Arpita Bhattacharya	M.TechPhD	Associate Professor	Nanocapsular Drug Delivery System	14	1
7	Dr. Nupur Bahadur	M.Sc. PhD	Associate Professor	Photo-Chemistry of semiconductor nanostructured materials;	9	1

				Nanomaterials for waste water treatment.		
8	Dr. Sandip Chakrabarti	M.Sc. PhD	Assistant Professor - III	Zeolites, Nanoparticles synthesis, Graphene based materials	11	0
9	Mr. Robin Kumar	M.Sc. M.Tech	Assistant Professor - III	Microelectronics & VLSI Design	7	0
10	Dr. Jagjiwan Mittal	M.Tech PhD	Assistant Professor - III	CNT, Nanotechnology	18	0
11	Dr. Ravi Mani Tripathi	M.Sc. PhD	Assistant Professor - III	Genetic Engineering	8	0
12	Dr. Ranjit Kumar	M.Sc. PhD	Assistant Professor - III	Nanomaterials, Catalysis, Functionalization of materials	8	0
13	Dr. Ranu Nayak	M.Sc. PhD	Assistant Professor - III	Material Science, Mass Spectrometry	8	1
14	Dr. Neelam Kushwaha	M.Sc. PhD	Assistant Professor - II	Amorphous Semiconductor	8	0
15	Dr. Monika Joshi	M.Sc. PhD	Assistant Professor - II	Electronics	8	0
16	Dr. Richa Krishna	M.Sc. PhD	Assistant Professor - II	Material Science	8	0
17	Dr. Ashish Mathur	M.Tech PhD	Assistant Professor - II	Microfluidics, Carbon nanomaterials, MEMS, nanoelectronics	7	1
18	Dr. Swati Jain	M.Sc. PhD	Assistant Professor - II	Polymers, Biomedical Engineering	5	0
19	Dr. Nidhi Chauhan	M.Tech PhD	Assistant Professor - II	Biosensors, Biochemistry	2	1
20	Dr. Jagriti Narang	M.Sc. PhD	Assistant Professor - I	Biosensors, Biochemistry	2	1
21	Dr. A.B.V. Kiran Kumar	M.Sc. PhD	Assistant Professor - I	Polymers, Composites	6	0
22	Dr. Shikha Wadhwa	M.Tech PhD	Assistant Professor - I	Chemistry, Nanotechnology	5	0
23	Dr. Ramesh Pudake	M.Sc. PhD	Sr. Scientific Officer	Agricultural Biotechnology	9	0
24	Dr. Utkarsh Jain	M.Sc. PhD	Assistant Professor - I	Biosensors, Biochemistry	2	0

12 List of Senior Visiting Fellows, adjunct faculty, emeritus professors:

Dr. R.P. Singh – Distinguish Scientist and Chair Professor of Nanotechnology
 Dr John Moses- Honorary Professor, Nanotechnology
 Dr. R.K. Kotnala – Honorary Professor - Nanotechnology

13 Percentage of classes taken by temporary faculty – programme-wise information

#	Programme Name	% Classes taken by temporary faculty
1	B.Tech – Nanotechnology	8%
2	B.Tech + M.Tech – Nanotechnology (Dual degree)	6%
3	M.Sc. – Nanoscience	0
4	M.Tech – Nanotechnology	0
5	M.Sc. + M.Tech – Nanoscience and Nanotechnology (Dual degree)	1.6%

14 Programme-wise Student Teacher Ratio

#	Programme Name	Student Teacher Ratio
1	B.Tech – Nanotechnology	10:1
2	B.Tech + M.Tech – Nanotechnology (Dual degree)	10:1
3	M.Sc. – Nanoscience	7:1
4	M.Tech – Nanotechnology	7:1
5	M.Sc. + M.Tech – Nanoscience and Nanotechnology (Dual degree)	7:1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	1	0	0
academic support staff (technical)	4	4	4
administrative staff	2	2	2

16 Research thrust areas as recognized by major funding agencies

Response:

Research areas of AINT faculty have been recognized by various funding agencies like DST, DBT, SERB, ICMR, ICAR, UGC-DAE CSR, FIST.

1	Funding Agency	Research thrust area
	AINT is funded by DST, DBT, SERB, ICMR, ICAR, UGC-DICSR, UKIERI	Nanomaterials, 2D Semi-conductors, Bio-sensors, Microfluidics, Nanotechnology, OLED, Solar Cell, Gas sensors, Healthcare, Water technologies

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response :

Faculty of AINT has received projects worth:

Ongoing Projects	Total Grants Received
National	Rs 399.03 Lacs
International funding	Rs 32 Lacs
Total	Rs 421.03 Lacs

#	Project title	Number of faculty	Funding agencies	Total Grants received During 2012-17
1.	Realization of Novel Low cost, High Optical Absorption Nanostructured Design for Photovoltaic Solar Cell Device	3	DST-SERI	Rs 24 lacs
2	Construction of an amperometric glycated haemoglobin biosensor based on Au-Pt bimetallic nanoparticles and poly (indole 5-carboxylic acid) modified Au electrode	1	DST-SERB	Rs 14 lacs
3	Therapeutic drug monitoring of antiepileptic drug using biosensor approach	1	DST-SERB	Rs 25 lacs
4	Molecular mechanism of mycorrhizal symbiosis during the drought in Finger Millet, <i>Eleusine coracana</i> (L.) Gaertn	1	DST-SERB	Rs 17 lacs

5	Graphene Oxide Wrapped Carbon nanotube-manganese dioxide nanoflakes composite for sensitive biosensing of acetylcholine- A neurotransmitter	1	DST-SERB	Rs 23 lacs
6	A microfluidic based point of care cardiac marker detection system for early detection of acute myocardial infraction	1	DST	27 lacs
7	Nano-based detection of organophosphate pesticides using metal-organic framework conjugates	4	ICAR	Rs 177.40 lacs
8	Facilitating the Intelligent Management of Chronic Wounds in Diabetic Patients: Developing Accessible Wound Monitoring Technologies	4	DST-UKIERI (International)	Rs 32 lacs
9	Study of origin of d^0 magnetism in oxide material intended for spintronic application	1	UGC-DAE CSR	8.21 lacs
10.	A study on Al:ZnO nanostructures for transparent conducting oxides applications	1	UGC-DAE CSR	8.21 lacs
11	Development of suitable transducer for sensing application based on RGO	2	UGC-DAE CSR	8.21 lacs
12	Development of semiconductor nanoparticles- conducting polymer composites for oled's applications -	3	DST	22.61 lacs
13	Development of Cholesterol biosensors based on nanostructured conducting polymers	2	DBT	34.39 lacs
			Total	Rs 421.03 lacs

User Facilities Projects:

- Enhancing the sensitivity of point-of-care cardiac marker detection using interdigitated impedemetric immuonsensors arrays (INUP/IITB)
- Fabrication of FET based Ammonia Sensor (IUNP/IIT-B)
- Simulation and optimization of FET based ammonia gas sensor (IUNP/ IIT-B)
- Li / Mg doped semiconducting metal oxide nanostructures (ZnO, TiO₂, etc) for Efficient Organic Light Emitting Diodes (IUAC)
- To study the effect of transition metal ion irradiation on Al:ZnO films (IUAC)

18 Inter-institutional collaborative projects and associated grants received

#	Level	Number	Grants received
a	National collaboration	5	147.39 lacs (IARI, BITS Goa, NPL)
b	International collaboration	1	Rs 32 lacs (DST-UKIERI)

19 Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Department name	Grants received.
DST/DBT/ICMR/ICAR/UKIERI	Rs 421.03 lacs
Total Grant Received	Rs 421.03lacs

20 Research facility / centre with

Level	Name of Research facility / centre
State recognition	-
National recognition	XRD , AFM ,Cyclic Voltametry, DLS, Nanotechnology (supported by DST), SIRO recognized, FIST(DST)
International recognition	-

21 Special research laboratories sponsored by / created by industry or corporate bodies-

Efforts are being made to set-up research facilities with collaboration of industries.

22 Publications:

Description	(2012-16) Number / Detail
Number of papers published in peer reviewed journals (national / international)	220
Monographs	-
Chapters in Books	10
Edited Books	1
Books with ISBN with details of publishers	-
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	197
Citation Index – range / average	87 - 1/ 5.42(Average)
SNIP (Source Normalized : Impact per Person)	1.99
SJR (Scimago Journal Rank)	3.085

Impact Factor – range / average	0.7–7.7 / 3(Average)
h-index	17

23 Details of patents and income generated

Response:

Faculty is encouraged to file patents and generate income through commercialization of the technology. AINT faculty have filed 44 patents during 2012-16. Out of these patents 2 patents have been commercialized.

1. Patent titled “A novel hand-held Chemical free, Milk Adulteration test kit based on Micro fluidic sensor platform” developed by Dr. Ashish Mathur and co-workers was transferred to Everest Instruments Pvt. Limited, Ahmedabad for Rs. 30 lacs and 1.5% royalty.
2. Patent titled “An improved membrane free photocatalytic reactor for treatment of Industrial effluent and sludge” developed by Dr. Nupur Bahadur was transferred to Dew Chemicals Ltd. For development of this technology.

S. No.	Name of Inventors	Title	Application No.	Date of Submission
1.	Dr. G. Singhal, Dr. R. P. Singh	Biofabrication of thermally stable Selenium nanoballs using dried Vitis vinifera (Raisin) extract	747/DEL/2012	13.03.2012
2.	Prof. T. Basu	Development of reusable transducer matrix based on nanostructured Polyaniline and application to biosensors,	1478/DEL/2011	02.05.2012
3.	Prof. T. Basu	A process for the development of triglyceride biosensor based on a Platinum nano particle and Polypyrrole nano composite electrode	1318/DEL/2012	25.04.2012
4.	Prof. T. Basu	Bienzymatic platform for free cholesterol sensing in blood serum based on Gold nanoparticles decorated Graphene-Nanostructured Polyaniline Nanocomposite	1371/DEL/2012	02.05.2012
5.	Dr. Pratima Solanki, Prof. Tinku Basu	Sensitive and specific immunosensor for the Vibrio cholera detection	3964/DEL/2012	21.12.2012
6.	Dr. O.P. Sinha & Dr. Sandip Chakrabarti	Efficient organic photovoltaic devices using photoactive graphene oxide, organic linkers and semiconductor nanoparticles	1029/ DEL/2012	03.04.2012
7.	Dr.Arпита Bhattacharya,	A micro incapsulation of citronella oil for slow release	3962/DEL/2012	21.12.2012

	Dr. R.P. Singh	insect repellent formulation		
8.	Dr.Sandip Chakrabarti & Dr. O.P.Sinha	Graphene based chemical sensor for the detection of toxic heavy metal complexes in drinking water	1030/DEL/2012	03.04.2012
9.	Dr. Ranu Nayak, Dr. O.P. Sinha	Novel mechanism in a heterojunction semiconductor photovoltaic solar cell for increased efficiency and cost effectiveness	3674/DEL/2012	30.11.2012
10.	Richa Krishna, Laksh Muchhal, O.P. Sinha	Synthesis of nanostructured Al doped zinc oxide quantum dots by novel chemical route	3676/DEL/2012	30.11.2012
11.	Dr. Ashish Mathur, Harsh Jain, Dr. O. P. Sinha, Dr. R.P. Singh	A novel hand held micro-electrode sensor for detecting fuel adulteration based on micro-fluidic platform	2374/DEL/2013	08.08.2013
12.	Dr. Monika Joshi, Pranaav Balaji	Green synthesis of silver nanoparticles using ethanoic extracts of Zanthoxylum Alatum Leaves	101/DEL/ 2013	10.02.2013
13.	Dr. Monika Joshi, Pranaav Balaji	Green synthesis of magnetic (Fe ₂ O ₃) nanoparticles using cinnamon leaf extract	121/DEL/ 2013	18.02.2013
14.	Dr. Ashish Mathur, Dr. O. P. Sinha, Dr. R.P. Singh	Label free diagnosis of allergy to drugs using a point of care (POC) device based on microfluidic platform	1793/DEL/ 2013	18.06.2013
15.	Dr. Susmita Mitra & Ms.Gizelle Sethi	Novel biodegradable nanoparticles for controlled release drug delivery	1402/DEL/2013	10.05.2013
16.	Dr. Ashish Mathur	A portable low cost microfluidic system for clean synthesis of nanoparticles	49/DEL/2014	18.02.2014
17.	Dr. A.B.V. Kiran Kumar, Dr. Mohan Raja	Method for synthesis of thin silver nanowires	367/DEL/ 2014	10.02.2014
18.	Dr. Mohan Raja, Dr. A.B.V. Kiran Kumar	A novel method of forming flexible multi-walled carbon nanotubes foil	370/DEL/ 2014	10.02.2014
19.	Dr. Susmita Mitra	Coated polymeric nanoparticulate system for multi-drug delivery and development of the same	1141/DEL/ 2014	10.05.2014
20.	Mr. Robin	Ammonia Gas Sensing Using a	2897/DEL/ 2014	10.10.2014

	Kumar, Dr. Neelam Kushwaha, Dr. Ranjit Kumar	Thin Film of MnO ₂ Nano-fibers		
21.	Dr. Ashish Mathur	A microfluidic based point-of-care cardiac marker (Troponin-I) detection system for early detection of acute myocardial infraction	2898/DEL/ 2014	10.10.2014
22.	Dr. Ashish Mathur	A miniaturized sensor based on microfluidic platform for caffeine detection from food samples	2961/DEL/ 2014	17.10.2014
23.	Dr. Ashish Mathur	A novel hand-held Chemical free, Milk Adulteration test kit based on Micro fluidic sensor platform	2431/DEL/2015	19.10.2015
24.	Dr. O.P. Sinha	A system and method for large area deposition of exfoliated black phosphorous in solution phase	19968/DEL/2016	27.07.2016
25.	Dr. O.P. Sinha, Dr. Richa Krishna, Dr. Sandip Chakraborty	Non magnetic elements doped semiconducting metal oxide materials and its utilization in organic electronics	2043/DEL/2015	04.07.2015
26.	Dr. O.P. Sinha,	Hydrogels for transdermal Drug delivery and a method to manufacture the same	1388/DEL/2015	18.05.2015
27.	Dr. O.P. Sinha	A novel scalable bottom up method for cost effective and high yield synthesis of doped carbon nanosheets	46/DEL/2014	01.05.2014
28.	Dr. Nupur Bahadur	An efficient and economical process for primary treatment of effluents as well as sludge of textile and dyeing industry	1825/DEL/2015	20.06.2015
29.	Dr. Nidhi Chauhan	Nanohetero structure composite for sensitive biosensing of metformin	2430/DEL/2015	01.09.2015
30.	Dr. Monika Joshi	Synthesis of Graphene oxide using Chlorella pyrenoidosa	E-101/44765/2016-DEL	24.04.2016
31.	Dr. Monika Joshi	Biosynthesis of Zinc oxide nanorods using citrullus lanatus extract	AP3399/DEL/2015	14.12.2015
32.	Dr. Monika Joshi	Reduction of textile dye DR-31 using algae GO nanocomposite	3994/DEL/2015	11.03.2015

33.	Dr. Monika Joshi	Green synthesis of magnetic nanoparticles using cinnamon leaf extract	3281/DEL/2013	11.11.2014
34.	Dr. Monika Joshi	Biosynthesis of ZnO nanorods using citrullus lanatus fruit extract	P3399/DEL/2015	26.10.2015
35.	Dr. Nupur Bahadur	An improved membrane free photocatalytic reactor for treatment of Industrial effluent and sludge	3950/DEL/2015	04.12.2015
36.	Dr. Nupur Bahadur	A process for bandgap restructuring of titania using combination of surfactants and metal ions	3401/DEL/2015	25.11.2015
37.	Dr. Jagriti Malhotra	Method for enhancing the PCR amplification by using MgO nanoparticles	3972/DEL/2015	07.12.2015
38.	Dr. Jagriti Malhotra	Wheelchair having armrest cum transfer Board with anti-skid mechanism	2955/DEL/2015	21.10.2015
39.	Dr. Jagriti Malhotra	Naked eye quantitative assay on paper device for date rape drug sensing via smartphone app	201611025138	05.05.2016
40.	Dr. Jagriti Malhotra	A system and method for smearless detection of DNA with various morphologies of zinc nanomaterial in agarose gel electrophoresis	201611012990	03.03.2016
41.	Dr. Jagriti Malhotra	Flexible planter fasciitis prop patent	201611003247	07.01.2016
42.	Dr. Jagriti Malhotra	An economical portable paper based chikungunya geno-sensor for resource constrained settings	20161009	10.09.2016
43.	Dr Shikha Wadhwa	A Rapid Detection and Photocatalytic Degradation of Amoxicillin Using Titania Thin Film	192/DEL/2015	01.02.2015
44.	Dr Utkarsh Jain	Development of Molecularly Imprinted Polymer (MIP) based Microfluidic Device	E-101/76251/2016-DEL	10.05.2016

24 Areas of consultancy and income generated :

1. Biosensors,
2. Microfluidic sensor
3. Nanomaterials

Rs 30 lacs + 1.5% royalty was generated by providing expertise to the company for microfluidic sensor.

25 Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response:

Faculty are encouraged to visit other labs and institutes in India and abroad.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	Duration		National / International
				From	To	
1	Dr Nidhi Chauhan	Asst Professor	IISc Bangalore	May 2015	July 2015	National
2	Dr. Tinku Basu	Professor	Tokyo Institute of Technology	1 st Feb 2014	28 th Feb 2014	International
3.	Dr. O.P Sinha	Associate Professor	Technical University of Warsaw, Poland	19 th Sept 2016	22 Sept 2016	International
4	Dr. Nupur Bahadur	Associate Professor	Stony Brook University, New York, USA	June 29, 2015	July 3, 2015	International
5.	Dr. Jagriti Narang	Asst Professor	Sweden (Stockholm)	21 st August, 2015	28 th August 2015	International
6	Dr. Nidhi	Asst Professor	Sweden (Stockholm)	21 st August, 2015	28 th August 2015	International
7	Dr. J. Mittal	Asst Professor	National Cheng Kung University, Taiwan	September 20, 2013	22 nd July 2015	International

26 Faculty serving in

a	National committees Dr, Lalit M Bhradwaj : <ul style="list-style-type: none"> • Director BIRAC Dr. D.K. Avasthi : <ul style="list-style-type: none"> • Member of committee for selecting Indo-Korea project by DST, New Delhi • Member of committee to select Charpak fellowship at Indo-French centre for ad research, New Delhi
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b	Editorial Boards Dr. D.K. Avasthi <ul style="list-style-type: none"> • Associate Editor Radiation Effects and Defects in Solids • Guest Editor of Proceedings of Int. Conf. on Radiation Effects in Insulators, Nucl. Intr. & Methods B, Elsevier Dr Ashish Mathur <ul style="list-style-type: none"> • Editor of Journal of Nanoscience, NanoEngineering & Applications Dr. O.P. Sinha <ul style="list-style-type: none"> • Editorial Board member International Journal of Nanotechnology and Nanomedicine Research"
c	International committees Dr. D.K. Avasthi <ul style="list-style-type: none"> • Member of International Committee of Int. Conf. on Ion Beam Analysis • Member of International Committee of Int. Conf. on SWIFT heavy ion in mater. • Member of International Committee of Int. Conf. on Radiation effects in insulators
d	any other (please specify) Dr. O.P. Sinha <ul style="list-style-type: none"> • Member Organizing Committee, 60th DAE-BRNS Solid State Physics Symposium, 2015 • Member Organizing Committee 17th IWPSD Symposium, 2013 • Member Organizing Committee, ICRTMD Conference, 2015

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

#		Organised By	Attended
a	Refresher	0	0
b	Orientation programs	0	25
c	Workshops	0	4
d	Training programs	0	2
e	Similar programs (FDP)	1	25

28 Student projects :

Response:

All students are involved for in-house research.

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	75%

29 Awards / recognitions received at the national and international level:

Received by Faculty:

National :

#	Faculty Name	Description of Award / Recognition received	Date (receiving the award / recognition)
1.	Dr. Nidhi Chauhan	Shakuntla Amir Chand Prize	2014, Given by ICMR for their outstanding contribution in the area of bionano sensors for disease diagnosis and clinical analysis
2	Dr. Jagriti Narang Malhotra	Shakuntla Amir Chand Prize	2013, Given by ICMR for their outstanding contribution in the area of bionano sensors for disease diagnosis and clinical analysis
International			
3	Dr. Nupur Bahadur	First Prize for Oral Presentation in the category 'Design & Manufacturing Technologies for 'Make in India' in the Young Scientists Conference during India International Science Festival. (IISF-2015) held in IIT Delhi during 4th-8th Dec 2015	
4	Dr. Nidhi Chauhan	2 nd Prize for poster in International conference Bio SANGAM. Nov. 2013, MNNIT, Allahabad	
5	Dr. Swati Jain	3 rd Prize for poster in International conference Bio SANGAM. Nov. 2013, MNNIT, Allahabad	
6	Dr. Monika Joshi	1st prize for poster in Conference on Emerging Trends of Nanotechnology in Chemistry and Biology (INCB)-2016 Delhi University	

Received by Doctoral / Post doctoral fellows:

Nil

Received by Students:

National :

#	Student's Name	Description of Award / Recognition received
1	Rathin Gupta B.Tech	Best paper (Third prize) NCND, Hindustan college of science and technology
2	Deepali Arora BTech+MTech	Best poster (First) NCND, Hindustan college of science and technology
3	Ravi Pendurthi BTech+MTech	2 nd Prize for best poster in 12 th International Symposium on SPC, Greater Noida
4	Jimmy Mangalam	2nd Prize for best poster in First <i>International Seminar</i>

	BTech+MTech	on <i>Nano Technology</i> in Conventional and Alternate Energy Systems, <i>Global Status and Pathways</i> UPES, Dehradun
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30 Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Seminar;

#	Title of Event	Duration of Event	Location of Event & Source of funding	Outstanding Participants
1	Nanosciences Advance at the Interfaces of Biomedicine & Technology	21 st Feb to 22 Feb, 2012	Amity University, Noida	10
2	Nano-Pico Pharmaceuticals & Invivogensome	26 th Dec, & 27 Dec 2012	Amity University, Noida	12

31 Code of ethics for research followed by the departments

Response:

AMITY follows code of ethics as laid down by Amity University. Following guidelines are followed for research (available in University website)

1. G-53 University Research Policy Guidelines
2. G-54 Policy Guidelines for Amity Research Fellowship
3. G-55 Policy Guidelines for Student Research Projects
4. G-56 Policy Guidelines of Funding for Research
5. G-57 Policy Guidelines for Publication and Presentation of Research at Symposia/Meetings/Conferences

32 Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received 2012-16	Admitted/ Registered		Pass percentage	
		Male	Female	Male	Female
B.Tech – Nanotechnology	422	65	28	94	100
B.Tech + M.Tech – Nanotechnology (Dual degree)	315	66	47	88	90
M.Sc. – Nanoscience	19	1	0	100	-
M.Tech – Nanotechnology	107	4	6	100	100
M.Sc. + M.Tech – Nanoscience and Nanotechnology (Dual	94	8	8	100	100

degree)					
PhD	22	4	5	100	100

33 Diversity of students

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech – Nanotechnology	NA	17%	83%	0
B.Tech + M.Tech – Nanotechnology (Dual degree)	NA	20%	80%	0
M.Sc. – Nanoscience	0	N/A	100%	0
M.Tech – Nanotechnology	20%	20%	80%	0
M.Sc. + M.Tech – Nanoscience and Nanotechnology (Dual degree)	0	6%	88%	6%
PhD	11%	33%	67%	0

34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Cleared Examinations	Number of students
Civil Services	2
Defense Services	2
NET	3
SET	0
GATE	8
Other competitive examinations GRE, TOEFL, IELTS	90

35 Student progression

Student progression	Percentage against enrolled
UG to PG	70%

PG to M.Phil.	0
PG to Ph.D.	90%
Ph.D. to Post-Doctoral	5%
Employed	
<input type="checkbox"/> Campus selection	4%
<input type="checkbox"/> Other than campus recruitment	60%
Entrepreneurs	3%

36 Diversity of staff

Percentage of faculty who are graduates	
of the same university	8%
from other universities within the State	25%
from universities from other States from	55%
universities outside the country	12%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :

Two faculty have obtained PhD during 2012-2016

38 Present details of departmental infrastructural facilities with regard to

Response:

AMITY has access to well established central library facility, hi-tech classrooms and excellent research facility.

Library	Central Library
Internet facilities for staff and students	100%
Total number of class rooms	11
Class rooms with ICT facility	11
Students' laboratories	6

Research laboratories	4
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39 List of doctoral, post-doctoral students and Research Associates

S.No	Name	Designation
1	Ms. Ruchika Chauhan	Junior Research Fellow
2	Ms. Jagriti Tyagi	Junior Research Fellow
3	Mr. Sunny	Junior Research Fellow
4	Mr. Harsimran Singh Bindra	Project Assistant
5	Ms. Chaitali Singhal	Project Assistant
6	Payal Manzhi	Junior Project Fellow
7	Shaivya Gupta	Junior Research Fellow
8.	Atul Tiwari	Junior Research Fellow
9.	Pramod Viswakarma	Junior Research Fellow
10.	Sonali Tiwari	Junior Research Fellow
11.	Sheetal Bharadwaj	Junior Research Fellow

40 Number of post graduate students getting financial assistance from the university.

Response:

Students are provided scholarship in form of financial assistance.

#	Type of Scholarship or other financial assistance	Number of PG students
	Merit Certificate	1
	On admission merit scholars	2
	Merit cum means scholarship	2
	On continuation merit scholarship	2

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes need assessment exercise undertaken before the development of new programme through well-structured surveys and feedbacks. New programme of B.Sc. in Nanoscience has been introduced from academic year 2016-17. Feedback from industry, students, and alumni were taken before development of the curriculum of this programme.

42 Does the department obtain feedback from

Response:

AMITY has structured mechanism for obtaining feedback from students, faculty, alumni, and parents.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, feedback is utilized while assigning them new roles and responsibilities and updating the curriculum.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, The inputs are discussed in Faculty meetings for improvisation in processes.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes, The feedback is used to improve the skills in the students.

43 List the distinguished alumni of the department (maximum 10)

#	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
44	Dr Antony George	M. Tech	2004-06	Rice University, USA	Visiting scholar
45	Dr. Pradeep Sharma	M. Tech	2003-05	NXP Semiconductors, Netherland	Engineer
46	Dr Pranav Kr	M. Tech	2006-08	Aurigene Discovery Technologies	Senior Scientist
47	Dr Namrata Jain	M. Sc	2005-07	Malvern Instruments	Technical Officer
48	Dr Rishabh Bhargava	Int. M. Tech	2005-11	TATA-Power Solar. Gurgaon	Senior Engineer
49	Md. Naushad Ali	M. Tech	2006-08	Nanotech industries	Director
50	Abhinav Harlalka	Int. M. Tech	2006-12	TAPN SOLAR ENERGY PVT LTD., Sahibabad, UP	Director
51	Vijit Mathur	Int. M.Tech	2007-13	Tech-Life Biofuels Private Limited	Director
52	Abhishek Agrawal	Int. MTech	2008-14	SKU Pigments Pvt. Ltd., Hathras	Managing Director
53	Md. Samarth Jain	Int. M.Tech	2006-12	Vedic Vatika	Founder Director and CEO

44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S. No.	Category: Guest lecture / Panel Discussion / Interactive Session	Topic	Speaker(s)- Name, Designation & Organisation	No. of Participants
1	Guest Lecture	Nano crystalline Diamonds	Prof. Ashok Kumar, University of South Florida, USA	40
2	Guest Lecture	Applications of Nanotechnology	Prof. P. Pramanik, Professor, IIT Kharagpur, India	50
3	Guest Lecture	Nano safety and Functional Materials for Environmental Application	Dr. Suresh Valiyaveetil, Associate Professor, Department of Chemistry, National University of Singapore.	100
4	Guest Lecture	Nucleic acid Aptamers as Molecular Recognition elements for nanosensor development	Dr Naveen Kumar Navani, Associate Professor, Department of Biotechnology, IIT Roorkee	30
5	Guest Lecture and Interactive Session	Multimodal polymeric nanoparticles for treatment of ischemia-reperfusion injury	Dr. Tristan Clemons, NPDF, School of Chemistry and Biochemistry, The University of Western Australia	70
6	Guest Lecture and Interactive Session	Electrochemistry in organic electronics	Prof. Mitsyuoshi Onoda, University of Hyogo, Japan	100
7	Industry expert interaction	New Drug Discovery and Development, with special reference to Biologics, Nanotechnology and setting up startup	Dr CN Ramchand Ph.D Chief Executive Officer, Saksin Lifesciences Pvt Ltd	50
8	Industry expert interaction	Next Generation Solar Energy and Entrepreneurship	Dr D.N. Singh, Chief Technology Officer, Indosolar Pvt. Ltd.	55

9	Guest Lecture and Interactive session	Transport at Nanoscale	Jean-Pierre Leburton Gregory Stillman Professor of Electrical and Computer Engineering, Professor of Physics Beckman Institute for Advanced Science & Technology. University of Illinois at Urbana-Champaign	70
10	Guest Lecture	Polymer/Layered Compound Nanocomposites: A Way to Improve Fire Safety of Polymeric Materials	Prof. Yuan Hu, University of Science and Technology, China	120
11	Guest Lecture	Tuning of SPR of Metal –Fullerene Nanocomposites	Dr Rahul Singhal, Department of Physics, Adjunct Faculty- Material Research Centre, Malaviya National Institute of Technology, Jaipur	60
12	Guest Lecture	Activities at Toray Industries, Japan with special reference to Water Treatment and cleaning	Dr.Masahiro Kimura, GM, Global Environment Research Laboratories, Toray Industries (Japan)	55
13	Guest Lecture	Nanotechnology for Society's Well Being	Dr. Shah Mohammad Ashraf, Physics Dept., NIT Srinagar	60
14	Guest Lecture	In-situ SEM- Investigation of SHI induced Modification of Surfaces and Thin Films	Prof.Wolfgang Bolse, Institute of Semiconductor Optics and Functional Interfaces, Germany	65
15	Guest Lecture	Nano Patterning & Modeling	Prof. Rodolfo Cuerno Rejado Departamento de Matemáticas and GISC, Universidad Carlos III de Madrid, Spain	65
16	Guest Lecture	Nanophotonics for biological sensing: new tools	Dr C Raman Suri, Head- Nanobiotechnology,	60

		for disease management	CSIR - IMTECH, Chandigarh	
17	Guest Lecture	COSMIC: Coupling Smart Molecules into Chips	Prof. Roberto Pilloton of CNR, Italy	70
18	Guest Lecture and Interaction Session	Role of carbon nanotubes in nanotechnology and mass production of carbon nanotubes	Dr. Mukul, Head and Vice President of R&D centre, HEG Ltd. Bhopal	30
19	Guest Lecture and Interaction	Ion Beam studies of bulk and nano materials	Prof. A. P. Pathak University of Hyderabad, Hyderabad	30

45 List the teaching methods adopted by the faculty for different programmes.

1. Lab based Learning
2. Use of power point presentations
3. Inclusion of seminar in the curriculum
4. Just in time teaching
5. Problem based learning
6. LCD projectors
7. Learning Management System (LMS)

46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response:

AMT has a structured mechanism for monitoring of programme objectives and learning outcomes.

Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

PEOs and PLOs are linked through mapping of learning outcomes with established objectives. Each outcome have an objective and achievement of the outcome indicates the attainment of the said objective.

Assessment of learning outcomes:

Each outcome is assessed by atleast one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with the objective and thereby with the

mission at the institutional and domain level.

The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes.

There are many methods by which the learning outcomes are assessed.

1. **Direct assessment** – class test, home assignments, term paper, quiz, viva, and end-term examinations.
2. **Indirect assessment** – student satisfaction survey, placements, graduation rates, and mentor-mentee programs.

Program Review:

Through program review we assess and overview the following criteria:

1. Students are learning the knowledge, skills and habits necessary to achieve program goals and objectives
2. The program goals are derived from the institution's mission.
3. The curriculum is coherent, current and consistent.
4. The instruction is acting as enabler to the students.
5. The requisite resources are adequate for student learning
6. The academic support services are adequate to facilitate student learning

47 Highlight the participation of students and faculty in extension activities :

1. Colthes donation to local NGO in Noida, 2013
2. Money donation, Medical items, Food items for flood victims in Kashmir, 2014.

48 Give details of “beyond syllabus scholarly activities” of the department.

Response:

Faculty are encouraged to conduct research, publish papers, file patents, and commercialize the technologies. Faculty are provided support for attending conferences and organizing seminars, symposium and conferences. All faculty are involved in research as is evidenced by the number of research papers they have published and the patents they have filed.

49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

B.Tech (Nanotechnology) is accredited by IET, U.K.
 AINT is a constituent body of AUUP, which is accredited by NAAC and WASC.

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response:

AINTE has made significant contribution in Nanotechnology and related subjects through

innovative research and collaboration with other institutions. The faculty and students are actively engaged in research and development activities in networking mode with national and international research institutions and industries for cutting age research leading to innovative product development. In recent past AINT has transferred two technologies for Milk Adulteration and Waste Water Management. Technology on Milk adulteration has generated income of 30 lacs.

51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#	Strengths
1	Qualified and experienced research oriented faculty
2	Development of commercially viable technologies
3	Upgradation of Research Infrastructure through external funding including industry
4	Strong research culture
5	Strong national and international networking
6	MoU's with Universities abroad

#	Weaknesses
1	High cost infrastructure for nanotechnology research
2	Being a private university difficulty in getting Govt funding.
3	Nanotechnology being highly research intensive placement before PhD is limited.
4	Weak linkage with nanotech industry

#	Opportunities
1	Faculty and students (Phd, PG , UG) have high research potential
2	Management support for quality research and generating laboratories
3	Academic freedom to empower faculty and students to pursue their higher goals.
4	Organizing of workshop in schools to attract more students
5	Introduction of new courses in nanotechnology and certificate programs
6	consultancy
7	Collaboration with industries

#	Challenges
1	Competition from other Universities offering Nanotechnology courses
2	External Funding
3	Nanotechnology is highly specialized domain
4	Awareness about nanotechnology
5	Lack of job opportunity unlike other B.Tech programmes

52 Future plans of the department.

Response:

The institute has already established itself as center of cutting edge research and innovative product development as evident from quality of publications and technology transferred at high cost which is difficult even in national laboratories and State and Central Universities. In view of the major thrust of top management to make Amity one of the globally competitive University it is proposed and planned to strengthen the cutting edge quality research leading to innovative product development to play a key role in improving economy of the country and take active part in the national development. To active this highly qualified faculty is developing National and International network.

Following strategy has been planned to make AINT a hub of high quality research and knowledge generation

- Cutting edge research in the area of Nanotechnology
- Nanotechnology based commercially and globally compatible product for health care, agriculture, electronic devices and sensors.
- International and national networking for quality research.
- To improve the pedagogy in terms of providing knowledge as per international trends, motivating young students for entrepreneurs.
- Strong collaboration and interaction with industry for research for societal benefit.
- Academic freedom to students and faculty.
- To increase nation and international funding.
- To update infrastructure.

Evaluative Report (Amity Institute of Environmental Sciences)

1. **Name of the Department**
Response: Amity Institute of Environmental Sciences (AIES)
2. **Year of establishment**
Response: 2010
3. **Is the Institution / Department is part of a School/Faculty of the university?**
Response: Yes the institute is the part of faculty of science and technology domain of Natural Resources & Environmental Sciences.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)**
Response:
Undergraduate Programme: B.Sc. Environmental Sciences
Post Graduate Programme: M.Sc. Environmental Sciences
Doctorate Programme: Ph.D. Environmental Sciences (Full Time & Part Time)
5. **Interdisciplinary programmes and departments involved**
Response: AIES don't have any interdisciplinary programme.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Response: Our students are undergoing training and dissertation from different universities and industries.
7. **Details of programmes discontinued, if any, with reasons.**
Response: No programme has been discontinued, however M.Tech Environmental Engineering programme has been shifted to Amity School of Engineering and Technology (ASET), as it was a technical degree which has to be given by a technical institute.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System.**
Response: The institution is following the choice based and semester based credit system.
9. **Participation of the department in the courses offered by other departments / institutions**
Response: The institution is following the choice based credit system and therefore offers various courses in the form of domain elective, open elective and value added courses apart from core courses. Mentioned below are few courses offered to our students by other departments / Institutes.

Type of Courses	Course Title	Department / Institution Name
Open Elective	Geospatial Technologies	Amity Institute of Geoinformatics and Remote Sensing (AIGIRS)
Domain Elective	Earth and Environment	Amity Institute of Geoinformatics and Remote Sensing (AIGIRS)
Domain Elective	Environmental Geosciences	Amity Institute of Geoinformatics and Remote Sensing (AIGIRS)
Domain Elective	Remote Sensing and GIS	Amity Institute of Geoinformatics and Remote Sensing (AIGIRS)
FBL	Foreign Language	Amity Institute of Foreign

		Language (AIFL)
Value Added Courses.	Behavioural Sciences	Amity Institute of psychology and allied sciences
Domain Elective	Global warming and climate change	Amity school of natural resources and sustainable development (ASNRSD)
Domain Elective	Concept of sustainable development	Amity school of natural resources and sustainable development (ASNRSD)
Allied Course	Elementary Statistics	Amity Institute of Applied Science (AIAS)
Allied Course	Environmental Physics	Amity Institute of Applied Science (AIAS)

However, we at institute level are also offering few courses as domain elective to the students of different institutes. Below mentioned is the list of few courses.

Type of Courses	Course Title
Domain Elective	Social and environmental issue
Domain Elective	Disaster and its management
Domain Elective	Environmental Impact Assessment

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Response:

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	1	1
Associate Professors	1	0	0
Asst. Professors	8	8	8
Teaching Associate	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response:

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Tanu Jindal	PhD	Professor	Ecotoxicology	15	2 Completed, 1 Submitted, 7 ongoing
Dr. Manju Rawat	M.Phil, Ph.D.	Assistant Professor	Environmental Sciences	14 years	2 (Ph.D. in Progress)
Dr.Renu Dhupper	M.,Sc., Ph.D.	Assistant Professor	Environmental Sciences	8 years	3 (Ph.D. in Progress)

Ms. Shivangi Somvanshi	B.Tech, M.Tech., Pursuing Ph.D. (GATE)	Assistant Professor	Environmental Engineering, Geoinformatics and Remote Sensing	7 years	-
Dr. Ambrina Sardar Khan	M.Sc., Ph.D.	Assistant Professor	Environmental Sciences	6 years	5 (Ph.D. in Progress)
Dr. Prateek Srivastava	M.Sc., Ph.D. (UGC NET)	Assistant Professor	Environmental Sciences	11 years	2 (Ph.D. in Progress)
Dr. Richa Dave Nagar	M.Sc., Ph.D. (UGC NET)	Assistant Professor	Environmental Sciences	5 years	-
Dr. Ashutosh Tripathi	M.Sc., Ph.D.	Assistant Professor	Environmental Sciences	5 years	1 (Ph.D. in Progress)
Dr. Manoj Chandra Garg	M.Tech, Ph.D. (GATE)	Assistant Professor	Environmental Engineering	3 years	-
Dr. Amita Sinha	M.Sc, Ph.D.	Teaching Associate	Environmental Botany	31 Years	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response: We are having one senior emeritus professor, **Prof. A.L. Aggarwal**, Retired Director from Indian School of Mines.

13. Percentage of classes taken by temporary faculty – programme-wise information –

Response: All the classes (100%) are taken by permanent faculties in all the programmes.

14. Institute's Student Teacher Ratio.

Response: Student Teacher ratio of the institute is 8:1.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	1	1	1
academic support staff (technical)	1	0	0
administrative staff	1	1	1

16. Research thrust areas as recognized by major funding agencies

Response:

#	Funding Agency	Research thrust area
1.	DST	Performance evaluation of forward osmosis membrane system for application within the agriculture and textile industries. (2017)
2.	DST	Development and Application of Diatom Indices for the Ecological Assessment of Chambal River System (2013)
3.	Ministry of earth sciences	Environmental toxicological studies and monitoring with NCAOR for estimation of POP's (2014)
4.	DST	Development of a cost effective Lysimeter& method for leaching studies to estimate risk assessment of ground water contamination (2013)
5.	DST	Mobile phone and tower exposure measurement and biological correlations (2014)
6.	DST	Microwave interaction with biological systems and criteria for safe exposure (2014)
7.	Ministry of earth sciences	Study of contamination of soil and water through heavily loaded unlined drains in delhi (2010)
8.	DST	Dissipation, leaching and persistence of chlorpyrifos in three types of soils with different pH (2009)
9.	Ministry of Environment and Forests (MOEF)	Analysis of surface and groundwater pollution by indiscriminate use of Agrochemicals (Pesticides) in selected peddy, cotton and vegetable growing farms of India (2009)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response:

Ongoing Projects	Total Grants Received
National	Rs 1,87, 78, 680

#	Project title	Number of faculty	Funding agencies	Grants received
1.	Performance evaluation of forward osmosis membrane system for application within the agriculture and textile industries.	Dr. Manoj C. Garg	DST	Rs/- 4600000
2.	Development of a cost effective Lysimeter& method for leaching studies to estimate risk assessment of ground water contamination (2013) : In collaboration with AIETSM	Prof. Tanu Jindal	DST	Rs/- 3815280
3.	Mobile phone and tower exposure measurement and biological correlations (2014): In collaboration with AIETSM	Prof. Tanu Jindal	DST	Rs/- 5453400
4.	Development and Application of Diatom Indices for the Ecological Assessment of Chambal River System	(1 Faculty) Dr. Prateek Srivastava	DST	Rs/- 20,50,000

	(2013) : AIES			
5	Environmental toxicological studies and monitoring with NCAOR for estimation of POP's (2014) In collaboration with AIETSM	Prof. Tanu Jindal	MOES	4.5 crores Antarctic Expedition (Travel and logistic cost)
6	Screening of indigenous heavy metal tolerant algal stains from recent Indian station Bharti, Antarctica for bioremediation and hydrogen production In collaboration with AIETSM	Prof. Tanu Jindal	CSIR	8,10,000

18. Inter-institutional collaborative projects and associated grants received

Response: One inter-institutional (Inter-disciplinary) project in collaboration with Amity School of Natural Resources and Sustainable Development (ASNRSD) and Amity School of Engineering and Technology (ASET) is sanctioned to us by Ministry of Environment and Forests (MOEF)

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Response: We received the total grant of Rs 1,87, 78, 680/- from Department of Science and Technology (DST) and CSIR.

20. Research facility / centre with :

Response: We have two DST recognised research laboratories (Ecology Lab and Water Lab) in our institute.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Response: We do not have any industry or corporate sponsored research laboratories in our institute.

22. Publications:

Response:

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	62
Monographs	8
Chapters in Books	3
Edited Books	1
Books with ISBN with details of publishers	4

Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	20
Citation Index – range / average	2-30
SNIP (Source Normalized : Impact per Person)	5.18
SJR (Scimago Journal Rank)	4.1
Impact Factor – range / average	0.07-3.6
h-index	1-6

23. Details of patents and income generated

Response: We have filed 3 Patents in collaboration with AIETSM, however the income generated is nil, as all of them are in process.

#	Patent Details
1.	Jindal, Tanu. 2012. Low Cost Water Testing Kit. 2912/DEL/2012, filed August 7, 2012
2.	Jindal, Tanu. 2012. Development of natural pesticides from plants with acetyl cholinesterase inhibitory activity. 3963/DEL/2012, filed December 20, 2012.
3.	Jindal, Tanu. 2013. Simple Lab/Field Lysimeter. 353/DEL/2009, filed February 25, 2009, and issued February 8, 2013
4.	Jindal, Tanu. 2013. Photochemical method for degradation of persistence pesticide. 592/DEL/2013, filed February 28, 2013
5.	Jindal, Tanu. 2016. An exposure system for dosimetric application of microwaves to small insects, Provisional draft of CRN 1948, Filed July 22, 2016

24. Areas of consultancy and income generated

Response: Institute does not have any consulting assignments.

25. Faculty selected nationally to visit other institutions:

Response:

#	Faculty Name	Designation	Details of visit other Institution
1.	Prof. Tanu Jindal	Professor and Director	Shriram Institute for Industrial Delhi
2.	Prof. Tanu Jindal	Professor and Director	Civil Engineering Department, IIT I
3.	Prof. Tanu Jindal	Professor and Director	National Centre for Anatrctic ar Research, Goa
4	Prof. Tanu Jindal	Professor and Director	University Massachusetts
5.	Prof. Tanu Jindal	Professor and Director	Harvard University
6.	Prof. Tanu Jindal	Professor and Director	University of Saakatchewan
7	Prof. Tanu Jindal	Professor and Director	University of York
8	Prof. Tanu Jindal	Professor and Director	University of Toronto

9	Prof. Tanu Jindal	Professor and Director	Banaras Hindu University (BHU)
10	Prof. Tanu Jindal	Professor and Director	Jawaharlal Nehru University
11	Prof. Tanu Jindal	Professor and Director	Maharishi Dayanand University
12	Ms. Shivangi Somvanshi	Assistant Professor	National Remote Sensing Centre (NRSC), ISRO, Hyderabad for professional training.
13	Ms. Shivangi Somvanshi	Assistant Professor	Remote Sensing Application Centre (RSAC) for delivering guest lecture.

26 Faculty serving in Response:

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board
A	National committees	Prof. Tanu Jindal	Director	Executive Committee Member-STOX
		Prof. Tanu Jindal	Director	Member- Group Research Coordinatio (GRCC)
		Prof. Tanu Jindal	Director	Nodal person for Amity Centre of Environ
		Prof. Tanu Jindal	Director	Indian Association of Microbiologists Member
		Prof. Tanu Jindal	Director	Member of Society of Pesticide Science, Ir
		Prof. Tanu Jindal	Director	Society of Toxicology (STOX), Life Meml
		Prof. Tanu Jindal	Director	Indian Science Congress (ISC), Life Meml
		Prof. Tanu Jindal	Director	Executive Member, Indian Networ Contamination Research (INSCR)
B	Editorial Boards	Prof. Tanu Jindal	Director	Editor-in-Chief Amity Journal of Energy and Environment
		Prof. Tanu Jindal	Director	Editor-Special issue (Environmental Tox Chmeistry)
		Dr. Prateek Srivastava	Assistant Professor	Member
		Ms. Shivangi Somvanshi	Assistant Professor	Member
		Dr. Ambrina S. Khan	Assistant Professor	Member, Editor
C	International committees	Prof. Tanu Jindal	Director	Member of Agrochemicals Division, Chemical Society, USA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

#		Organised	Attended
a	Refresher	1	1
b	Orientation programs	1	2
c	Workshops	11	25
d	Training programs	9	2
e	Similar programs	1	4

- 28 Student projects :

Response:

percentage of students who have done in-house projects including inter-departmental projects	02%
percentage of students doing projects in collaboration with other universities / industry / institute	98%

- 29 Awards / recognitions received at the national and international level:

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1.	Prof.Tanu Jindal	Director	Scientist of the Year Award-2015	December 22, 2015	National
2.	Prof.Tanu Jindal	Director	Environmentalism of the Year Award-2014	2014	National
3.	Prof.Tanu Jindal	Director	Travel Grant	2013, 2014, 2015	National
4.	Dr. Manju Rawat Ranjan	Assistant Professor	DST Women Scientist Award	May 2012	National
5.	Dr. Prateek Srivastava	Assistant Professor	DST Young Scientist Award	June 2014	National
6.	Dr. Manoj C. Garg	Assistant Professor	DST Young Scientist Award	January 2017	National

Received by Students:-

Most of our students have qualified UGC NET in the past two years.

- 30 Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response:

* All the Events were in collaboration with AIETSM

#	Title of Event	Type of Event	Location of Event	Source of funding National / International	Outstanding Participants
1	Air, Water and Soil: Pollution Prevention Paradigm	Workshop	Amity University	National	Dr. Prof. Tatiana Minkina, Department of Soil Science and Land Resources Estimation, Academy of Biology and Biotechnology, Southern Federal University, Russia Dr. Assoc. Prof. Svetlana Sushkova Academy of Biology and Biotechnology, Southern Federal University, Russia
2	UG EVS Faculty Development Programme for Environmental Sciences	Seminar	Amity University	National	Prof. Tanu Jindal and Faculty
3	World Environment Day "Air pollution, causes and prevention"	Workshop	Amity University	National	Prof. Tanu Jindal and Technical Officer from Enviro Tech, Delhi
4	Ozone Day Celebration under the theme "30 years of healing the ozone together" supported by the slogan "Ozone: All there is between you and UV"	Seminar	Amity University	National	Faculty and Student awareness and article Published
5	"Urban Agriculture: Turf, Ornamentals, Household products, and	Seminar	American Chemical Society	International	Symposium Chair
6	Water-re-Use" and "Formulation Technologies for Improved Crop Protection"	Seminar	American Chemical Society	International	Symposium Chair
7	Environment Day Celebration under the theme "Seven Billion Dreams. One Planet. Consume with Care"	Seminar	Amity University	National	Collaboration with NESI and article Published
8	Earth Day Celebration under the theme "Water Wonderful World"	Seminar	Amity University	National	Collaboration with NCOR and article published
9	Water Day Celebration under the theme "Water and Sustainable Development"	Seminar	Amity University	National	Student Participation, Awareness and Article Published

10	INBUSH(North Hampton) “Combating Pollution through Integrated Environmental Management” under the theme “Reengineering & Reinventing 4 Ms (Men, Machinery, Material, Money) for 5Ms (Manufacturing, Merging, Modifying, Multiplying and Managing Global Organizations)”	Seminar	Amity University	National	Collaboration with North Hampton and Article Published
11	Ozone Day Celebration under the theme 'Ozone Layer Protection: The Mission Goes On'	Seminar	Amity University	National	Student participation, awareness and article Published
12	Earth and Environment, Pollution and Prevention	Workshop	Ministry of Earth Science	National	Proceeding, publication and awareness
13	Environment pollution, Soil Health & Sustainable Agriculture	Workshop	INSCR	National	Proceeding, publication, and awareness
14	Pollution Prevention Paradigm	Seminar	Ministry of Earth Science	National	Proceeding, publication, and awareness

31 Code of ethics for research followed by the departments

Response: The institute follows university’s guidelines and implement them in following ways:

In particular, the following basic rights of researchers are recognised and promoted as far as possible with a view to creating an environment where research can flourish and high quality research outputs can be promoted:

- Academic freedom
- The availability of a caring research environment with efficient policies, management, structures, support services and programmes to promote research
- The use of the University’s facilities, services and resources for research.

32 Student profile programme-wise:

Response:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. July 2012	24	0	10	100%	100%
M.Sc. July 2013	74	2	23	100%	100%
M.Sc. July 2014	54	1	11	100%	100%
M.Sc. July 2015	93	1	25	100%	100%
M.Sc. July 2016	41	4	21	100%	100%
B.Sc. July 2015	36	2	8	100%	100%
B.Sc. July 2016	15	9	6	100%	100%

33 Diversity of students

Response:

Name of the Programme (refer to questionno. 4)	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. July 2012	Nil	100%	Nil
M.Sc. July 2013	Nil	100%	Nil
M.Sc. July 2014	Nil	100%	Nil
M.Sc. July 2015	34%	66%	Nil
M.Sc. July 2016	40%	60%	Nil
B.Sc. July 2015	10%	90%	Nil
B.Sc. July 2016	46%	41%	13%

34 How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response: Several students of our institute have qualified UGC NET in the past two years.

35 Student progression

Response: As the student strength is low , most of the master students prefer pursuing professional courses.

Student progression	Percentage against enrolled
PG to Ph.D.	10%
Employed	
Recruitment	60%
Entrepreneurs	10%

36 Diversity of staff

Response:

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	70%
from universities from other States	30%
from universities outside the country	Nil

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

- Dr. Ashutosh Tripathi and Dr. Richa Dave were awarded Ph.D. during the assessment period.
- Ms. Shivangi Somvanshi got enrolled in Ph.D. during the assessment period (Anticipated Date of Completion: May 2017)

38 Present details of departmental infrastructural facilities with regard to

Response:

Library	Central Library
Internet facilities for staff and students	Yes the wifi as well as LAN facilities are available for students and staff.
Total number of class rooms	4 Classrooms (2 for master programme and 2 for undergraduate programme)
Class rooms with ICT facility	All the classrooms of the institute are with ICT facility.
Students' laboratories	1 laboratory in addition to centralised computer and foreign language laboratories.
Research laboratories	2 Research Laboratories (Ecology Lab and Water Lab)

39 List of doctoral, post-doctoral students and Research Associates

Response:

from the host institution/university	2
from other institutions/universities	24

40 Number of post graduate students getting financial assistance from the university:

Response: None of the student of the institute is getting any type of financial assistance from the university.

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response:

Yes before the development of new programme institute do the market survey, obtain industry feedback and review government regulations. After implementing the observations obtained from the above mentioned exercise the proposal is put forward to area advisory board (AAB) for approval. Once approved they are forwarded to Board of Syllabus (BOS) and academic committee for approval and implementation.

42 Does the department obtain feedback from

Response:

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes the institute obtain feedback from faculty, staff and alumni on yearly basis. These feedbacks are then put forward to area advisory board (AAB) for approval. Once approved they are forwarded to Board of Syllabus (BOS) and academic committee for approval and implementation.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	
Alumni and employers on the programmes offered and how does the department utilize the feedback?	

43 List the distinguished alumni of the department (maximum 10)

Response:

#	Alumni Name	Programme Name	Associated with (Organisation Name)	Designation
1	Ms SHABNAM	M.Sc. (Environmental Sciences)	Dupont	Assistant Manager
2	Ms TARUNA	M.Sc. (Environmental Sciences)	SCS, India Pvt. Ltd.	Associate Trainee
3	Ms MAHIMA SAXENA	M.Sc. (Environmental Sciences)	HDFC Bank	Counselor
4	Ms PALLAVI KALUCHA	M.Sc. (Environmental Sciences)	Welspun Energy Limited	Graduate Engineer Trainee
5	Ms CHETNA VASUDEVA	M.Sc. (Environmental Sciences)	NEERI, Nagpur, Maharastra	Junior Research Fellow
6	Mr MUDASIR SYED LOLU	M.Sc. (Environmental Sciences)	Own Textile Business	Own Textile Business
7	Ms GURPREET KAUR	M.Sc. (Environmental Sciences)	India Test Lab	Executive Trainee
8	Ms KOMAL CHAUDHARY	M.Sc. (Environmental Sciences)	Sycom Consultancy Private Limited	Executive Trainee
9	Ms SNEHLATA SHOKEEN	M.Sc. (Environmental Sciences)	IP University	Lecturer
10	Ms. SWARNA SINGH	M.Sc. (Environmental Sciences)	Delhi Pollution Control Committee	Trainee Engineer
11	Ms ANUPREET KAUR	M.Sc. (Environmental Sciences)	Sycom Consultancy Private Limited	Executive Trainee

12	Ms. NEHA TIWARI	M.Sc. (Environmental Sciences	Delhi Public School, Gautam Buddha Nagar	EVS (package of Rs/- 336,000)	Faculty
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- 44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response: National level

S.No.	Name of the Institution	Event Category	Title/Theme	Date From	Date
1	AIETSM & AIES	Workshop	Air, Water and Soil: Pollution Prevention Paradigm	1 December, 2016	2, December, 2016
2	AIETSM & AIES	Seminar	UG EVS Faculty Development Programme for Environmental Sciences	19 August, 2016	19 August, 2016
3	AIETSM & AIES	Workshop	World Environment Day "Air pollution, causes and prevention	2, June 2016	2, June 2016
4	AIETSM & AIES	Conference	Earth and Environment: Pollution and Prevention (EEPP-2014)	28 Jan 2014	30 Jan 2014
5	AIETSM & AIES	Conference	Environmental Pollution, Soil Health and Sustainable Agriculture" (Envirosoil-2013)	15 Jan 2013	17 Jan 2013
6	AIETSM & AIES	Seminar	Ozone Day	14 Sep 2014	14 Sep 2014
7	AIETSM & AIES	Seminar	INBUSH(North Hampton)	26 Feb 2015	26 Feb 2015
8	AIETSM & AIES	Seminar	Water Day	23 Mar 2015	23 Mar 2015

9	AIETSM & AIES	Seminar	Earth Day	22 Apr 2015	22 Apr 2015
10	AIETSM & AIES	Seminar	Environment Day	23 Jun 2015	23 Jun 2015
11	AIETSM & AIES	Seminar	Ozone Day	15 Sep 2015	15 Sep 2015
12	AIETSM & AIES	Work Shop	Pollution Prevention Paradigm	11 May 2011	11 May 2012

45 List the teaching methods adopted by the faculty for different programmes.

Response:

- Audio-visual presentation for theory and practical classes
- Mini projects (Individual and group based projects) in individual subjects
- Research oriented final year projects and Research paper publication in conference/seminars/journals
- Invited guest lectures are regularly arranged
- Training programme for advanced learners
- Industrial visits are arranged

46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response:

- Outcome Assessment Committee along with CRC of the institute monitors the progress of curriculum and conduction of classes and examinations.
- Courses completion is undertaken in the light of Program Objective by the Program Leader (PL) of the concerned batch. Further, regular Class tests, internal assessment exams, periodic model examinations etc have been conducted which ensure the programme objectives are constantly met and learning outcomes are monitored.

47 Highlight the participation of students and faculty in extension activities.

Response:

Participation of faculty members in extension activities:

#	Name of Faculty member	Details of Extension Activity done by faculty member			Role of Faculty member
		Date of Project / Activity	Location	Total number of hours volunteered	
1	Prof. Tanu Jindal	New Insights & Multidisciplinary Approach in Toxicological Studies as 36th Annual Conference of Society of Toxicology	Amity University	August 3-5, 2016	Convener

		(India) 2016			
2.	Prof. Tanu Jindal	“Urban Agriculture: Turf, Ornamentals, Household products, and Water-re-Use” and “Formulation Technologies for Improved Crop Protection	250th ACS National Meeting, Boston, Massachusetts, USA	August 16th-20th 2015	Participants
3.	Prof. Tanu Jindal	2/12/2015 (Conference on Water, Sanitation and Hygiene organised by ASSOCHAM)	Hotel Shangri-La, New Delhi	6 Hours	Co-organisers (University Partners)
1	Ms. Shivangi Somvanshi	2/12/2015 (Conference on Water, Sanitation and Hygiene organised by ASSOCHAM)	Hotel Shangri-La, New Delhi	6 Hours	Co-organisers (University Partners)
2	Dr. Ashutosh Tripathi	2/12/2015 (Conference on Water, Sanitation and Hygiene organised by ASSOCHAM)	Hotel Shangri-La, New Delhi	6 Hours	Co-organisers (University Partners)
3	Ms. Shivangi Somvanshi	10/03/2016 (Workshop on Delhi Air pollution: Status/Major Sources/impacts & Management Strategies organised by IPHE and IAAPC)	India International Centre, New Delhi	7 Hours	Participant
4	Dr. Renu Dhupper	10/03/2016 (Workshop on Delhi Air pollution: Status/Major Sources/impacts & Management Strategies organised by IPHE and IAAPC)	India International Centre, New Delhi	7 Hours	Participant
5.	Dr. Manju Rawat	10/03/2016 (Workshop on Delhi Air pollution: Status/Major Sources/impacts & Management Strategies organised by IPHE and IAAPC)	India International Centre, New Delhi	7 Hours	Participant
6	Ms. Shivangi Somvanshi	22/03/2016 (National Water Summit 2016 organised by PHD House, New Delhi)	PHD house, New Delhi	5 Hours	Participant

Participation of students in extension activities:

The Institution promote environmental and Social Responsibility through institution neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students. The institute is committed to social responsibility, by carrying out its mission –

1. The institute aims at providing an atmosphere of holistic development of students thereby transforming them into responsible citizens by transferring moral values.
2. It aims at pursuing excellence towards creating students with high degree of intellectual, professional and cultural development to meet the national and global challenges.
3. The institute is conscious of its role in campus community connection, well being of its

neighborhood and has initiated a number of community development activities. These activities include:

- Involving in NSS Camps
- Involving students in Blood Donation Camps
- Involvement in Missionaries of Charity by donating clothes and financial aids
- Participation in inter and intra-college symposiums –Programming contest, paper presentations, project presentations etc.
- Participation in student welfare activities Helping students in association and club activities

48 Give details of “beyond syllabus scholarly activities” of the department.

Response:

FACULTY NAME	SCHOLARLY AND PROFESSIONAL ACTIVITIES, PAST FOUR YEARS
	PROFESSIONAL ACTIVITIES
Prof. Tanu Jindal	<ul style="list-style-type: none"> • Indian Association of Microbiologists (AMI)-Life Member • Member of Society of Pesticide Science, India– Life Member • Member of Agrochemicals Division, American Chemical Society, USA • Society of Toxicology (STOX), Life Member, India • Indian Science Congress (ISC), Life Member, India • Executive Member, Indian Network of Soil Contamination Research (INSCR) • Member of FRC, BOS, DRC, NAAC, WASC • Member- Group Research Coordination Committee (GRCC) • Nodal person for Amity Centre of Environmental Health
Dr. Manju Rawat Ranjan	<ul style="list-style-type: none"> • Life membership of scientific bodies (Indian Science Congress, Indian Association of Solid Waste Management & Third World Association of Women in Science) • Reviewer (Environmental Monitoring & Assessment, Springer; Chemosphere, Elsevier). • Board Member (Admissions, Faculty Interview, JRF at AUUP)
Ms. Shivangi Somvanshi	<ul style="list-style-type: none"> • Guest Lecture (RSAC) • Member of Editorial Board of IJAER & IJRST • Reviewer: Environmental monitoring and assessment (Springer) and International journal of agriculture science
Dr. Ambrina Sardar Khan	<ul style="list-style-type: none"> • Life time membership of ISC • Editor (IJEES) • Reviewer for Habitat Int., Elsevier • Reviewer for SRE • Reviewer BESR • Board member for faculty interview AIES, AIGIRS • Member of BOS, DRC, NAAC, WASC
Dr. Prateek Srivastava	<ul style="list-style-type: none"> • Editorial Board Member, Current World Environment (ISSN: 0974-4929, Online ISSN: 2320-8031)

49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response:

The programme of the institutes are not separately accredited, however the university is accredited by NAAC (India) and WASC (USA).

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response:

1. Design and implementation of environmental projects for all undergraduate programmes.
2. Organisation of seminars and conferences on environmental issues.
3. Creating environmental awareness through various club activities.
4. Celebration of all the days certified for environmental importance and conservation namely world environment day, world water day, ozone day etc.
5. Encouraging the students to pursue their projects in the current environmental issues.

51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response:

Strengths

- Strong curriculum design as per the prescribed guidelines.
- Student performance and learning outcomes.
- Providing academic flexibility
- Strong internal quality and assurance system
- Young, dynamic and energetic Faculty and other staff members
- Innovative project works by students
- This institute has an interdisciplinary culture, as the faculties of the institute are teaching basic courses of 'Environmental Studies' throughout the university.
- Strong team work in the institute.

Weakness

- Research facilities in the Department to be enhanced so that Faculty members can carry out their research activities in the departmental labs.
- International collaborations
- Patents
- Job opportunities
- Consultancy projects
- Collaboration with industries

Opportunities:

- Departmental Research facility to be enhanced
- Attraction of more students from foreign countries.
- Faculty Motivation Programmes
- Faculty members deputed for specialized training/higher studies
- External Project Work
- Faculty Achievements
- Paper Publication
- Book Publication
- Student and Faculty Monitoring

- Extra-Curricular Activities
- Student participation and activities

Challenges

- Qualified faculty retention
- High completion and job market
- To establish industry / academic interactions or collaborations with reputed external organizations.
- To promote student exchange program for higher Semester students.
- Patenting the innovative research work carried out in the Institute.
- Research infrastructure in the emerging areas.

52 Future plans of the department.**Response:**

1. To set up an environmental consultancy.
2. Internationalisation of the institute.
3. Collaboration and MOU with other universities.
4. To increase the number of research publications and awards.
5. To increase the admission rate for all the programmes.

Overall our future plan is to develop excellence in each and every sphere, implement the latest and the best and to keep ourselves updated academically by national and international trainings and collaborations.

Evaluative Report of ASNRSD & AIGWES

1. Name of the Department

Response:

1. Amity School of Natural Resources & Sustainable Development (ASNRSD)
2. Amity Institute of Global Warming and Ecological Studies (AIGWES)

2. Year of establishment

Response: 2007

3. Is the Institution / Department is part of a School/Faculty of the university?

Response: Yes, Faculty of Science Engineering & Technology under domain of Natural Resources & Environmental Sciences (NRES)

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)

Response:

(1) ASNRSD

- PG – MBA (NRSD) & M.Sc. (Forestry)
- Doctoral – Ph.D (NRSD)

(2) AIGWES

- Doctoral – Ph.D (CC& ES)

5. Interdisciplinary programmes and departments involved

Response: MBA (NRSD) in conjunction with the Faculty of Management

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Response: Nil

7. Details of programmes discontinued, if any, with reasons

Response: Nil

8. Examination System: Annual / Semester / Trimester / Choice Based Credit System

Response: Semester & Choice Based Credit System

9. Participation of the department in the courses offered by other departments / institutions

Response:

The department offers a number of courses as domain and open electives to other departments within and outside the domain of NRES, respectively. Other than these, faculty also take up classes for the Undergraduate University course on Environmental Studies in other departments of the University like AISS, AIESR and AIGIRS.

#	Course Type	Course Code /Name	Department / Institution Name
1.	Domain Elective	NRSD602 - Global Climate Change	AIES, AIGIRS
2.	Domain Elective	ESCM613 - Fundamentals of Ecology	AIWS
3.	Domain Elective	ESCM713 - Environmental Hazards, Risk Assessment and Disaster Management	AIWS

4.	Domain Elective	NRSD703 - Urban Green Space Management	AIES
5.	Domain Elective	NRSD605 - Natural Resources Planning & Management	AIES, AIGIRS
6.	Domain Elective	NRSD704 - Livelihood Issues & Natural Resources	AISS, AIGIRS, AIES
7.	Domain Elective	NRSD611 - Land Use Planning & Management	AIES, AIGIRS
8.	Open Elective	NRSD705 - Sustainability and Development	AISS
9.	Domain Elective	NRSD711 - Watershed Management	AIWS, AIES
10.	Open Elective	FSM604 - Forest Products	AIES, AIHSR, AIOA
11.	Open Elective	NRSD102 - Introduction to Sustainable Development (UG)	AISS
12.	Domain Elective	FSM713 Green Marketing	AIES, AIGIRS, AIWS
13.	Domain Elective	FSM711 Medicinal and Aromatic Plants	AIES
14.	Domain Elective	FSM704 Forest Based Livelihood and Enterprise Development	AIES
15.	Domain Elective	FSM705 Sustainable Forest Management	AIES, AIGIRS, AIWS
16.	Domain Elective	NRSD601 Fundamentals of Natural Resources	AIES, AIGIRS, AIWS

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response:

There are two faculties at Professor level - the Head of Institution (HoI) and Advisor of the department. There are no Associate Professors and two Assistant Professors (Grade I) at present. Other than this, there is one Research and Teaching Assistant in the department.

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	2	0	2
Associate Professors	-	-	-
Asst. Professors	5	0	5
Others			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response: -

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Indrani Chandrasekharan	Doctorate	Director	Policy, legislation and Planning in Environment, Forestry, WL and CC, International Conventions in Environment, Chemical Safety; Haz. Wastes, and Solid waste management, Bio-diversity, EIA,	37 years	NA
Prof. B.K.P Sinha	PG	Advisor, ASNRSD	Forest Management Sustainable development of Natural resources Environmental Impact Environmental economics Ecological services	35 years	NA
Sh. J.C. Kala	PG	Hon. Advisor , AIGWES	Forestry Adaptive and mitigating measure in agriculture Economics of environment Forestry and Human Health Global Warming, Wildlife Management.	37 years	NA
Dr. Upamanyu Hore	Ph.D. Wildlife Sciences	Assistant Professor (Grade I)	Wildlife Sciences	6 years	2
Ms. Maya Kumari	M.Sc. Environmental Sciences/M. Tech. Remote Sensing & GIS/Pursuing Ph.D.	Assistant Professor (Grade I)	Remote Sensing & GIS	5 years and 6 months	NA
Ms. Richa Sharma	UGC NET/ M.Sc.	Assistant Professor	Natural Resources Management	4 years	NA

	Natural Resources Management	(Grade I)			
Dr Vartika Singh	MSc, MPhil, Ph.D	Asst. Prof	Geology, Hydro-Geology, Ground Water, Environmental Geology.	7+	3
Mr Vineet Shrivastava	Double MSc,	Asst. Prof	Forestry, Wood Technology, Tree breeding, Marketing of Forest Products.	4+	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response:

There are 4 visiting faculty for various courses under MBA (NRSD) and M.Sc. (Forestry.) There are no adjunct faculties and Emeritus professors in the department.

#	Senior Visiting Fellow	
	Name	Designation
1.	Dr. Subash Chander	Professor & Principal Scientist, IARI, New Delhi
2.	Dr. Sheo Kumar	Scientist 'E' (BSI) & Incharge, Botanical Garden, Noida
3.	Mr. A.K. Singh	Retd. Additional Principal Chief Conservator of Forests, Uttar Pradesh
4.	Dr. Nimai Das	Formerly T T I Fellow (Assistant Professor) at Institute of Economic Growth, Delhi University (North Campus)

13. Percentage of classes taken by temporary faculty – programme-wise information

Response:

MBA (NRSD) – 0%

M.Sc. (Forestry) – 20% approx.

14. Programme-wise Student Teacher Ratio

Response:

#	Programme Name	Student Teacher Ratio
1	MBA NRSD	2:1
2	M.Sc Forestry	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	1	0	1
academic support staff	NA	NA	NA

(technical)			
administrative staff	3	2	3

16. Research thrust areas as recognized by major funding agencies

Response:

#	Funding Agency	Research thrust area
1	Ministry of Environment, forest and climate change	Chemical Safety; Management of Hazardous Wastes, Afforestation, Waste management, EIA, SDG's, Wild Life,
2	State Biodiversity and Forest funding Agency	Biodiversity Strategy Monitoring, Reporting and Verification, conserve and sustainable use biological diversity, protect knowledge of local communities related to biodiversity, protection and rehabilitation for threatened species,
3	ICFRE, Coal Ministry	Sustainable Remediation and Rehabilitation of Biodiversity, Climate change, Conservation of biological diversity, Forest products for livelihood support, Biodiversity conservation and management.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response:

Presently Dr. Upamanyu Hore is engaged with one national ongoing project, which is funded by Ministry of Environment, forest and climate change, titled (1) 'Study on Golden Langur, Trachypithecus Geei threatened by habitat fragmentation in India' and total approved grant is Rs 24,41,781. 2. A study on Capped Langur (Trachypithecus *Pileatus*) threatened by habitat fragmentation in Assam , India' was completed and the final report submitted to the Ministry of Environment Forestry & Climate Change in 2015.

Ongoing Projects	Total Grants Received
National- Project-1	24,41,781.00
Completed Projects, 2015	
National –Project-2	21,21, 750.00
Total	45, 63, 531.00

#	Project title	Number of faculty	Funding agencies	Grants received
1	'Study on Golden Langur, Trachypithecus Geei threatened by habitat fragmentation in India'	1	Ministry of Environment, forest and climate change	24,41,781.00

This project is granted to Amity Institute of Global Warming and Ecological Studies, Amity University Noida, on 17.02.2012 by Ministry of Environment, Forest and Climate Change.

18. Inter-institutional collaborative projects and associated grants received

Response: ASNRSD & AIES had submitted collaborative project entitled “Development of GIS based decision support system for Health. Impact Assessment due to Anthropogenic pollution in River Yamuna” which has been approved for funding by the Ministry of Environment, Forest and Climate Change

#	Level	Number	Grants received
a	National collaboration	1	Rs. 35,28996

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Response:

The institute does not have any projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. The institute is working in this direction.

20. Research facility / centre with

Response:

The institute does not have any research facility but utilizes various other facilities under the domain.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Response: The institute has one well established research lab under Govt. aided project.

22. Publications: Details are in Appendix.

Response:

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	2- Research paper in international conference, 5 -Research paper in national conference, 2 -Research paper in conference proceedings 5 -Paper in national journal 2 -paper in international journal Total -16
Monographs	3
Chapters in Books	2
Book	1
Edited Books	0
Books with ISBN with details of publishers	*“Disastrous aspects of earthquake events in Indian scenario – comments on the management strategy”, book name – “Environmental Management”, Daya Publishing House, Chapter

	13, ISBN 978-81-7035-822-0 pp 103-114.2013 *“Remote sensing and geographic information system application in reflection of air pollution environment during a decade span in vicinity of Deharadun, Uttrakhand.”, book name-“Environmental Technology”, Daya Publishing House, Chapter 12, ISBN No 9788170358237 , pp 111-126.2013 * Kataria sons publication ISBN 978-81-906919-0-0
Citation Index – range / average	7(Google Scholar)
h-index	2 (Google Scholar)

23. Details of patents and income generated

Response: The institute does not have any patents nor any income generated from them.

24. Areas of consultancy and income generated

Response: The institute does not have any consulting assignment.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response: Dr. Upamanyu Hore and Mr. Vineet Shrivastava were selected to visit other laboratories / institutions / industries in India and abroad

26. Faculty serving in Committees and Boards

Response:

#	Name Committee/ Board	Faculty Name	Position in the Committee/ Board	Tenure
a	National committees	Sh J.C. Kala	Chairman of National Wild Life Action Plan	1 ½ year
b	Editorial Board			
	(a) Indian Forester	Prof. B.K.P.Sinha	Member of review comity	Life Time
	(b) Indian Institute of Public Administration	Prof. B.K.P.Sinha	Member	Life Time
c	International committees			
d	any other (please specify) Selection and promotion of	Dr. Indrani Chandrasekh	Chairman	4 Months

scientist in MoEF and CPCB	aran		
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Apart from the above committees, the faculties are also member of various institution committees such as CRC, PRC, AAB, CAC, BoS, Discipline committee, Examination Committee etc.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

#		Organised	Attended
a	Refresher	1	2 Refresher Course and 1 FDP
b	Orientation programs	0	0
c	Workshops	9	3
d	Training programs	10	5
e	Similar programs (please specify) Conference	0	5
f.	Seminar	1	2

28. Student projects :

Response:

36 % of the students have undergone in-house projects including inter-departmental projects. Around 64% of students underwent off-campus thesis/dissertation program.

percentage of students who have done in-house projects including inter-departmental projects	36 %
percentage of students doing projects in collaboration with other universities / industry / institute	64 %

29. Awards / recognitions received at the national and international level: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding Participants, .

Response: Training /workshops /seminars organised at AUUP

S.No	Title of Event	Source of funding National / International	Outstanding Participants
1.	One-week compulsory training course on "Impact of Various Treaties, Conventions and	Ministry of Environment and Forests, Government of India	26 IFS officers attended from all

	International Institutions on Conservation and Management of Forests"		over India
2.	Three-day capacity building training "Monitoring, Management and Governance of Watersheds"	National Rainfed Area Authority, Planning Commission, Government of India	37 participants attended from all over India
3.	Development of Potential Master Training under JICA funded EAP Project on "Capacity Development for Forest Management and Training of Personnel" (ID-P199)	Ministry of Environment and Forests, Government of India	114 participants attended from all over India
4.	Three-day training programme for Members of Van Panchayats "Sustainable Income by Organic Farming, Export Promotion and Proper Marketing of NTFPs"	Uttarakhand Forest Department, Gov. of Uttarakhand	40 IFS officers attended from all over India
5.	Two-day Training Workshop on "Climate Change Mitigation: Role of Forestry and Sinks Projects within the Clean Development Mechanism Framework" for Indian Forest Service (IFS) Officers	Ministry of Environment and Forests, Government of India	20 IFS officers attended from all over India
6.	One-week compulsory training course on "Development of Clean Development Mechanism Projects under Land Use, Land Use Change and Forestry: Theory and Practice and Their Relevance to Forestry Sector"	Ministry of Environment and Forests, Government of India	21 IFS officers attended from all over India
7.	One-week compulsory training course on "Valuation of Ecosystem Services"	Ministry of Environment and Forests, Government of India	25 IFS officers attended from all over India
8.	Two-day training workshop	Ministry of Environment	24 IFS

	on “Applicability of 73rd PESA Provision to Forests (Recent Constitutional Amendment) Conflicts Resolution and Need for Integration with JFM”	and Forests, Government of India	officers attended from all over India
9.	Two-day National Seminar on “Marketing and Export of Bamboo and Its Products: System, Challenges and Potential”	National Bamboo Mission, Ministry of Agriculture, GoI Dev.Commissioner (Handicraft), Ministry of Textile, GoI. United Nations Industrial Development Organization, New Delhi; National Bank for Agriculture and Rural Development, Mumbai	52 participants attended from all over India
10.	Two-day Training Workshop on “Prevention, Control and Management of Forest Invasive Species - Strategies”	Ministry of Environment and Forests, Government of India	21 IFS officers attended from all over India
11.	One-week compulsory training course on “Forest Certification and Effect on Timber and Handicraft Trade” for Indian Forest Service (IFS) Officers	Ministry of Environment and Forests, Government of India	18 IFS officers attended from all over India
12.	One-week compulsory training course on “Good Governance” for Indian Forest Service (IFS) Officers	Ministry of Environment and Forests, Government of India	22 IFS officers attended from all over India
13.	Seven-Day Training Workshop on “Partnership for Land Use Science (Forest-PLUS) Program - Co-development of Remote Sensing Protocols for Forest Carbon Mapping”	USAID (Forest-PLUS) and Michigan State University, USA	17 participants attended from all over India
14.	Two-day workshop on “Promotion of Handicrafts through R&D, and Linking Value Chains and Supply Chains: Awareness amongst	Dev. Commissioner (Handicrafts), Ministry of Textile, Government of India	Participants attended from all over India

	Stakeholders"		
15.	Two-day training workshop on "Applicability of 73rd PESA Provision to Forests (Recent Constitutional Amendment) Conflicts Resolution and Need for Integration with JFM"	Ministry of Environment, Forests and Climate Change, Government of India	10 IFS officers attended from all over India
16.	Two-day national workshop on "Climate Change Impact, Mitigation, and Adaptation for a Sustainable Horticulture"	National Horticulture Mission, Ministry of Agriculture, Government of India	74 IFS officers attended from all over India
17.	One-week Compulsory Refresher Course on "Role of Agro-Forestry in Increasing Tree Cover"	Ministry of Environment, Forests and Climate Change, Government of India	26 IFS officers attended from all over India
18.	Two-day skill upgradation course for Indian Forest Service (IFS) Officers in Research and Technological Development in Forest Biotechnology, Nanotechnology and Agriculture	Indira Gandhi National Forest Academy, Government of India, Dehradun	23 IFS officers attended from all over India
19.	Two-day workshop on "Traditional Knowledge and Tribal Handicrafts"	Dev. Commissioner (Handicrafts), Ministry of Textile, Government of India	25 IFS officers attended from all over India
20.	Two-day training workshop on "Forestry and Rural Development"	Ministry of Environment, Forests and Climate Change, Government of India	20 IFS officers attended from all over India
21.	One-week Professional Course 2014-16 (NGO Attachment) for Indian Forest Service (IFS) Probationers and Foreign Trainees	Indira Gandhi National Forest Academy, Government of India, Dehradun	61 IFS officers attended from all over India

31. **Code of ethics for research followed by the departments**

Response:

- The department follows the code of ethics specified by the University. Guideline no 53 and 58
- Department follows a definite code of conduct and ethics for Ph.D. programme with entrance test at university level.
- One semester course work is essential for all candidates. Students have to clear three paper i.e. research methodology, quantitative techniques and area specific course.
- After course work, candidate has to appear before DRC with a well-developed synopsis and justify it before the DRC.
- After the approval of DRC the candidate, under supervision of a guide, pursues the research with specific attendance at department.

32. Student profile programme-wise:

Response:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA NRSD 2012-14	10	1	1	100	100
MBA NRSD 2013-15	9	0	0	NA	NA
MBA NRSD 2014-16	11	2	0	50	
M.Sc Forestry 2015-17	10	0	1	On-going	

33. Diversity of students

Response:

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA (NRSD)	9%	27 %	64 %	0 %
M.Sc (Forestry)	-	-	100 %	

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response

Mostly students of MBA (NRSD) were placed after completion of the course

Cleared Examinations	Number of students
Other competitive examinations (please specify) GRE ToEL	1
IIFM Bhopal M.Phil Entrance	1

35. Student progression

Response:

ASNRD & AIGWES offer PG and Doctoral programmes. The progression is as follows:

1. PG to M.Phil.- 10%
2. Employed - Campus selection-80%
3. Entrepreneurs -10%

36. Diversity of Faculty

Response:

The diversity of the faculty in ASNRSD is as follows:

Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	NIL
from universities from other States from	75%
universities outside the country	25%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

Two faculty enrolled for PhD

38. Present details of departmental infrastructural facilities with regard to

Response:

Library	All the text books, reference books, research journals, hard and soft resources are available in the Central Library of the University. There is also departmental library with a total of 111 books and a subscription of two Journals
Internet facilities for staff and students	This is provided centrally by the University across the campus to all staff and students.
Total number of class rooms	The institute has one classroom and share rooms with Amity Business School for classes.
Class rooms with ICT facility	The institute has one classroom and share rooms with Amity Business School for classes.
Students' laboratories	The institute shares laboratories available within domain
Research labs	1

39. **List of doctoral, post-doctoral students and Research Associates**

Response:

from other institutions/universities : Nil

from the host institution/university :

Detail of PhD Scholars Batch July 2013- 2015, Full Time	
Enrollment No.	Name of Student
A2962513001	Ms. Tanya
PhD Scholars Batch January 2014-2016, Part Time	
Enrollment No.	Name of Student
A2962614001	Mr. Dheeraj Verma
Detail of PhD Scholars Batch July 2014-2017, Part Time	
Enrollment No.	Name of Student
A2962614003	Mr. Vineet Kumar Shrivastava
A2962614004	Ms. Vasvi Tyagi
A2962614006	Ms. Pooja Kapoor
A2962614002	Mr. Sooraj Aurora
Detail of PhD Scholars Batch July 2015-2018, Part Time	
Enrollment No.	Name of Student
A2962615002	Mr. Arambam Shyamananda

40. **Number of post graduate students getting financial assistance from the university.**

Response:

None of the student receiving financial assistance.

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response:

Yes, a need assessment was undertaken for the 2 year M.Sc. (Forestry) course which was **initiated** in 2015. Feedback taken from the industry and research organisations about new development in the related field and suggestions from faculty members and AAB members were taken. MBA Natural Resources & Sustainable development Programme is Industry oriented and M.Sc Forestry is Government policy based programme.

42. **Does the department obtain feedback from**

Response:

faculty on curriculum as well as teaching-	Suggestions received are circulated and
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learning-evaluation? If yes, how does the department utilize the feedback?	discussed and approved in AAB & BOS meetings
students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Feedback was received from students and is used for overall improvement of Academic process.
alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes, received from alumni They are invited to the AAB meeting, IQAC and University Court & their suggestions are analysed and incorporated in curriculum and teaching pedagogy.

43. List the distinguished alumni of the department (maximum 10)

Response:

#	Alumni Name	Program me Name	Pass-out Batch	Associated with (Organisation Name)	Designation
	Chiranjiv Guha	MBA NRM	2010-12	ESRI India (NIIT GIS LTD.)	Market Research Executive
	Ankita Gupta	MBA NRM	2010-12	GraminVikas Trust-KRIBHCO	Programme Officer
	Abhinav Naresh Kaushik	MBA NRM	2011-13	Van Bhavan, Maharashtra Forest Dept, Nagpur	Finance Officer
	Richa Singh	MBA NRM	2011-13	Bombay Natural History Society	Bombay Natural History Society
	Nikhil N	MBA NRM	2011-13	Ballarpur Industries Limited	Executive
	SupratikSaikia	MBA NRM	2011-13	Development Alternatives/FES	Project Officer
	LankalapalliBhargav	MBA NRM	2011-13	Greenko Energies	EHS Executive
	AakankshaAanand	MBA NRSD	2012-14	Nielsen Org	Research Associate

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Response:

The list of Programs , Workshops conducted are indicated at serial number-30 of the ER

2012	2013	2014	2015	2016
7	3	3	4	4

45. **List the teaching methods adopted by the faculty for different programmes.**

Response: Lectures, Power point presentations, field visit (Jhazzar-Agro-forestry)and involvement in Workshops and Seminar held by the school , interaction with experts and visiting faculty are the methods used,

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

The institution has an Outcome Assessment Committee, which from time to time maps PLOs and PEOs regularly. The programme structure of each programme also clearly defines intended learning outcomes and their mapping with SLOs.

Comprehensive exam and Exit survey are the tools used. E.g. MBA (NRSD), 2014-16 student report.External examination question papers are also prepared based on module weightage and SLOs.

47. **Highlight the participation of students and faculty in extension activities.**

Response:

Workshops were organised for various stakeholders such as farmers, artisans, van panchayat heads, etc. as extension activities by the institute.

48. **Give details of “beyond syllabus scholarly activities” of the department.**

Response:

Students donated blood in Blood Donation Camps organised during various occasions within University. A national level contest – Green Business Contest was also organised by the students of the institute.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response: Our MBA programme is accredited by IACBE, USA. As ASNRSD is a constituent part of the University and is therefore accredited by NAAC – India and WASC – USA.

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

The following are two most important contributions made by the School;

1. Assessment of Capped Langur (*Trachypithecus Pileatus*) threatened by habitat fragmentation in Assam , India'
2. Evaluation of Projects under National Afforestation Program (NAP) scheme, implemented through FDA in over 15 districts of the states of Haryana, MP, Uttrakhand and UP.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response:

#	Strengths
1	Experienced and knowledgeable Advisors & Director with Good Network.
2	Efficient and Committed Faculty & Staff
3	Good mix of Young and Experienced faculty.
4	Invitation of Faculty to deliver lectures in International and national Conferences.
5	Involvement of School in Policy , strategy and Legislation drafting and amendments by Ministries both GOI and State.
#	Weaknesses
1	Lack of comprehensive documentation and Laboratory
2	Low number of students in MBA & MSc
3	Lack of doctorate faculty

#	Opportunities
1	The subjects covered & degree offered are futuristic & globally relevant
2	Placements in a wide range of organisations
3	High possibility of selection in GOI entrance exams -IFS , IAS exam etc.
4	Scope of conduct of Training /Workshops and Seminar in current relevant Topics.
5	Continuous interaction with National Experts from other universities, Government and Research Institutions.

#	Challenges
1	Managing Research Scholars
2	Facilitate faculty to achieve wide exposure.
3	Competition with Agricultural University with low fee structure.
4	Vast area and continuous changes in policy and legislation.

52. Future plans of the department.

Response:

- The School proposes to start two certificate courses viz Disaster Management and

Sustainable Development.

- Conduct specific collaborative international research projects.
- Increase collaboration with State Forest and bio-diversity Department.
- Extensive efforts to be made to make collaborative projects in pipeline with ICFRE-BCC division result in
- Long term and comprehensive reports.
- Bid for more CIDA and SIDA projects on SDG's, Assessment of Afforestation, Climate Change, etc.
- One week Exposure and refresher training of in service Civil Service Class 1 Officers and Probationers.
- One Week refresher Course for IAS officers on Forestry, Environment and Sustainable Development.
- Take forward existing International Collaborations with Lakehead University, Canada, University of Wisconsin, Milwaukee, etc.
- Increased the percentage of student placements in industry.

Appendix-Publications

Research papers in International conference	
1	Vartika Singh (2015), Green computing- A step towards the sustainable development and minimization of electronic waste. 'Joint International Conferences, Pattaya, Thailand. pp 142- 146.' ISBN No: 819289492-4
2	Indrani Chandrasekharan and H. Chandrasekharan, Challenges for India towards a Low Carbon Industrial and Green Future, Low Carbon Earth Summit -2015, Sept. 24 to 26, 2015.Xian, China.
3	Indrani Chandrasekharan , EPR for Packaging: Opportunities and Challenges INTERNATIONAL WORKSHOP on EPR in India-Opportunities, Challenges and Lessons from International Experience, 12-13 th May 2016, New Delhi, India.
Research paper in National conference	
1	Vinit Kumar, Vartika Singh, V K Panchal and Savita Shiwani (2014), Simulation of bee's biology for information extraction from Satellite Image.Second International Conference on Emerging Research in Computing, Information, Communication and Applications-ERCICA-2014, Bangalore, Vol.1, pp.926, ISBN No: 9789351072607
2	Vartika Singh, Gourav Kumar, Divya Sabherwal (2015),A comparative study of computational intelligence based techniques in the field of Remote Sensing image classification.9th India Com; IEEE, 2015 International Conference on Computing for Sustainable Global Development., ISSN 0973-7529
3	Vartika Singh, Gourav Kumar, Geetika Arora(2016),Analytical evaluation for the enhancement of satellite images using swarm intelligence techniques. '10th INDIA Com-2016, IEEE Conference, New Delhi, pp 7300-7304'. ISBN 9789380544205
4	T.P Bhat, Indrani Chandrasekharan , H. Chandrasekharan and Kaushalya Ramachandran , Key elements of the Framework and Financial Provisions for Sustainable Development in India- Environment, Forestry and Climate Change. National Conference on "Sustainable Development in India: Economic Issues and Policy Initiatives", March 3rd & 4th , 2016, Noida, India
5	Indrani Chandrasekharan, H. Chandrasekharan and Kaushalya Ramachandran, Policy , Strategy and Monitoring mechanism for Disaster Risk Reduction and Water Management under Sustainable Development Goals (SDGs) in India. National Conference on "Sustainable Development in India: Economic Issues and Policy Initiatives", March 3rd & 4th , 2016, Noida, India

Research paper in Conference proceeding	
1	Ankit Gupta, Sarita Swain , Maya Kumari (2014) , Urban growth trend analysis of indore city (2005-2014) through index based models., 'ESRI INDIA USER CONFERENCE'. Page1-7.
2	Ankit Gupta, Sarita Swain , Maya Kumari (2015) A Geoinformatic approach to study urban agglomeration of Bhubaneswar city(Odisha), 'ESRI INDIA USER CONFERENCE'. Page1-7.
Research paper in National journal	
1	Vartika Singh, P. Dev (2015)Remote sensing data application in digital elevation model for feature extraction of Jaisalmer region, Thar Desert, Rajasthan, India. 'International Journal of Multidisciplinary Research & Development. Vol 2 (3), pp 244- 248' ISSN

	No: 2349-4182.
2	Maya Kumari, Richa Sharma (2015) Remote sensing and urban land use. 'Amity Journal of Energy and Environment Studies, vol 1, no1, page no 33-35, ISSN No. 2454/7778.
3	Maya Kumari, Richa Sharma (2015) Remote sensing and urban land use. 'Amity Journal of Energy and Environment Studies, vol 1, no1, page no 33-35, ISSN No. 2454/7778.
4	Richa Sharma, Maya Kumari (2015) Effects of climate change on agriculture. . 'Amity Journal of Energy and Environment Studies, vol 1, no1, page no 36-38, ISSN No. 2454/7778.
5	Richa Sharma, Maya Kumari (2015) Effects of climate change on agriculture. . 'Amity Journal of Energy and Environment Studies, vol 1, no1, page no 36-38, ISSN No. 2454/7778.

Research paper in International journal

1	Maya Kumari, Arup Das, Richa Sharma, Supratik Saikia (2014) Change detection analysis using multi temporal satellite data of poba reserve forest, Assam and Arunachal Pradesh. 'International journal of geomatics and geosciences'. Vol. 4, no. 3, page no 517-525.
2	Maya Kumari, Arup Das, Richa Sharma, Supratik Saikia (2014) Change detection analysis using multi temporal satellite data of poba reserve forest, Assam and Arunachal Pradesh. 'International journal of geomatics and geosciences'. Vol. 4, no. 3, page no 517-525.

Monographs

1	Maya Kumari, Ankit Gupta, Land use-Land cover change detection through remote sensing technique. A case study of Ahmadabad-Mumbai costal streach, India. 'Lambert Academic Publication', 2013
2	Maya Kumari, Spatio-temporal assessment of land degradation pattern. 'Lambert Academic Publication', 2013
3	Richa Sharma, Climate Change Analysis in India: Exploring a regional picture. 'Lambert Academic Publication', 2014

Book Chapter

1	Vartika Singh, P Dev, "Disastrous aspects of earthquake events in Indian scenario – comments on the management strategy", book name – "Environmental Management", Daya Publishing House, Chapter 13, ISBN 978-81-7035-822-0 pp 103-114, 2013
2	Vartika Singh, P. Dev, "Remote sensing and geographic information system application in reflection of air pollution environment during a decade span in vicinity of Deharadun, Utrakhand.", book name- "Environmental Technology", Daya Publishing House, Chapter 12, ISBN No 9788170358237 , pp 111-126, 2013

Book

1	Shivangi Sombansi, Maya Kumari, , An Introduction to Remote Sensing and Its Applications, Kataria Sons publication ISBN 978-81-906919-0-0, 2014.
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Evaluative Report (Amity Institute of Geo-Informatics and Remote Sensing)

1. **Name of the Department**
Amity Institute of Geo-Informatics and Remote Sensing (AIGIRS)
2. **Year of establishment**
2011
3. **Is the Institution / Department is part of a School/Faculty of the university?**
It is an Institute of the Amity University.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.)**
Response
UG
 i) BSc (Geoinformatics)
PG
 ii) M. Tech (Geoinformatics & Remote Sensing)
 iii) MSc (GIS & Remote Sensing)
 iv) MSc Applied Geology
 PG Diploma in GIS & Remote Sensing
 v) Certificate Course in in GIS & Remote Sensing
Ph.D
 vi) Ph.D in (Geoinformatics & Remote Sensing) F/T
 vii) Ph.D in (Geoinformatics & Remote Sensing) P/T
5. **Interdisciplinary programmes and departments involved**
Response
 i) Amity School of Architecture and Planning
 ii) Amity SSB Academy
 iii) Amity Institute of Environment Sciences (AIES)
 iv) Amity School of Natural Resources and Sustainable Development (ASNRS D)
 v) Amity School of Engineering and Technology (ASET)
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**
Response
 i) 'Red' training organised in Lab of AIGIRS
 ii) Training and Dissertation of students organised by Central Informatics Organization, Kingdom of Bahrain
 iii) Training and Dissertation of students organised by ADCC Infocad, Nagpur
 iv) Training and Dissertation of students organised by DTRL, DRDO, Delhi
 v) Training and Dissertation of students organised by Risk Management and Solution Institute Noida
7. **Details of programmes discontinued, if any, with reasons**
Response

No programme has been discontinued.

8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System Semester**

Response

Semester System and Choice Based Credit System is followed in programmes.

9. **Participation of the department in the courses offered by other departments / institutions**

Response

Response: AIGIRS participates in all Geographical Information System (GIS) and Remote Sensing (RS) activities conducted by other departments of AU.

S. No	Course Type	Course Title	Institute
1	Domain Elective	Wild Life Conservation Science (WILD648)	Amity Institute of Wildlife Science (AIWS)
2	Specialisation Elective	Geoinformatics in Agriculture and Forestry (GST722) Geoinformatics in Environmental Science and Management (GST732)	Amity School of Natural Resources and Sustainable Development (ASNRSD)

10. **Number of teaching posts sanctioned, filled and actual (Professors / Associate Professors / Assistant Professors / Others)**

Response

Designation	Sanctioned	Filled	Actual including CAS & MPS
Director	1	1	1
Professor	1	1	1
Associate Professors	1	1	1
Asst. Professors	3	3	3

11. Faculty Profile with name, qualification, designation, area of specialization, experience and research under guidance

Response

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Madhulika Singh	Ph.D.	Director	i) Land Use Mapping ii) Urban and Rural Planning iii) Transport Routing and Environmental Study iv) Environmental Applications, Assessment and Profile Sensing v) Environmental Heritage vi) Forest Survey, Forest Sector Development, Forest Inventory Mapping and Greenbelt Mapping: vii) Agricultural Crop Area Assessment viii) Coastal Zone Management and	30	2

			Conservation ix) Arid Zone Analysis x) Water Resources xi) River Basin Assessment xii) Resource Survey		
Dr. S. M. Veerabhadrapa	Ph.D	Professor	i)Hydrogeology ii)Terrain Evaluation iii)Petrology iv)Disaster Mapping & Management v)Remote Sensing and GIS	33	4
Dr. NG Roy	PH.D	Associate Professor	i)Sedimentology; ii) Petroleum Geology;iii) Water Recourse Management; iv)Sequence Stratigraphy v)Geo statistics	9	
Dr. Prafull Singh	Ph.D	Asst. Prof. II	i)Water Resources Assessment & Management using Remote Sensing, GIS and Geophysical method ii)Management of Aquifer Recharge and Watershed Modeling iii)Landslide and Flood Hazard Zonation Mapping iv)GIS and Remote Sensing in Public Health v) Remote Sensing and GIS in Climate	8	8

			Change Studies		
Dr. Swagata Ghosh	Ph.D	Asst. Prof-	1. Application of Remote Sensing and GIS in (a) Snow and Glacier Studies (b) Urban Growth monitoring (c) Landuse-Landcover Change Analysis (d) climate change analysis (e) Landslide Hazard monitoring (f) Surface temperature Change analysis using thermal band	Teaching + Research experience 1 year 5 months Post doctoral research experience (IIT Bombay) 1 year 3 months	
Dr. Deepak Kumar	Ph.D	Asst. Prof.	i) Remote Sensing and GIS; ii) Regional Planning; iii) Image Processing; iv) Planetary sciences; v) Geo-Computations	1 year 10 months	

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors.**

Response

	Senior Visiting Fellow		Adjunct Faculty		Emeritus Professors	
	Name	Designation	Name	Designation	Name	Designation
	Dr. SN. Das	Senior Visiting Fellow Advisor	Dr. Sidharth Soni	Professor Dean (R&D) & Professor in Civil Engineering at SGSITS Indore, MP	Prof. AL Aggarwal	Emeritus Professor

13 Percentage of classes taken by temporary faculty – programme-wise information

Response

Percentage	Program	Course	Code
8%	MSc and M.Tech Batch 2014-16	Spatial Data analysis and Modelling	GST 701
8%	B.Sc(GI) Batch 2015-18 Sem - I	Basics in Computer	GST 102
8%	B.Sc(GI) Batch 2015-18 Sem II	Geostatistical Concepts	GST 108

14 Programme-wise Student Teacher Ratio

Response

#	Programme Name	Student Teacher Ratio
1	M.Sc.(GIS-RS), M.Tech.(GI-RS), M.Sc(AG), B.Sc.(GI)	1:13 (combined)

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	2	2	2
administrative staff	2	2	2

16 Research thrust areas as recognized by major funding agencies

Response:

The Institute is conducting research on various aspects of earth resources mapping and monitoring using remote sensing, GIS and other field based techniques. The current topic of research entitled 'Assessment of Aquifer Vulnerability to Pollution in Lucknow Area, Using Integrated Approach' is funded by DST. This project was awarded to AIGIRS in the year 2014. Work is in progress.

#	Funding Agency	Research thrust area
	DST	Groundwater , Remote Sensing and GIS

AIGIRS has been in existence since 4 years only. It is a new Institute still under development and is awarded currently with one project.

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants

received project-wise

Response:

One ongoing project on groundwater pollution and Vulnerability mapping using GIS approach of Lucknow Area, funded by DST, Govt. of India-A National Project. The main objective of the project is to find out the area in Lucknow city vulnerable for groundwater pollution and contamination due to anthropogenic and natural causes and their zonation mapping using integrated approach.

No. of faculty – One

National funding agency - DST

Amount sanctioned by DST – Rs. 1940000

#	Project title	Number of faculty	Funding agencies	Grants received
1	Assessment of Aquifer Vulnerability to Pollution in Lucknow Area, Using Integrated Approach	1	DST	RS.1940000

18 Inter-institutional collaborative projects and associated grants received

Response:

AIGIRS has:

- i) One International collaboration with Central Informatics Organisation (CIO)- the hub of all government organisation of Kingdom of Bahrain.
- ii) One International collaboration with ADCC Infocad, Nagpur India

#	Level	Number	Grants received
a	International collaboration	1	The students are catered by the host institutions in terms of expenses of visa and training.
b	National collaboration	1	The students are catered by the host institutions in terms of expenses of stipend, lodging / boarding and training.

i) Students have commenced going to CIO, Kingdom of Bahrain for their dissertation work of Semester IV.

ii) Students have been employed as officers by ADCC Infocad after doing their dissertation with the same.

- 19 **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Response

Department name	Grants received.
AIGIRS-DST	Rs.1940000.00
Total Grant Received	Rs.1940000.00

Response: AIGIRS has been in existence since 4 years only. It is a new Institute still under development and is awarded currently with one project from DST.

- 20 **Research facility / centre**

Response: AIGIRS has the following lab activities for guiding the students for teaching and research work.

1. GIS Lab
2. Remote Sensing Lab
3. Groundwater Modelling Research Lab

Geological lab is in the process of development.

The GIS & Remote Sensing labs are equipped with :

- i) Satellite Image Processing
- ii) Photogrammetry and Cartography

Level	Name of Research facility / centre
State recognition	GIS and Remote Sensing Lab

- 21 **Special research laboratories sponsored by / created by industry or corporate bodies**

Response

Response: One research lab sponsored by DST has been established.

Groundwater Modeling Lab is established under the DST sponsored Project to Dr. Prafull Singh, Assistant Professor for conduction the research in the area of water resources and groundwater pollution modelling.

Industry or corporate bodies (Name)	Lab details
DST	Groundwater modelling Lab equipped with Geomatica Image Processing and GIS software and Garmin GPS Instrument.

22 Publications:

Response

Response: AIGIRS has published around 20 Research Papers on National and International Level. The research papers are all on Geology using GIS and Remote Sensing.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	16 - international 13- national
Chapters in Books	03
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	9
Citation Index – range / average	150 -15
Impact Factor – range / average	2-3
h-index	8

23 Details of patents and income generated.

Response: Currently AIGIRS has no scope for patents.

24 Areas of consultancy and income generated

Response:

AIGIRS is exploring the possibilities of consultancy. AIGIRS has been in existence since 4 years only. It is a new Institute still under development.

25 Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response

Faculty have been selected internationally and nationally to visit laboratories and institutions.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	Duration		National / International
				From	To	
1.	Dr. Madhulika Singh	Director	Amity Univrsity, Dubai	11 Dec 2016	13 Dec 2016	International
2	Dr. SM Veerabhadrapa	Professor	DTRL,DRDO, Delhi	8 Mar 2016	8 Mar 2016	National
3	Dr. Madhulika Singh	Director	SLUCI NOIDA	2014	2014	National
4	Dr. Prafull Singh	Asst. Professor	SLUCI NOIDA	2014	2014	National

26 Faculty serving:

Response:

The faculty members of AIGIRS have participated as experts/members in various International/national Committees.

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
a	National committees	Dr. Madhulika Singh	Director-AIGIRS	Expert	2 years
b	Editorial Boards	Dr. Madhulika Singh	Director-AIGIRS	Expert	1 year
c	International committees	Dr. Madhulika Singh	Director-AIGIRS	Expert	1 year
d	any other (please specify)	Dr. Prafull Singh	Assistant Professor	Member	1 year
e	National committees	SM Veera Bhadrappa	Professor	Expert	1 Year
f	International committees	NG Roy	Associate Prof	Member	1 Year

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Response:

NA#		Organised	Attended
a	Orientation programs	Amity University	Faculty members(2)
b	Workshops	Indian Institute of Remote Sensing-IIRS (Space Application Centre -SAC)	Faculty and students of M.Sc/M.Tech.
c	Training programs	Indian Institute of Remote Sensing-IIRS (Space Application Centre -SAC)	Faculty and students of M.Sc/M.Tech.
d	Similar programs (please specify) Field work and studies	AIGIRS	Faculty member and students of M.Sc.(Applied Geology))

28 Student projects :

Response

Students of AIGIRS are generally encouraged to join other organisations during their research projects/ dissertations phase in the IV Semester. This venture is aimed allowing the students exposure of outside world and environment other than Amity University.

Some of the students who are unable to join other organisations in India or abroad are taken up by AIGIRS for conducting in-house research.

percentage of students who have done in-house projects including inter-departmental projects	2%
percentage of students doing projects in collaboration with other universities / industry / institute	98%

29 Awards / recognitions received at the national and international level:

Received by Faculty:

Response

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1.	Dr. Prafull Singh	Asst. Professor-II	Awarded DST, Govt. of India project under SERB		National

30 Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response

S.No	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International	Outstanding Participants
1.	One-week compulsory training course on "Impact of Various Treaties, Conventions and International Institutions on Conservation and Management of Forests"	Training /Workshop	AUUP	Ministry of Environment and Forests, Government of India	26 IFS officers attended from all over India

2.	Three-day capacity building training “Monitoring, Management and Governance of Watersheds”	Training/ Workshop	AUUP	National Rainfed Area Authority, Planning Commission, Government of India	37 participants attended from all over India
3.	Development of Potential Master Training under JICA funded EAP Project on “Capacity Development for Forest Management and Training of Personnel” (ID-P199)	Training/ Workshop	AUUP	Ministry of Environment and Forests, Government of India	114 participants attended from all over India
4.	Two-day Training Workshop on “Climate Change Mitigation: Role of Forestry and Sinks Projects within the Clean Development Mechanism Framework” for Indian Forest Service (IFS) Officers	Training/ Workshop	AUUP	Ministry of Environment and Forests, Government of India	20 IFS officers attended from all over India
5.	One-week compulsory training course on “Development of Clean Development Mechanism Projects under Land Use, Land Use Change and Forestry: Theory and Practice and Their Relevance to Forestry Sector”	Training/ Workshop	AUUP	Ministry of Environment and Forests, Government of India	21 IFS officers attended from all over India
6.	Two-day Training Workshop on “Prevention, Control and	Training/ Workshop	AUUP	Ministry of Environment and Forests, Government	21 IFS officers attended from all

	Management of Forest Invasive Species - Strategies”			of India	over India
7.	Seven-Day Training Workshop on “Partnership for Land Use Science (Forest-PLUS) Program – Co-development of Remote Sensing Protocols for Forest Carbon Mapping”	Training/ Workshop	AUUP	USAID (Forest-PLUS) and Michigan State University, USA	17 participants attended from all over India
8.	Two-day national workshop on “Climate Change Impact, Mitigation, and Adaptation for a Sustainable Horticulture”	Training/ Workshop	AUUP	National Horticulture Mission, Ministry of Agriculture, Government of India	74 IFS officers attended from all over India
9.	One-week Compulsory Refresher Course on “Role of Agro-Forestry in Increasing Tree Cover”	Refresher Course	AUUP	Ministry of Environment, Forests and Climate Change, Government of India	26 IFS officers attended from all over India

31. Code of ethics for research followed by the departments

Response:

Stipulated code of ethics for research is being followed by AIGIRS.

G-58 3 G-581 POLICY GUIDELINES FOR PUBLICATION AND PRESENTATION OF RESEARCH AT SYMPOSIA/ MEETINGS/ CONFERENCES (In exercise of its powers conferred under the provisions of Section 6(a), 6(d),7(n),7(x) and 27 (2) (p) of the Amity University Uttar Pradesh Act, 2005 and Art. 20 of First Statutes, Amity University Uttar Pradesh, here by notifies these policy Guidelines). 1. Scope/Applicability of the Policy This policy applies to all AUUP faculty, staff and students involved in research activities. 2. Policy Statement Amity envisions emerging as a Centre of Excellence in research and innovation at national and global levels through comprehensive research endeavors to contribute to the mission of leading India to develop as a Knowledge Superpower. Amity aims to achieve the highest standards with regard to good research practices and the handling of potential scientific misconduct if any. The university promotes research and innovation in order to raise the research profile of its Researchers along with adding to the impact of University. Researchers of Amity University shall focus in publishing their papers in SCI, Scopus ,Thomson Reuters Indexed Journals. Researchers at Amity should strictly follow the conflicts of interests and general ethics involved in good research publications 3. Rationale While it is important to promote research and innovation at all levels at

the University, it is equally important to effectively disseminate the outcomes of such research at all levels. This will help to maximize the impact and recognition of research done at Amity, and enhance the research profile of the University at national and international levels.

4. Definitions

1. Authorship- An author is generally considered to be an individual who has made substantial intellectual/ practical contributions to a scientific investigation.

2. Lead Author- In the case of publications with multiple authors, one author 1 Guideline G-58 approved vide 14th Executive Council meeting held on 17th July 2015 {Item No. 14.25) G-58 4 should be designated as the lead author. The lead author assumes overall responsibility for the manuscript, and also often serves as the managerial and corresponding author, as well as providing a significant contribution to the research effort. A lead author is not necessarily the principal investigator or project leader. The lead author is responsible for Authorship, Approval of draft manuscript, integrity of the work as a whole, and ensuring that reasonable care and effort has been taken to determine that all the data are complete, accurate, and reasonably interpreted.

3. Authorship Order- The order of authors is a collective decision of the authors or study group. This policy does not address questions or disputes regarding the order of authorship on publications.

5. Policy Elaboration It is the mandate of the University to protect its Intellectual Property Rights (IPR). Hence, all research outcomes must be examined for IPR protection prior to their publication in any form in public domain, as detailed separately in Policy for Protection of Intellectual Property. To maintain the highest ethical standards while publication of any research material, the following have to be adhered to:

(i) **Originality:** All research material originating from Amity should be original and not plagiarized from any source. To ensure the same, all research material to be sent for publication should be checked for originality using appropriate plagiarism software that will be provided by the University to all its faculty, staff and students. The University may establish a central mechanism for checking Plagiarism for publication of PhD Thesis, Research papers, conference presentations etc.

(ii) **Authenticity:** It will be the responsibility of the researchers (faculty/staff/students) to ensure that all the results of their research that are to be published in any form are authentic, not manipulated in any form and can be reproduced under the conditions so defined by the researcher.

(iii) **Authorship:** It is the responsibility of the senior researcher in the group to ensure that due credit is given to individuals involved in the research activity, even if they are no longer associated with Amity when the research work is sent for publication. The role played by each individual for generation of the specific research findings being considered for publication must be clearly defined. The list of authors should accurately include individuals who have:

- Substantial contributions to conceptualization and design, or acquisition of data, or analysis and interpretation of data;
- Drafting/Revising the article for important intellectual content; and
- Preparation of the final version of the article to be published.

Further, it has to be ensured that persons are not provided undue credit during publication of research in which they have not been involved. Any disputes regarding authorship should be brought to the notice of the concerned Directorate, which will resolve such issues in a timely manner after considering the views of the aggrieved parties. The decision of the Directorate in this regard will be final and deemed to be binding to all the concerned parties. Any disputes of authorship arising after publication will be evaluated and looked into by the University DSI with immediate effect. The correction will be published if deemed appropriate.

(iv) **Acknowledgments:** All individuals, organizations and funding sources that have facilitated the conduct of research by providing infrastructure, intellectual, financial, secretarial and other forms of support must be acknowledged in publication of all research material. All articles should be communicated for publication following intimation to the Head of Department/Institution and the Directorate. It will be the responsibility of the researcher to ensure originality and authenticity of work submitted, appropriate inclusion of researchers as authors/coauthors, acknowledgements, and to regularly provide status updates to HOD/HOI and the Directorate regarding the status of any publication.

5.1 Publication in peer-reviewed journals: To ensure maximizing the impact of research

outcomes, it is important to publish novel research findings in peer-reviewed journals with high impact among the research community and indexed by global agencies like Scopus, Thomson Reuters, etc. All articles sent for publication in peer-reviewed journals must be checked for originality using appropriate anti-plagiarism software prior to its communication. The HOD/HOI will ensure the originality, as well as adherence to the various guidelines laid down by the publisher.

5.1.1 Original Articles: It is important to ensure that research work is published only once. It is the responsibility of the senior/corresponding author to ensure that the work being submitted for publication has not been published in whole or part elsewhere in any other language, or has been submitted elsewhere for publication. The work may be considered to be original if it has been presented at any Symposium/ Workshop/ G-58 6 Conference/ Meeting etc. Submissions containing material that have previously formed part of an academic thesis (UG/PG/PhD, etc) published according to the requirements of the institution awarding the qualification can also be considered.

5.1.2 Letters to Editor/Perspective: In case another research group publishes an article that is of great interest to the researcher, the researcher may send a letter to the editor of the said journal, expressing individual views on the article. These publications should strive to offer the importance of the published work, expected paradigm shift in the field, contradiction to the previous understanding of the subject, etc.

5.1.3. Review Articles: If a researcher feels that there have been rapid advances in a particular field that need to be reviewed, he/she may compile information available from published sources in form of an article. In such cases, however, care should be taken that the article reflects original writing, and significant portions are not borrowed from previously published work, even if it is from the researchers' own previous work. If it is important to borrow significantly from such literature, it should be duly acknowledged, and made clear to the editor at the time of submission of the article. In order to encourage the faculty/researcher/student to publish in peer reviewed, indexed journals with high impact factor, University may provide financial support to cover publication costs if any once the article has been accepted for publication.

5.2 Publication of Monographs/Books/Book Chapters: Eminent experts in the field are sometimes requested to contribute book chapters in edited books. They may also be invited to author monographs or books in their specific research areas. While it is a matter of prestige to be invited for such academic contributions, it is important that such activities are undertaken under intimation and express approval of the Directorate to ensure due recognition by the University. It is also to ensure that such activities are undertaken without adversely affecting the other roles and responsibilities of the researcher as may be assigned to the researcher from time to time. The researcher will take express, written permission from the University prior to entering into any form of agreement/contract with any outside entity for undertaking any such activity. The researcher will be required to inform the University of financial implications, if any.

5.3 Presentation of Research Findings at Symposia/Conferences: G-58 7

5.3.1 On Duty leave The researchers are encouraged to participate in national and international symposia, meetings conferences and similar platforms for sharing research outcomes, inviting comments and suggestions from peers in related fields on their ongoing research projects/activities, and forging collaborations with eminent researchers outside the University. However, participation in such activities should be undertaken with the prior approval of the University, and without affecting their core responsibilities at the University. For participation in such activities, the faculty/researchers are permitted to avail on-duty leave if they are undertaken at the times of breaks during student teaching activities. In case the participation is planned while the student classes are ongoing, the faculty/researcher has to: (i) Demonstrate the stature of the Meeting/Symposium/Conference where permission for participation is being sought (ii) Make alternate arrangements for scheduled classes to ensure students are not affected during the time they will be away (iii) Provide evidence regarding how the faculty/researcher plans to finance the participation in the Meeting/Symposium/Conference In case all the above criteria are met, the University may provide on-duty leave for participation in the

Meeting/Symposium/Conference. 5.3.2 Financial Support: To provide an impetus to the participation of faculty/researcher in Meeting/Symposium/Conference, University may provide some financial support based on the following criteria: (a) Funding support may be provided to cover 50% cost of participation cost. This cost will include all costs including registration, travel, boarding and lodging, etc. incurred during participation. (b) University may consider financial support for participation in one National event every year and one International event every two years. (c) University may consider the financial support for participation taking into account factors like the stature of the Meeting/Symposium/Conference, financial support sought from other funding agencies, the potential impact and benefit of participation in the Meeting/Symposium/Conference, etc. (d) Overall performance of the faculty/applicant may also be considered while deciding the financial support.

5.3.3 Responsibilities of the participant The responsibilities of the faculty/researcher taking part in any Meeting/Symposium/Conference or a similar forum outside AMITY include: (i) Seek permission from the University prior to applying for participation in any Meeting/Symposium/Conference or a similar forum outside AMITY (ii) Ensure it does not affect other responsibilities of the faculty/researcher at AMITY. (iii) Ensure adequate protection of IP before presenting in the conference/meeting/ symposium (iv) Provide a statement explaining how participation will enhance the research capability of the faculty/researcher, and will benefit AMITY (v) Provide the financial planning for participation (vi) Prominent display of Amity name, logo, brand in the presentation (vii) Submit a report within a week of return after participation, detailing the response to the presentation given, persons of eminence with whom interactions were conducted (with copies of visiting cards; if no visiting cards, contact details may be provided), other highlights, and future plan on how the faculty/researcher plans to take benefit from such participation. In exceptional cases, any of the above policy guidelines can be relaxed at the discretion of the University

32 Student profile programme-wise:

Response:

98 applications for M.Sc.(GIS & RS) MSc Applied Geology– Study programme of AIGIRS had been received out of which 55 students were selected.

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
				For MSc MTech (Combined) 2014-16, 2013-15 and 2012-14	
MSc 2016-18	98	24	31	90	78
MTech 2016-18	27	4	1		
BSc 2016-19	28	13	6		
PhD 2013 -16	5	4	1		

For Cohort of 2016-18-27 applications for M.Tech.(GI & RS) – Study programme of AIGIRS had been received out of which 05 students were selected and 2 joined.

For Cohort of 2016-18-90 applications for M.Sc.(GIS & RS) – Study programme of AIGIRS had been received out of which 35 students were selected and 30 joined.

28 applications for BSc.(GI) – Study programme of AIGIRS had been received out of which 19 students were selected.

33 Diversity of students

Response:

M. tech (GI-RS), M.Sc. (GIS-RS), M.Sc. (AG) and B. Sc. (GI) are from India.

Two students of M. Tech. are from AU and rest 86 are from different universities across the country.

MTech (GI-RS) (2012-16)

12% Students were from same university.

88% were from universities outside the State.

MSc (GIS-RS) (2012-16)

100% students were from outside the State.

MSc (AG) (2016)

100% students were from outside the State.

BSc (GI) (2015-16)

100% students were from outside the State.

34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response:

Some students have appeared for Civil Services and Defence Services examinations, NET, GATE and other competitive examinations. Results are awaited.

35 Student progression

Response:

As yet only 3 Cohorts have been passed out from AIGIRS.

Student progression to be established more effectively after 5 Cohorts have been passed out.

36 Diversity of staff

Response:

Five faculty have joined in 2012, 2014 2015 and 2016. All the faculty are from Universities from other States.

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

All faculties were Ph. D degree holders at the time of recruitment in AIGIRE-AUUP.

38 Present details of departmental infrastructural facilities

Response:

All faculty, staff and students have been provided with internet facilities. The classrooms and lab all have ICT facility.

A centralised system of Library exists in Amity University. All books pertaining to study programmes of AIGIRS i.e. UG, PG and Ph. D level are present in the Central Library- Amity University, UP

Library	Central Library
Internet facilities for staff and students	Yes (all have been provided)
Total number of class rooms	3
Class rooms with ICT facility	3
Students' laboratories	2
Research laboratories	1

39 List of doctoral, post-doctoral students and Research Associates

List of Ph. D Scholars in AIGIRS

S.No.	Name of the Scholar
1.	Shivangi Saxena
2.	Anindita Sarkar
3.	Abhishek Bannerjee
4.	Sushma Shastri
5.	D P Karmakar
6.	Gopal Krishna
7.	Ashwani Kumar
8.	Pradipika Verma
9.	Kunj Sachdeva
10.	Vijay Kumar Bhateja
11.	Ujjwal Sur
12.	Mr. Pramod Kumar
13.	Mr. Argha Basu
14.	Mr. Manuj Dev

-) Fourteen (14) scholars are pursuing Ph. D under the faculty of AIGIRS.
- i) Out of Fourteen (14) research scholars Eleven (11) scholars are from other institutions/Universities.
- ii) Three (3) scholars are from the host institution/university pursuing their Ph.D work
- v) So far there are no post-doctoral students and Research Associates

from the host institution/university	3 scholars of AUUP are pursuing their Ph.D. work
from other institutions/universities	13 Scholars are pursuing their Ph.D. work

40 Number of post graduate students getting financial assistance from the university.

Response:

One student is getting financial assistance from the university in terms of Merit Scholarship.

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Response:

Yes. Since GIS and RS are upcoming branches of state of art technology it was envisaged that the outgoing students shall find good opportunities of employment. Similarly Applied Geology shall give the students a much wanted basic subject studied and help in placement.

42 Does the department obtain feedback from stakeholders

Response:

Feedback of the faculty, students, Alumni and Employers have been continuously obtained and considered for the improvisation of the programs of AIGIRS.

The feedback of the students - on staff, curriculum and teaching-learning-evaluation has been considered for continuous improvement in the programs of AIGIRS.

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes. The feedback of the faculty has been incorporated for continuous improvisation of the curriculum.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes. The feedback of the students on staff, curriculum and teaching-learning-evaluation has been considered for continuous improvement in the programs of AIGIRS.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes. The feed backs are utilized for improvement in the programs of AIGIRS.

43 List the distinguished alumni of the department (maximum 10)

Response:

AIGIRS has only three cohorts' i.e.2012-14, 2013-15 and 2014-16 that have passed out, examples given below of distinguished alumni.

Passed out cohorts may need sufficient experience and expertise to attain distinguished posts.

Alumni have been invited to participate in AAB and BoS and provide their inputs.

#	Alumni Name	Programme Name	Pass-out Batch	Associated with (Organisation Name)	Designation
62.	Fazlul Wahid	MSc GIS-RS	2016	Data Engineering Kingdom of Bahrain	GIS and Photogrammetry Specialist
63.	Anil Kr. Rai	MSc GIS-RS	2016	Data Engineering Kingdom of Bahrain	GIS and Lidar Specialist

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

2012	2013	2014	2015	2016
1 Special Lecture by Dr. S N Das, Ex-Director, SLUCI	1 Special. Lecture Dr. S. Soni, Professor Dean (R&D) & Professor in Civil Engineering at SGSITS IINDORE	1 Special. Lecture Prof. AL Aggarwal (Ex Director Indian School of Mines Dhanbad.)	2 Special. Lecture Professor Arun Ahluwalia Ex-HoD Dept. of Geology, Chandigarh University Dr. SM Veerabhadrapa Ex Director, DTRL DRDO	1 Special. Lecture By group of NASA scientists.

45. List the teaching methods adopted by the faculty for different programmes.

Response:

S. No.	Short Description
1	L T P Problem Based Learning
2	Inquiry Based Learning methods
3	Problem Based Learning methods
4	Teaching Notes
5	Assignment Method
6	Presentations of Topical Interests
7	Review of Topical Interests
8	Lab based Learning

- 46 **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

Student Feed Back	Faculty Feed Back	Examination Results
Considered for effective monitoring and implementation of programme objectives and learning outcomes.	Considered for effective monitoring and implementation of programme objectives and learning outcomes.	Considered for effective monitoring.

- 47 **Highlight the participation of students and faculty in extension activities.**

Response:

Students of AIGIRS in 2012, 2013, 2014, 2015 and 2016 have been constantly taking part in extension activities like human values quarter activities such as - blood donation, sanitary habits, donation of money clothes etc. to victims of floods and earthquakes and other extra-curricular activities

- Blood donation by students of AIGIRS(Continuous activity carried out by AIGIRS from Batch to batch)
- Sanitary habits taught to inmates of village Raipur, Noida by students. (Continuous activity carried out by AIGIRS from Batch to batch)
- Students, faculty and staff of AIGIRS donated money and clothes to Earthquake victims of J & K
- Geological Field Work at Asola Bhati Gurugram

- 48 **Give details of “beyond syllabus scholarly activities” of the department.**

Response:

AIGIRS is exploring the more possibilities of beyond syllabus scholarly activities. AIGIRS has been in existence since 4 years only. It is a new Institute still under development.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	16 - international 13- national
Chapters in Books	03
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	9
Citation Index – range / average	150 -15
Impact Factor – range / average	2-3
h-index	8

- 49 **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response:

To be accredited shortly.

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response:

- i) Providing information and data on GIS and RS students.
- ii) Research and Publications in GIS and RS- 20 in No.

51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response:

AIGIRS imparts information on GIS and Remote Sensing to students. With students strength going AIGIRS requires more GIS and Remote Sensing software and computers.

#	Strengths
1	Providing information and data on Geographical Information System (GIS) and Remote Sensing (RS) to students.
2	Creation of Geographical Information System (GIS) and Remote Sensing (RS) Lab with 15 ESRI SW and 5 RS SW and 30 Computers
3	14 Ph. D. scholars with different problems using Geographical Information System (GIS) and Remote Sensing (RS)
4	5 Teaching Programs commenced in 3 years time in AIGIRS
5	Imparting GIS and RS education to Defence Services Personnel doing MTech and MSc programs of AIGIRS
#	Weaknesses
1	More SW licences of GIS and RS SW required for strength of student and Research Scholars growing per annum
2	More Labs required .

Response: AIGIRS has the opportunity of joining ERASMUS MUNDIUS and other International programmes

#	Opportunities
1	To join ERASMUS MUNDIUS
2	To send students for dissertations abroad
3	To organize collaborative research work with Universities abroad
4	To hold training of foreign students via MoU
5	To open another branch of AIGIRS in Gurgaon and Dubai Amity University

Response: To meet Global Standards of teaching and research.

#	Challenges
1	To meet Global Standards of teaching
2	To meet Global Standards of research
3	Research opportunities in the field of GIS and RS
4	To prepare students for jobs in Job Market in India and Abroad
5	To conduct large scale research projects in AIGIRS

52 Future plans of the department.

Response:

- i) To achieve Academic Excellence (Curriculum, Teaching-learning & Learning Resources)
- ii) To achieve Industry Interaction & Placement Excellence
- iii) To achieve targets of Faculty Development & Growth Strategies
- iv) To achieve targets of Research & Innovation Excellence
- v) To achieve more Outreach Strategies (Events, Workshops, Seminars etc.)
- vi) To achieve targets of Student Excellence Strategy.

Evaluative Report (Amity Institute of Wildlife Sciences)

1. **Name of the Department :**

Response:

Amity Institute of Wildlife Sciences

2. **Year of establishment :**

2013

3. **Is the Institution / Department is part of a School/Faculty of the University? :**

Response:

Yes, Science, Engineering & technology under Natural Resources & Environmental Sciences Domain.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :

Response:

M.Sc. Wildlife Sciences and PhD Wildlife Sciences

5. **Interdisciplinary programmes and departments involved :**

NIL

6. **Courses in collaboration with other universities, industries, foreign institutions, etc:**

NIL

7. **Details of programmes discontinued, if any, with reasons :**

NIL

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System : Semester/Choice Based Credit System:**

Response:

Semester and Choice Based Credit System:

9. **Participation of the department in the courses offered by other departments / institutions**

Response:

Domain Open Elective

Course Type	Course name	Department / Institution Name
Open elective	Wildlife Conservation Science	Amity Institute of Geo-Informatics and Remote Sensing/ Amity Institute of Environmental Science/ Amity Institute of Anthropology
Open elective	Bird Watching	Amity Institute of Geo-Informatics and Remote Sensing/ Amity Institute of Environmental Science/ Amity Institute of Anthropology/ Amity Institute of Biotechnology

Domain elective	Wildlife Forensics and Crime Control	Science and technology
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10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response:

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	1	1
Associate Professors	Nil	Nil	Nil
Asst. Professors	6	6	6
Others	Nil	Nil	Nil

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response:

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.P hil. students guided for the last 4 years
Dr. NPS Chauhan	PhD	Director	Animal Physiology	32	125
Dr. Randeep Singh	PhD	Assistant Professor	Animal Ecology and Conservation Biology	10	0
Dr. Mukesh Thakur	PhD	Assistant Professor	Conservation Genetics	09	0
Dr. Upamanyu Hore	PhD	Assistant Professor	Environmental Science and Wildlife Ecology	12	0
Mr. Puneet Pandey	M.Sc. NET	Assistant Professor	Wildlife Forensics and Conservation Genetics	06+	0
Dr. Janmejy Sathy	PhD	Assistant Professor	Animal Ecology and Conservation Biology	12	
Dr. C. Murali Krishna	PhD	Assistant Professor	Animal Ecology and Conservation Biology	06+	1

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

Response:

#	Senior Visiting Fellow	
	Name	Designation
1	Dr. Rahul Kaul	Senior Manager
2	Dr. Brig Kishor Gupta	Senior Scientific officer
3	Dr. Rishi Kumar Sharma	Landscape co-ordinator
4	Dr. Amit Kumar	Research Associate
5	Dr. Davender Kumar	Scientific officer

13. Percentage of classes taken by temporary faculty – programme-wise information

Response:

15%

14. Programme-wise Student Teacher Ratio

Response:

1:6

#	Programme Name	Student Teacher Ratio
1	M.Sc. Wildlife Sciences	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Response:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	1	1	1
academic support staff (technical)	1	1	0
administrative staff	0	0	0

16. Research thrust areas as recognized by major funding agencies

Response:

#	Funding Agency	Research Thrust Area
1	Panthera	Carnivore ecology
2	Department of Science and Technology	Conservation Genetics
3	Ministry of Environment and Forests	Primate Ecology

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise**

Response:

Faculty Name: Dr. Randeep Singh, International Funding-Panthera

Dr. Mukesh Thakur, National- DST

Dr. Upamanyu Hore, National-MOEF

Dr. N.P.S. Chauhan, National- RFRI, ICFRE

Ongoing Projects	Total Grants Received
National	74, 38,531.00
International funding	6,58,000.00
Total	74,49781.00

#	Project title	Number of faculty	Funding agencies	Grants received
1	Assessing the population status, ecology and conservation of caracal in the selected protected area of semi-arid habitat region of Rajasthan, India	1	Panthera	10,000 USD (INR = 6,58,000.00)
2	The project is designed to evaluate the current status and distribution of Cheer Pheasant in Himachal Pradesh and to examine the captive Cheer Pheasant population of Chail Pheasantry for the evaluation of genetic diversity, extent of inbreeding, population genetic structure and detection of any genetic bottleneck footprints, which could have a negative impact on the genetic makeup and adaptive fitness of the species in the subsequent generations.	1	DST, SERB	21, 75000.00
3	Study on Golden Langur, Trachypithecus geei threatened by habitat fragmentation in Assam, India	1	MOEF	24,41781.00
4	Study on "Effects of Habitat Fragmentation on Capped Langur in Assam	1	MOEF	21,21750.00
5	Preparation of Biodiversity Management Plan, Regional Wild life Plan and Carrying capacity Study for the Makum Coal fields in Assam	2	Rain Forest Research Institute	7,00,000.00

18. Inter-institutional collaborative projects and associated grants received

Response:

A collaboration has been made and projects are submitted for grants

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Response:

Department name	Grants received.
DST, SERB	21,75000.00
Total Grant Received	21,75000.00

20. Research facility / centre with

Response:

A research facility for advance wildlife research lab has been planned

21. Special research laboratories sponsored by / created by industry or corporate bodies

Response:

A research facility for wildlife forensic lab has been planned to strengthen the forest department and conservation agencies with the collaboration of national agencies

22. Publications:

Response:

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	52
Monographs	0
Chapters in Books	6
Citation Index – range / average	214
SJR (Scimago Journal Rank)	
Impact Factor – range / average	52.24
h-index	15

23. Details of patents and income generated

Response:

Till date patents have not submitted

24. Areas of consultancy and income generated

Response:

#	Name of Faculty member	Designation	Details of Consultancy assignment done by faculty			Role of Faculty member
			Organisation's Name	Year of commencement	Revenue generated (INR)	
1	Dr. NPS Chauhan	Director	Indian Council for Forest Education and Research	2016	1.00 Lakh	Principle Investigator
2	Dr. Randeep Singh	Assistant Professor	Panthera	2016	2.20 Lakh Instruments	Principle Investigator

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Response:

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	Duration		National / International
				From	To	
1	Dr. Mukesh Thakur	Assistant Professor	Kunming Institute of Zoology, Kunming China	30 May 2016	30 October 2016	International
2	Dr. Randeep Singh	Assistant Professor	Institute of Zoology, Beijing, China	29 August 2016	07 September 2016	International

26. Faculty serving in

Response:

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
a	National committees				
b	Editorial Boards	Dr. Randeep Singh	Assistant Professor	Associate Editor in Animal Conservation	4 years
		Dr. Janmejy Sethy	Assistant Professor	Journal of Wildlife Research	Life time
c	International committees	Dr. Janmejy Sethy	Assistant Professor	IUCN/Bear Specialist Group	3 years
d	any other (please specify)				

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response:

#		Organised	Attended
a	Refresher	Nil	Nil
b	Orientation programs	Nil	3
c	Workshops	26	1
d	Training programs	1	1
e	Similar programs (please specify)	1 (Conference)	Nil

28. **Student projects :**

Response:

percentage of students who have done in-house projects including inter-departmental projects	Summer Internship (8%)
percentage of students doing projects in collaboration with other universities / industry / institute	Summer Internship (92%)
Major project in collaboration with other universities / industry / institute	100%

29. **Awards / recognitions received at the national and international level:**

Received by Faculty:

S.N o.	Faculty Name	Description of Award / Recognition received	National / International
1	Dr. Mukesh Thakur	Young Scientist Visiting Associate Professor	National International
2	Dr. Randeep Singh	Best Presentation International Travel Grants (3)	National (DST) International
3	Mr. Puneet Pandey	KRW (Research grant) Teaching Grant (Idaho University) International Travel Grants (2)	International International National (DBT) National (DST)
4.	Dr. Upamanyu Hore	Chaturvedi Prize for Best Research Paper	National (ICFRE)
5.	Dr. Janmejaya Sethy	Dr. D.S. Kothari Postdoctoral Fellowship	UGC
6	Dr. C. Murali Krishna	International Travel Grant	SCB-Asia Charter

Received by Doctoral / Post doctoral fellows:

#	Fellow Name	Programme Name	Description of Award / Recognition received	National / International
1	Ms. Ishita Ganguly	PhD Wildlife Sciences	Small grant for research work on Rhesus Macaca ecology	National

Received by Students:

Students have submitted project for grants

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response:

Events organised at AUUP

Title of Event	Type of Event (Seminar / Conference / Workshop)	Source of funding National / International	Outstanding Participants
Impacts of Natural Disasters on Wildlife and Mitigation Strategies	Workshop	National Institute of Disaster Management (NIDM)	33
“Social and Anthropological Dimensions in Wildlife Conservation”	Workshop	Wildlife Trust of India (WTI)	33
“Issues Involved in Man-Animal Conflict – Strategies for Mitigation”	Workshop	Ministry of Environment and Forests and Climate Change, Government of India	16 IFS Officer 21 Student
Management of Urban Biodiversity: Issues, Challenges and Solutions	Workshop	Ministry of Environment and Forests and Climate Change, Government of India	22 IFS Officer
Young Ecologist Talk & Interact (YETI)	Conference	NCF-Bangalore	300 students
One-week compulsory training course on “Impact of Various Treaties, Conventions and International Institutions on Conservation and Management of Forests”	Training /Workshop	Ministry of Environment and Forests, Government of India	26 IFS officers attended from all over India
Three-day capacity building training “Monitoring, Management and Governance of Watersheds”	Training/ Workshop	National Rainfed Area Authority, Planning Commission, Government of India	37 participants attended from all over India

Development of Potential Master Training under JICA funded EAP Project on “Capacity Development for Forest Management and Training of Personnel” (ID-P199)	Training/ Workshop	Ministry of Environment and Forests, Government of India	114 participants attended from all over India
Three-day training programme for Members of Van Panchayats “Sustainable Income by Organic Farming, Export Promotion and Proper Marketing of NTFPs”	Training/ Workshop	Uttarakhand Forest Department, Gov. of Uttarakhand	40 IFS officers attended from all over India
Two-day Training Workshop on “Climate Change Mitigation: Role of Forestry and Sinks Projects within the Clean Development Mechanism Framework” for Indian Forest Service (IFS) Officers	Training/ Workshop	Ministry of Environment and Forests, Government of India	20 IFS officers attended from all over India
One-week compulsory training course on “Development of Clean Development Mechanism Projects under Land Use, Land Use Change and Forestry: Theory and Practice and Their Relevance to Forestry Sector”	Training/ Workshop	Ministry of Environment and Forests, Government of India	21 IFS officers attended from all over India
One-week compulsory training course on “Valuation of Ecosystem Services”	Training/ Workshop	Ministry of Environment and Forests, Government of India	25 IFS officers attended from all over India

Two-day training workshop on “Applicability of 73rd PESA Provision to Forests (Recent Constitutional Amendment) Conflicts Resolution and Need for Integration with JFM”	Training/ Workshop	Ministry of Environment and Forests, Government of India	24 IFS officers attended from all over India
Two-day National Seminar on “Marketing and Export of Bamboo and Its Products: System, Challenges and Potential”	Seminar	National Bamboo Mission, Ministry of Agriculture, GoI.Dev.Commissioner (Handicraft), Ministry of Textile, GoI. United Nations Industrial Development Organization, New Delhi; National Bank for Agriculture and Rural Development, Mumbai	52 participants attended from all over India
Two-day Training Workshop on “Prevention, Control and Management of Forest Invasive Species - Strategies”	Training/ Workshop	Ministry of Environment and Forests, Government of India	21 IFS officers attended from all over India
One-week compulsory training course on “Forest Certification and Effect on Timber and Handicraft Trade” for Indian Forest Service (IFS) Officers	Training/ Workshop	Ministry of Environment and Forests, Government of India	18 IFS officers attended from all over India
One-week compulsory training course on “Good Governance” for Indian Forest Service (IFS) Officers	Training/ Workshop	Ministry of Environment and Forests, Government of India	22 IFS officers attended from all over India

Seven-Day Training Workshop on “Partnership for Land Use Science (Forest-PLUS) Program – Co-development of Remote Sensing Protocols for Forest Carbon Mapping”	Training/ Workshop	USAID (Forest-PLUS) and Michigan State University, USA	17 participants attended from all over India
Two-day workshop on “Promotion of Handicrafts through R&D, and Linking Value Chains and Supply Chains: Awareness amongst Stakeholders”	Training/ Workshop	Dev. Commissioner (Handicrafts), Ministry of Textile, Government of India	Participants attended from all over India
Two-day training workshop on “Applicability of 73rd PESA Provision to Forests (Recent Constitutional Amendment) Conflicts Resolution and Need for Integration with JFM”	Training/ Workshop	Ministry of Environment, Forests and Climate Change, Government of India	10 IFS officers attended from all over India
Two-day national workshop on “Climate Change Impact, Mitigation, and Adaptation for a Sustainable Horticulture”	Training/ Workshop	National Horticulture Mission, Ministry of Agriculture, Government of India	74 IFS officers attended from all over India
One-week Compulsory Refresher Course on “Role of Agro-Forestry in Increasing Tree Cover”	Refresher Course	Ministry of Environment, Forests and Climate Change, Government of India	26 IFS officers attended from all over India
Two-day skill upgradation course for Indian Forest Service (IFS) Officers in Research and Technological Development in Forest Biotechnology, Nanotechnology and Agriculture	Skill upgradation Course	Indira Gandhi National Forest Academy, Government of India, Dehradun	23 IFS officers attended from all over India
Two-day workshop on “Traditional Knowledge	Training/	Dev. Commissioner (Handicrafts),	25 IFS officers

and Tribal Handicrafts	Workshop	Ministry of Textile, Government of India	attended from all over India
Two-day training workshop on “Forestry and Rural Development”	Training/ Workshop	Ministry of Environment, Forests and Climate Change, Government of India	20 IFS officers attended from all over India
One-week Professional Course “NGO Attachment) for Indian Forest Service (IFS) Probationers and Foreign trainees.	Skill Upgradation Course	Indira Gandhi National Forest Academy, Government of India, Dehradun	61 IFS officers attended from all over India

31. **Code of ethics for research followed by the departments**

Response:

AIWS follows the guidelines and the code of ethics of AUUP available on Amizone –

Institute follow the G-53 and G-58 University research policy guideline and have separate publication and presentation of research at symposia/meeting/ conferences policy guideline.

32. **Student profile programme-wise:**

Response:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
(refer to question no. 4)					
M.Sc. Wildlife Science -2014-2016	8	1	1		100%

33. Diversity of students

Response:

Name of the Programme (refer to questionno. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Wildlife Sciences (2015-2017)	0	16%	84%	0
M.Sc. Wildlife Sciences (2016-2018)	0	0	100%	0
PhD Wildlife Sciences	0	0	100%	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response:

Students have appeared in GATE exams

35. Student progression

Response:

Our Department is Just 3 years old, So we encourage the students to higher studies

36. Diversity of staff

Response:

None of our faculty have graduated from Amity university

Percentage of faculty who are graduates	
of the same university	0
from other universities within the State	0
from universities from other States from	100%
universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Response:

All the faculty members were PhD during recruitment only One faculty is pursuing PhD from other university in India.

38. **Present details of departmental infrastructural facilities with regard to**

Response:

Library	Central Library
Internet facilities for staff and students	Available to all
Total number of class rooms	2
Class rooms with ICT facility	0
Students' laboratories	Wildlife Research Lab, GIS lab,
Research laboratories	Biotechnology lab, Computer lab

39. **List of doctoral, post-doctoral students and Research Associates**

Response:

PhD Students

from the host institution/ university	8
from other institutions/ universities	0
Name	Enrolment #
Ms IshitaGanguly	A13765715001
Ms Mitul Tiwari	A13765715002
Mr ParteekBajwa	A13765716001
Ms. ShikhaChudhary	A13765716002
Mr. Sushanto Gouda	A13765716003
Ms. Natasha Sethi	A13765816003
Mr. Vinoy Krishna	A13765816001
Mr. SauranhVashisth	A13765816002
Mr. Rajneesh Diwadi	A13765817001

40. **Number of post graduate students getting financial assistance from the university.**

Response:

Nil

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response:

Yes, a feedback about course curriculum was collected by industries and academic experts.

42. Does the department obtain feedback from

Response:

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, Department incorporate the suggestions in the curriculum.
students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, Department incorporate the suggestions in the curriculum and try improve.
alumni and employers on the programmes offered and how does the department utilize the feedback?	The first alumni was recently passed, we will complied the feedback after six months.

43. List the distinguished alumni of the department (maximum 10)

Response:

1. Shudanta Sood (2014-2016)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response:

A visiting faculty cum experts delivered the lectures, students interact with them and again the latest knowledge in their field.

45. List the teaching methods adopted by the faculty for different programmes.

Response:

- Organized and planned lectures, power point lectures, facilitate the integration of content, problem based learning, case studies, prepare prototypes, assess and evaluate

SN	Program	Teaching methods
1	M.Sc. (Wildlife Sciences)	1. Audio – visual 2. Power-point 3. Educational Models 4. Field Study 5. Dissertation / Industrial Training 5. Experiments / Practical's
2	Ph.D. (Wildlife Sciences)	1. Audio – visual 2. Power-point 3. Educational Models 4. Field Study 5. Conference/Workshop/Seminar

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response:

Outcome Assessment:

The learning outcome assessment monitoring is more qualitative and focuses on improving teaching methods by analyzing student learning outcomes committee.

Quantitative approach is followed for doing the review of the program/discipline as a whole, assessing its effectiveness, relevance and student learning committee.

The learning outcome monitoring include aligning of domain mission to institutional mission and finally to the program objective. These broad goals are categorized in two categories namely educational goal and operational goal.

Mapping of Program Educational Objectives (PEOs) and Program Learning Outcome (PLOs):

PEOs and PLOs are linked through mapping of learning outcomes with established objectives.

Each outcome have an objective and achievement of the outcome indicates the attainment of the said objective.

Assessment of learning outcomes:

Each outcome is assessed by atleast one direct and one indirect method of evaluation. It is ensured that the outcome achieved is consistent with the objective and thereby with the mission at the institutional and domain level.

The result of the annual assessment and other relevant data are used to determine the effectiveness of the program during assessment of the learning outcomes.

Program Review:

Through program review we assess and overview the following criteria:

1. Students are learning the knowledge, skills and habits necessary to achieve program goals and objectives
2. The program goals are derived from the institution's mission.
3. The curriculum is coherent, current and consistent.
4. The instruction is acting as enabler to the students.
5. The requisite resources are adequate for student learning

The academic support services are adequate to facilitate student learning

47. Highlight the participation of students and faculty in extension activities.

Response:

Participation of faculty members in extension activities:

Our faculty members participate in the extension program human value organised by university

Participation of students in extension activities:

Our students members participate in the extension program human value organised by university

48. Give details of "beyond syllabus scholarly activities" of the department.

Response:

Our department used field movies to understand the concept

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response:

Our institute is just three years old but maintaining the required documents

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

We are in the process to develop tools for generating subject oriented knowledge

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response:

#	Strengths
1	Course curriculum
2	Faculty
3	Research and Teaching
4	Training
5	Field orientation
#	Weaknesses
1	Lack of international faculty
2	Less funded projects
3	Skilled enhancement course
4	International collaborative projects
5	Scope for technology transfer
#	Opportunities
1	Research and development
2	Government employment
3	Non government organisations
4	Teaching
5	Wildlife conservation and management
#	Challenges
1	Resource mobilization for research
2	Feedback Systems
3	Best Practices
4	Student Monitoring and support
5	IT infrastructure

52. **Future plans of the department.**

Response To strengthen the department toward research and innovation

1. To set up a wildlife consultancy.
2. Internationalisation of the institute.
3. Collaboration and MOU with other universities.
4. To increase the number of research publications, projects and awards.
5. To increase the admission rate for all the programmes.

Evaluative Report (Amity Institute for Environmental Toxicology, Safety and Management)

1. **Name of the Department:**
Amity Institute for Environmental Toxicology, Safety and Management (AIETSM)
2. Year of establishment: 2008
3. **Is the Institution / Department is part of a School/Faculty of the university?**
Response:
Natural Resources and Environmental Sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
Response: AIETSM offer Ph.D. program in Environmental Sciences
5. **Interdisciplinary programmes and departments involved:**
Response:
AIETSM does not have Interdisciplinary programmes
6. **Courses in collaboration with other universities, industries, foreign institutions, etc:**
Response:
AIETSM does not have any course in collaboration
7. **Details of programmes discontinued, if any, with reasons**
Response:
No program has been discontinued
8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System:**
Response:
AIETSM follows Semester, Choice Based Credit System
9. **Participation of the department in the courses offered by other departments / institutions:**
Response:
AIETSM offers Ph.D. program, hence, does not participate in the courses offered by other departments
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**
Response:

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	01	01	01
Associate Professors	00	00	
Asst. Professors	01	01	Resigned
Others	01	01	Technical Manager
	04	04	Scientific Assistant

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response:

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Prof. Tanu Jindal	Ph.D	Director	Ecotoxicology	15	2 Completed, 1 Submitted, 7 ongoing

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:**

Response:

AIETSM has one Emeritus Professor Dr. Jitendra Bihari and one Honorary Professor Dr. S.V. Eswaran

13. **Percentage of classes taken by temporary faculty – programme-wise information:**

Response:

AIETSM offers Ph.D. program, Classes are taken by AIETSM and AIES faculty

14. **Programme-wise Student Teacher Ratio:**

Response: 1:5

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Response:

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff	01	01	01
academic support staff (technical)	01	01	01
administrative staff	01	01	02

16. **Research thrust areas as recognized by major funding agencies**

Response:

#	Funding Agency	Research thrust area
10.	Department of Science and Technology	Environmental Toxicology – cause and effect-analysis of environmental contaminants (e.g. PAH's, PCB's, pesticides, Heavy metals, dioxins/dibenzofurans etc.) and their impact on eco-system (soil, water, air, flora and fauna)
11.	Ministry of earth sciences	Environmental toxicological studies and monitoring Safety and Management- Bio-remediation, site reclamation, environmental monitoring and data collection, waste water treatment, solid waste management, E- waste management technologies

12.	Department of Science and Technology	Water monitoring and risk assessment, Ground water contamination
13.	Department of Science and Technology	Radiation pollution, Impact of radiation on various organisms and biological systems
14.	Department of Science and Technology	Pesticide pollution and leaching studies
15.	Council of Scientific and Industrial research (CSIR)	Bioremediation and Bio hydrogen Production

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

Response:

Ongoing Projects	Total Grants Received
National	Rs/10078680
International funding	-
Total	Rs/10078680

AIETSM running three projects

#	Project title	Number of faculty	Funding agencies	Grants received
1	Development of a cost effective Lysimeter & method for leaching studies to estimate risk assessment of ground water contamination (2013)	1	DST	Rs/3815280
2	Mobile phone and tower exposure measurement and biological correlations (2014)	1	DST	Rs/5453400
3	Environmental toxicological studies and monitoring with NCAOR for estimation of POP's (2014)	1	MOES	4.5 crores Antarctic Expedition (Travel and logistic cost)
4.	Screening of indigenous heavy metal tolerant algal strains from recent Indian station Bharti, Antarctica for bioremediation and hydrogen production	1	CSIR	8,10,000

18. **Inter-institutional collaborative projects and associated grants received: AIETSM running three projects, has not any Inter-institutional collaborative projects Nil**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Response:

Department name	Grants received.
DST	13,17,400 + 10078680
MOES	56,31,900 +4.5 crores Antarctic Expedition (Travel and logistic cost)
MOEF	28,86,408
CSIR	8,10,000
Total Grant Received	19914388 + 4.5 crores Antarctic Expedition (Travel and logistic cost)

20. **Research facility / centre with: Wet and Instrumentation Lab has State recognition**

21. **Special research laboratories sponsored by / created by industry or corporate bodies**

Response:

Industry or corporate bodies (Name)	Lab details
Spectro Analytical Labs	Spectro Analytical Labs

22. **Publications:**

Response:

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	24
Monographs	0
Chapters in Books	4
Edited Books	2
Books with ISBN with details of publishers	2
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	6
Citation Index – range / average	<10
SNIP (Source Normalized : Impact per Person)	1.891
SJR (Scimago Journal Rank)	1.769
Impact Factor – range / average	4.301
h-index	18/15

23. Details of patents and income generated :

Response:

Faculty of AIETSM has filed 5 patent, however, so far no any income generated.

#	Patent Details
01	Jindal, Tanu. 2011. Assembly to measure volatilization and mineralization of xenobiotics. 1908/DEL/2009, filed September 15, 2009, and issued March 8, 2011
02	Jindal, Tanu. 2012. Low Cost Water Testing Kit. 2912/DEL/2012, filed August 7, 2012
03	Jindal, Tanu. 2012. Development of natural pesticides from plants with acetyl cholinesterase inhibitory activity. 3963/DEL/2012, filed December 20, 2012.
04	Jindal, Tanu. 2013. Simple Lab/Field Lysimeter. 353/DEL/2009, filed February 25, 2009, and issued February 8, 2013
05	Jindal, Tanu. 2013. Photochemical method for degradation of persistence pesticide. 592/DEL/2013, filed February 28, 2013

24. Areas of consultancy and income generated :

Response:

No income generated through consultancy

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Response:

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	National / International
1.	Prof. Tanu Jindal	Professor and Director	Shriram Institute for Industrial Research, Delhi	National
2.	Prof. Tanu Jindal	Professor and Director	Civil Engineering Department, IIT Delhi	National
3.	Prof. Tanu Jindal	Professor and Director	National Centre for Anatrctic and Ocean Research, Goa	National
4.	Dr. Abhishek Chauhan	Technical Manager	National Centre for Anatrctic and Ocean Research, Goa	National
	Prof. Tanu Jindal	Professor and Director	National Meeting, Boston, Massachusetts, USA	International
5	Prof. Tanu Jindal	Professor and Director	University Massachusetts	International
6.	Prof. Tanu Jindal	Professor and	Harvard University	International

		Director		
7.	Prof. Tanu Jindal	Professor and Director	University of Saakatchewan	International
8	Prof. Tanu Jindal	Professor and Director	University of York	International
9	Prof. Tanu Jindal	Professor and Director	University of Toronto	International
10	Prof. Tanu Jindal	Professor and Director	Banaras Hindu University (BHU)	National
11	Prof. Tanu Jindal	Professor and Director	Jawaharlal Nehru University	National
12	Prof. Tanu Jindal	Professor and Director	Maharishi Dayanand University	National

26. Faculty serving in

Response:

Faculty Name	Design.	Position in the Committee/ Board
National committees		
Prof. Tanu Jindal	Director	Executive Committee Member-STOX
Prof. Tanu Jindal	Director	Member- Group Research Coordination Committee (GRCC)
Prof. Tanu Jindal	Director	Nodal person for Amity Centre of Environmental Health
Prof. Tanu Jindal	Director	Indian Association of Microbiologists (AMI)-Life Member
Prof. Tanu Jindal	Director	Member of Society of Pesticide Science, India
Prof. Tanu Jindal	Director	Society of Toxicology (STOX), Life Member, India
Prof. Tanu Jindal	Director	Indian Science Congress (ISC), Life Member, India
Prof. Tanu Jindal	Director	Executive Member, Indian Network of Soil Contamination Research (INSCR)
Editorial Boards		
Prof. Tanu Jindal	Director	Editor-in-Chief Amity Journal of Energy and Environment Studies
Prof. Tanu Jindal	Director	Editor-Special issue (Environmental Toxicology and Chmeistry)

Dr. Abhishek Chauhan	Technical Manager	Editorial Board Member-American Journal of Current Microbiology
Dr. Abhishek Chauhan	Technical Manager	Editorial Board Member, American Journal of Food and Nutrition
International committees		
Prof. Tanu Jindal	Director	Member of Agrochemicals Division, American Chemical Society, USA

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response:

#		Organised	Attended
A	Refresher	1	1
B	Orientation programs	1	4
C	Workshops	11	25
D	Training programs	1	8
E	Similar programs (please specify)		

28. **Student projects :**

Response: Seven students have done in-house projects

29. **Awards / recognitions received at the national and international level:**

Response:

Received by Faculty nationally

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1	Prof. Tanu Jindal	Director	Scientist of the Year Award-2015	December 22, 2015	National
2	Prof. Tanu Jindal	Director	Environmentalism of the Year Award-2014	2014	National
3	Prof. Tanu Jindal	Director	Travel Grant	2013, 2014, 2015	International
4.	Dr. Abhishek Chauhan	Technical Manager	Young Scientist Award	October, 2013	National
5.	Dr. Abhishek Chauhan	Technical Manager	35 th Indian Scientific Expedition to Antarctica	Feb, 2016	National

Received by Doctoral / Post-doctoral fellows: 05

Received by Students:

#	Student's Name	Programme Name	Description of Award / Recognition	Date (receiving the award /	National / International
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			received	recognition	
01	Ashwani kumar	SRF	Travel award	2015	International
02	Khusboo Gulati	SRF	Travel award	2013	International
03	Anuj Ranjan	Scientific Assistant	34 th Indian Scientific Expedition to Antarctica	2015	National
04	Anuj Ranjan	Scientific Assistant	Agro Education Travel Award	2016	International
05	Shalini Thakur	Scientific Assistant	Agro Education Travel Award	2015	International

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response

#	Title of Event	Type of Event (Seminar / Conference / Workshop)	Location of Event	Source of funding National / International	Outstanding Participants
1	Air, Water and Soil: Pollution Prevention Paradigm	Workshop	Amity University	National	Dr. Prof. Tatiana Minkina, Department of Soil Science and Land Resources Estimation, Academy of Biology and Biotechnology, Southern Federal University, Russia Dr. Assoc. Prof. Svetlana Sushkova Academy of Biology and Biotechnology, Southern Federal University, Russia
2	UG EVS Faculty Development Programme for Environmental Sciences	Seminar	Amity University	National	Prof. Tanu Jindal and Faculty
3	World Environment Day "Air pollution, causes and prevention"	Workshop	Amity University	National	Prof. Tanu Jindal and Technical Officer from Enviro Tech, Delhi
4	Ozone Day Celebration under the theme	Seminar	Amity University	National	Ms. Chetali Kapoor, Project Manager, CMS/Research House,

	“30 years of healing the ozone together” supported by the slogan “Ozone: All there is between you and UV”				Delhi Ms. Preeti Kashyap from CMS Vatavaran
5	“Urban Agriculture: Turf, Ornamentals, Household products, and	Seminar	American Chemical Society	International	Prof. Tanu Jindal
6	Water-re-Use” and “Formulation Technologies for Improved Crop Protection”	Seminar	American Chemical Society	International	Prof. Tanu Jindal
7	Environment Day Celebration under the theme "Seven Billion Dreams. One Planet. Consume with Care"	Seminar	Amity University	National	Dr. B. Sen gupta Environmental Scientist-CPCB, Dr. Chirashree Ghosh, Assistant Prof. Delhi University
8	Earth Day Celebration under the theme “Water Wonderful World”	Seminar	Amity University	National	Dr. V.P. Upadhyay, Director, MOEF, Delhi
9	Water Day Celebration under the theme "Water and Sustainable Development”	Seminar	Amity University	National	Dr. R. K. Khanna, Former Chief Engineer, Central Water Commission
10	INBUSH(North Hampton) “Combating Pollution through Integrated Environmental Management”	Seminar	Amity University	National	Dr. Anjali Srivastava, Chief Scientist CSIR-NEERI Dr. R.B. Lal, Joint Director, MOEF, Delhi

	under the theme “Reengineering & Reinventing 4 Ms (Men, Machinery, Material, Money) for 5Ms (Manufacturing, Merging, Modifying, Multiplying and Managing Global Organizations)”				
11	Ozone Day Celebration under the theme 'Ozone Layer Protection: The Mission Goes On'	Seminar	Amity University	National	Dr. R.B. Lal, Joint Director, MOEF, Delhi
12	Earth and Environment, Pollution and Prevention	Workshop	Ministry of Earth Science	National	Dr. Shailesh Nayak, MOES, Delhi
13	Environment pollution, Soil Health & Sustainable Agriculture	Workshop	INSCR	National	Dr. S.S. Aggarawal, Vice President, INSA, Dr. D.L.N. Rao, Director, IISS, Bhopal
14	Pollution Prevention Paradigm	Seminar	Ministry of Earth Science	National	Dr. Rajesh Kapur, Scientist G, DBT Dr. S.K. Raja, Director, Institute of Pesticide Formulation Technology, Gurgaon

31. Code of ethics for research followed by the departments:

Response:

Code of Conduct, Ethics and Administrative Procedures are well established to ensure the fair practices in research. Policy guidelines are available for protection and valorisation of intellectual property generated during scientific pursuit in the University. No compromise is made with the quality of research. Faculty members and scholars are encouraged to undertake the research projects. All the undertaken researches are conducted as the guidelines / norm issued by the concerned agency.

Following Policy guidelines are available for publication and presentation of research:

- (4) Policy Guidelines (**G-53**) - University Research Policy
 (5) Policy Guidelines (**G-58**) for publication and presentation of research at symposia / meetings / conferences.

32. Student profile programme-wise:

Response:

Code of Conduct, Ethics and Administrative Procedures are well established to ensure the fair practices in research. Policy guidelines are available for protection and valorisation of intellectual property generated during scientific pursuit in the University. No compromise is made with the quality of research. Faculty members and scholars are encouraged to undertake the research projects. All the undertaken researches are conducted as the guidelines / norm issued by the concerned agency.

Following Policy guidelines are available for publication and presentation of research:

- (6) Policy Guidelines (**G-53**) - University Research Policy
 (7) Policy Guidelines (**G-58**) for publication and presentation of research at symposia / meetings / conferences.

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Ph.D.	10	06	4	100%	100%

33. Diversity of students

Response:

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Ph.D.	Nil	25%	75%	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response:

AIETSM has less number of students, One student selected for Soil Conservation department, U.P. Govt.

35. Student progression:

Response: Two students awarded Ph.D. degree, two students have submitted their thesis, all are involved in research at AIETSM

36. Diversity of staff:

Response:

AIETSM has one faculty who is graduated from universities from other States

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

Response:

All faculty are Ph.D. qualified

38. **Present details of departmental infrastructural facilities with regard to**

Response:

AIETSM has good internet facility, students, faculty regularly access university central library, AIETSM has one class room and Microbiology Lab, Wet lab, Instrumentation lab, Bimolecular toxicology, Electromagnetic radiation lab.

39. **List of doctoral, post-doctoral students and Research Associates :**

Response:

from the host institution/university	1
from other institutions/universities	8

40. **Number of post graduate students getting financial assistance from the university.**

Response:

AIETSM offers Ph.D. program, does not have post graduate students

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response:

AIETSM offers Ph.D. program.

42. **Does the department obtain feedback from**

Response:

AIETSM offers Ph.D. program, hence institute individually does not utilize the feedback

43. **List the distinguished alumni of the department (maximum 10)**

Response:

Two Ph. D alumni, associated in research at AIETSM

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Response:

S.No.	Name of the Institution	Event Category	Title/Theme	Level
1	AIETSM & AIES	Workshop	Air, Water and Soil: Pollution Prevention Paradigm	National

2	AIETSM & AIES	Seminar	UG EVS Faculty Development Programme for Environmental Sciences	National
3	AIETSM & AIES	Workshop	World Environment Day “Air pollution, causes and prevention	National
4	AIETSM & AIES	Seminar	INBUSH(North Hampton)	National
5	AIETSM & AIES	Seminar	Water Day	National
6	AIETSM & AIES	Seminar	Earth Day	National
7	AIETSM & AIES	Seminar	Environment Day	National
8	AIETSM & AIES	Seminar	Ozone Day	National
9	AIETSM & AIES	Conference	Earth and Environment: Pollution and Prevention (EEPP-2014)	National
10	AIETSM & AIES	Conference	Environmental Pollution, Soil Health and Sustainable Agriculture” (Envirosoil-2013)	National
11	AIETSM & AIES	Seminar	Ozone Day	National
12	AIETSM & AIES	Work Shop	Pollution Prevention Paradigm	National

45. **List the teaching methods adopted by the faculty for different programmes.**

Response:

.Organized and planned lectures, power point lectures, facilitate the integration of content, problem based learning, case studies, prepare prototypes, assess and evaluate

Ph.D. (Environmental Sciences)

1. Audio – visual
2. Power-point
3. Educational Models
4. Field Study
5. Conference/Workshop/Seminar

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Response:

(Question is NA as there on UG PG Programme)

47. **Highlight the participation of students and faculty in extension activities.**

Participation of faculty members in extension activities:

Participation of students in extension activities:

Response:

Promotion of Bicycle Use As Modest Means of Transport- An Awareness Campaign for Students and Youth

48. **Give details of “beyond syllabus scholarly activities” of the department. Publications (Research paper, review paper, article, extended abstracts, book chapters, book abstracts, edited books and text book), patents, research projects, national and international conference, workshop, awareness program etc.**

Response

Faculty Name	Scholarly & Professional Activities, Past Four Years
Prof. Tanu Jindal	Professional Activities Indian Association Of Microbiologists (Ami)-Life Member Member Of Society Of Pesticide Science, India– Life Member Member Of Agrochemicals Division, American Chemical Society, Usa Society Of Toxicology (Stox), Life Member, India Indian Science Congress (Isc), Life Member, India Executive Member, Indian Network Of Soil Contamination Research (Inscr) Member Of Frc, Bos, Drc, Naac, Wasc Member- Group Research Coordination Committee (Grcc) Nodal Person For Amity Centre Of Environmental Health
Dr. Abhishek Chauhan	Member: Association of Microbiologists of India, The Indian Science Congress Association, India. Society for Plant Research India. Member- Associate Editorial Board (AsEB) Member of the American Journal of Current Microbiology. Scientific member: XXXV Indian Scientific Expedition to Antarctica

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Response:

Institute is not separately accredited however, University is accredited by several national and international accreditation and certification bodies

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response:

Research projects writing and Execution, Scientific Data generation, publications and patents.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Response:

#	Strengths
1	Research projects submission and successful execution
2	Publications in Peer reviewed journals (National/International)
3	Patents
4	International network of collaborations
5	Competent committed and self-motivated team of researchers and supporting staff
#	Weaknesses
1	Less number of students
#	Opportunities
1	International collaboration will provide the participants with access to foreign researchers
2	Providing opportunities for achieving excellence
3	Availability of external funding to pursue and sustain the initiative
4	Accelerating inter or multidisciplinary research
5	Availability of expertise
#	Challenges
1	Large differences in expectations of the participants towards transnational cooperation.
2	Exodus of brilliant brains to abroad and other organization.
3	Getting researcher with NET/GATE fellowship.
4	Designation & Promotion criteria of scientist/Staff.

52. **Future plans of the department.**

Response:

1. Collaboration and MOU with other universities ,
2. More number of Research projects,
3. Good no. of Publications in peer reviewed scopus indexed journal with high impacts
4. Patents and Technology Transfer

Evaluative Report (Amity Institute of Organic Agriculture)

1. **Name of the Department**
Amity Institute of Organic Agriculture
2. **Year of establishment**
2005
3. **Is the Institution / Department is part of a School/Faculty of the university?**
Response
Yes it is the part of Faculty of Engineering Science & Technology under domain of Agriculture sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)**
Response
PG- MBA (Agri & Food Business),
M.Sc (Agri) Agronomy
UG- B.Sc (Agri & Food Business)
Doctoral – PhD (Agriculture)
5. **Interdisciplinary programmes and departments involved**
None
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**
Response
PhD(Agriculture) Part Time is collaborated under the MOU with ICAR
MBA(A&FB) and B.Sc(A&FB) is collaborated with University of Toulouse's , El Purpan for student Exchange Program
7. **Details of programmes discontinued, if any, with reasons**
None
8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System**
Response
A) Semester
B)Choice Based Credit System
9. **Participation of the department in the courses offered by other departments / institutions**

Response

Undergraduate and Post Graduate Students opt for different courses under the choice based credit system offered by AIFT and AIB.

#	Department / Institution Name	Course name
1	Amity Institute of Biotechnology	Basic Genetics
2	Amity Institute of Food Technology	Food Beverages

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)

Response

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor	1	Nil	Nil
Associate Professors	2	Nil	Nil
Asst. Professors	6	7	7
Others	N.A	N.A	N.A

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Response

Name	Qualification	Designation	Specialization	Yrs of Exp.	Ph../M.Phil.
Dr. Naleeni Ramawat	PhD (Agronomy)	A.P – II	Agronomy	10.5	1
Ms. Beila Sehdev	MBA (Finance)	A.P – II	Finance	19	Nil
Dr. Renu Yadav	PhD (Botany)	A.P – II	Botany	10	Nil
Mr. Abhishake Shukla	PGDBA (Finance)	A.P – II	Finance	12	Nil
Ms. Sneha Ghai	MBA (Agri & FBM)	A.P - I	Agri and Food Business	6.5	Nil
Mr. Aditya Kumar Verma	M.S. (Soil Science)	A.P	Soil Science	3	Nil
Dr. Shalini Singh (Part Time)	PhD (Plant Pathology)	A.P	Plant Pathology	5	Nil
Dr. Sangeeta Pandey	PhD (Agriculture Microbiology)	A.P -I	Agricultural Microbiology	5	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

#	Senior Visiting Fellow		Adjunct Faculty		Emeritus Professors	
	Name	Designation	Name	Designation	Name	Designation
1	Dr. Vijay Bhardwaj	Director, Bio-Atlantis Ltd.	NA	NA	Dr. Kuldeep Singh	Emeritus Professor
2	Mr. Prashant Reddy	Trader, ADM Agri Industries India Pvt. Ltd.	NA	NA	NA	NA

13. Percentage of classes taken by temporary faculty – programme-wise information
One course (0.2%) , Food Export Import Management , MBA (A&FB)

14. Programme-wise Student Teacher Ratio
Response

#	Programme Name	Student Teacher Ratio
1	B.Sc. (A&FB)	16 :1
2	MBA (A&FB)	3:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
Response

Non Teaching Staff	Sanctioned	Filled	Actual
Academic support staff	1	Nil	Nil
Academic support staff (technical)	1	Nil	1 (Lab technical staff)
Administrative staff	1	Nil	1 (Farm Supervisor)

16. Research thrust areas as recognized by major funding agencies
Response

The department lays emphasis in the areas of Organic Agriculture, Bio fortification, Sustainable Agriculture as is evident by the on-going research projects.

#	Funding Agency	Research thrust area
1	BIRAC DBT	Bio fortification
2	DST SEED	Agronomic Biofortification

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise
Response

Ongoing Projects		Total Grants Received		
National		Rs. 61,00,000 Lacs (2 Projects)		
International funding		NA		
Total		Rs. 61,00,000 Lacs		
#	Project title	# of faculty	Funding agencies	Grants received
1	Agronomic Biofortification of rice and wheat crop with zinc fertilization	1	DST SEED	Rs. 13.44 Lakhs
2	Novel approach to reduce zinc malnutrition in rural women and children through agronomic bio fortification of food crops	1	BIRAC-DBT	Rs. 48.42 Lakhs

The total grant received is in the name of Amity Centre for Soil Science and Dr. Naleeni Ramawat is serving as a Co-PI in both the aforementioned projects with Dr. Kuldeep Sing as the PI.

18. Inter-institutional collaborative projects and associated grants received
Response

#	Level	Number	Grants received
a	National collaboration	Same as above	Same as above
b	International collaboration	NA	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :Nil

20. Research facility / centre with : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

Response

The faculty members have been guided and motivated thoroughly to publish quality papers in journals of repute. They have published papers in peer reviewed journals and have published 4 chapters in edited books. In addition, the faculty members also have published conference papers as proceedings / edited book chapters.

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	Thirteen (13)
Monographs	Nil
Chapters in Books	4
Edited Books	01
Books with ISBN with details of publishers	Nil
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	04
Citation Index – range / average	1-5
SNIP (Source Normalized : Impact per Person)	Nil
SJR (Schmago Journal Rank)	Nil
Impact Factor – range / average	1-5

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :** Nil

26. **Faculty serving in**

Response

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board	Tenure
a	National committees Organic Agriculture Society of India	Dr. Naleeni Ramawat	AP-II	Member	Lifetime
	Society for Science & Social development	Dr. Renu Yadav	AP-II	Joint Secretary	5 Years
b	Editorial Boards	Nil	Nil	Nil	Nil
c	International committees	Nil	Nil	Nil	Nil
d	any other (please specify) Journal of Organic System	Dr. Naleeni Ramawat	AP-II	Reviewer	

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response

Faculty members participate in workshops and training programs to enhance their skills and knowledge and to get hands-on experience on several techniques and instruments:

#		Organised	Attended
a	Refresher	Nil	Nil
b	Orientation programs	Nil	4
c	Workshops	Nil	1
d	Training programs	Nil	2
e	Similar programs (please specify)	Nil	Nil

28. **Student projects :**

Response

MBA (A&FB) students of 2014-16 batch and B.Sc. (A&B) students of 2013-17 batch have successfully completed in-house projects and projects outside their institution. Students of B.Sc (A&FB) 2014-18 batch have completed projects outside their institution and will pursue in-house projects in the coming odd semester.

percentage of students who have done in-house projects including inter-departmental projects	MBA (2014-16)	MBA (2015-17)	B.Sc (2015-19)	B.Sc (2014-18)	B.Sc (2013-17)
	Nil	20%	90%	100%	100%
percentage of students doing projects in collaboration with other universities / industry / institute	100%	80%	10%	80%	70%

29. **Awards / recognitions received at the national and international level:**

Response

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1.	Dr. Kuldeep Singh and Dr. Naleeni Ramawat	Acting Head, AIOA	BIRAC-Grand India challenges Award by Bills and Melanda Gates Foundation.	March 2014	National
2.	Dr. Naleeni Ramawat	Acting Head, AIOA	Best Paper Presentation on title “Organic Agriculture : A Panacea for Soil Sustainability “ at National Conference on Environment Pollution , Soil Health and Sustainable Agriculture	Jan 15-17 2013	National

The students of B.Sc. (A&FB) 2013-17 batch received the award for Best Poster presentation during the 1st National Agricultural Research and Innovation Conference entitled “Balanced Fertilization: A key to food security and food sustainability” at Amity University.

30. **Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Response

The department organized its 1st National Agricultural Research and Innovation Conference (AGRICON) on February 2015 in association with KRIBHCO. The conference was a great success with lots of useful inputs by academicians, scientists, industrialists and research scholars who gathered from all over the country.

Conferences organised at AUUP Campus:

#	Title of Event	Duration of Event	Source of funding	Outstanding Participants
1	National Agricultural Research & Innovation Conference on “Balanced Fertilization: A Key to Food Security and Environmental	24 Feb’16 to 25 Feb’16	National	IGNOU , IARI , VC-SKAUST ,IRRI,ISSRI Lucknow ,BHU ,SVPATU –Meerut , IISS ,Bhopal

	Sustainability			
2	South Asia & Human Health Summit	26 Nov'15 to 27 Nov'15	National	Indian Potash Limited, FAI, CCSHAU, IARI, IISS, CIMMYT

31. Code of ethics for research followed by the departments

Response

a) The institution follows the University Guidelines G-53 (University Research Policy Guidelines) and G-58 (Policy Guidelines for Publication and Presentation of Research at Symposia/Meetings/Conferences).

32. Student profile programme-wise: (M.Sc & PhD)

Response

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2015-16					
MBA (A&FB)	18	8	2	100%	100%
B.Sc.(A&FB)	289	75	46	100%	100%

Since the inception of the department in 2005, it has seen a continuous increase in the number of applicants. The department aims to admit students who have keen interest in their area of study and show good pre-requisite knowledge, as is evident by the pass percentage.

33. Diversity of students

Response

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA (A&FB)	0	20	80	-
B.Sc.(A&FB)	0	17.5	82.5	-
M.Sc(Agri)Agronomy	40	20	60	20

The department has a great amalgamation of students from all over the country as well as international students. This rich diversity gives students an excellent exposure to enhance their personality.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Response

Cleared Examinations	Number of students
GRE	1
SNAP TEST	1
MAT	1

35. **Student progression**

Response

Student progression	2015	2016
UG to PG	20%	-
Employed: Campus selection	35%	43%
Entrepreneurs	20%	-

36. **Diversity of staff**

Response

The department has a diverse group of faculty members which gives students a decent exposure to enhance their knowledge and skills.

Percentage of faculty who are graduates	# of Faculty.
of the same university	1
from other universities within the State	1
from universities from other States	6
universities outside the country	1

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

Response

Nil , Two faculties have enrolled with PhD (Management) program in Jan 2015 and Jan 2016 Batch with Amity Business School, Noida.

38. **Present details of departmental infrastructural facilities with regard to**

Response

Library	Merged with Central Library
Internet facilities for staff and students	Campus Wi-Fi
Total number of class rooms	Five
Class rooms with ICT facility	One , LCD for presentation
Students' laboratories	One
Research laboratories	Nil

39. **List of doctoral, post-doctoral students and Research Associates**

Response

from the host institution/university	Two
from other institutions/universities	8 (IARI)

40. **Number of post graduate students getting financial assistance from the university : Nil**

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Response

Yes feedback from UG was taken that they want to undergo Master's programme (M.Sc Agronomy) in Agriculture , then Area Advisory Board was conducted and the comments were further taken to BOS ,henceforth the programme was approved by Academic Council

42. **Does the department obtain feedback from**

Response

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Faculty members are involved in various committees like PRC, AAB , IQAC , DRC etc.,. Also Feedbacks is from Industry and Faculties from other Universities, then it is further discussed in Area Advisory Board, followed by BOS & then the inputs are incorporated in the curriculum after getting approval from Academic Council.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Taking Faculty Feedback from students twice a semester through Amizone regarding the curriculum & teaching evaluation on Amizone. Giving feedback to concerned course faculty for necessary improvements. Also the feedbacks are taken through CR Meetings, Mentor-Mentee meetings. Analyse the feedback and share the same with faculty for corrective measures and preparing action plan in IQAC. Also the feedback can be utilized to find Training Need Analysis, course Curriculum up gradation and Course planning

Alumni and employers on the programmes offered and how does the department utilize the feedback?	Alumni feedback is taken during Convocation and events like Industry Academia Meet , they are also called for Industry Guest lectures etc.
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43. List the distinguished alumni of the department (maximum 10)

Response

#	Alumni Name	Programme Name	Pass-out Batch	Designation
64.	Ms. Jayati Bhatnagar	MBA(A&FB)	2015	Partner, Organic Dairy

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Response

Guest Lectures based upon Agriculture and Food Business and Industry Visits are planned and are conducted on a regular basis on career planning and industry expectations from Young Agri & Food Business Professionals.

2011-12	2012-13	2013-14	2014-15	2015-16
5	5	5	5	5

45. List the teaching methods adopted by the faculty for different programmes.

Response

Role Plays, Case based lectures, Quiz & extempore for majorly all the courses of MBA (A&FB), lab based Experiential Learning, Field work , use of Information and Communication Technology in B.Sc(A&FB) , Questionnaire and Survey Based Learning in course of Research Methodology etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Response

PEO's are mapped with PLO's ,also to measure the performance of PLO's ,performance indicators or rubrics are made which are direct / indirect method of assessment (Ex: Comprehensive Exam , Student Exit Survey etc.)

47. **Highlight the participation of students and faculty in extension activities.**

Response

Participation of faculty members in extension activities:

#	Name of Faculty member	Design.	Date of Joining	Details of Extension Activity done by faculty member			Role of Faculty member
				Date of Project / Activity	Location	Total number of hours volunteered	
1	Dr. Naleeni Ramawat	AP-II	2005	Nil	Nil	Nil	Talk shown on Green TV, Amity Radio

Dr. Naleeni Ramawat has given various Lectures Green T.V and Amity Radio. One of our students Mr. Ram Kumar of B.Sc. (A&FB) has given the Radio Talks and interacts with Farmers on Amity Radio. Mr. Ravi Ratan launched a Magazine in Hindi “Agri Fortune”

Participation of students in extension activities:

#	Name of Student	Prog. Name	Details of Extension Activity done by Student			Role of Student
			Date of Project / Activity	Location	Total number of hours volunteered	
1	Ram Kumar	B.Sc. (A&F B)	Radio talk regarding benefits of organic farming	Amity University	2 hrs / week	Amity Radio Talk shows
2	Ravi Ratan	B.Sc. (A&F B)	Radio talk regarding benefits of organic farming	Amity University	2 hrs / week	Amity Radio Talk shows, Agri-Fortune Magazine

48. **Give details of “beyond syllabus scholarly activities” of the department.**

Response

Publications, Book Chapters, Radio Talks, Imparting Trainings to Bank Employees as a Resource, Imparting Extension education via ASCI.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Response

The Institutions is accredited by bodies like WASC, NAAC. MOU has been signed with ICAR.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Response

Model Organic Farm to give hands –on experience to the students towards the organic farming and its benefits towards sustainable agriculture. Publication “Jaivik Krishi Prabhandhan”. Conference Abstract Book was released during the National Conference on “Balanced Fertilization: A key to Food Security & Environment Sustainability “24-25 Feb’16.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Response

	Strengths
1	Curriculum design and Development
2	Evaluation process and reforms
3	Feedback from all the stakeholders and incorporating them into curriculum
4	Strategy Development and need gap analysis
5	Internal Quality Assurance System
#	Weaknesses
1	Faculty qualification, we need more Doctorate faculties to justify their credit load which is currently lesser.
2.	No Research / consultancy projects currently running in the Institute
3.	No international faculties
4.	High attrition rate of faculties
5.	MBA (A&FB) is sectoral
#	Opportunities
1	Student Strength Of the programmes can be increased to justify the faculty load
2	Faculties are advised to carry on with some in house research to promote their knowledge in agriculture and food sector
3	Faculties are advised to pursue for Doctoral Programme for good quality research
4.	Lot of students actively participate in extracurricular and sports activities and bring laurels to the Institute.
5.	Industry feedback helps in designing the course curriculum and credit allocation
#	Challenges
1	Extension Activities to be enhanced
2	Consultancy to be brought in
3	Research Awards & Facilities to be created
4	Resource Mobilization for research to be increased
5	Collaborations to be strengthened

52. Future plans of the department.

- To identify research priorities, as part of the strategic vision for the Institute.
- Lead and promote research within the Institute, i.e. conducting research and other forms of scholarship including publication, securing funding, teaching, administration, extensive liaison with internal and external contacts, and team leadership
- Ensure the Institute attracts sufficient funding for promoting research
- Co-ordinate Institute strategy, research, education, training, and collaboration with various agencies, industry, foreign universities, AUUP HQ as applicable
- To build research team in various areas
- To take a leadership role in the development of an international reputation for the Institute
- To attract research grant income, and other income, from a variety of sources, of a sufficient level that the Institute will become self-sustaining after the initial period
- To produce high quality, peer-reviewed papers and oversee the publications of papers
- To have a knowledge of, and where applicable, involvement in collaborative research
- To establish new links with external partners, and build upon existing relationships
- Motivate the faculty members to enrol for the doctoral program
- Organize conferences/seminars at international / national level

Evaluative Report (Amity Institute of Horticulture Studies & Research)

1. **Name of the Department**
AICPHT & CCM and AIHSR
2. **Year of establishment**
2008
3. **Is the Institution / Department is part of a School/Faculty of the university?**
Yes
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
Response
PG and Ph. D.
M.Sc – Horticulture
Ph.D - Horticulture
5. **Interdisciplinary programmes and departments involved**
Response
Departments:
ASFL, AICC, AIPAS, AIFT, AIAS,ASET, AIOA, AIGWES, ASPA AIPS &AIAS
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**
NIL
7. **Details of programmes discontinued, if any, with reasons**
Response
MBA- Horticulture Business (Lack of minimum number of students enrolled)
8. **Examination System: Annual / Semester / Trimester / Choice Based Credit System**
Response
A . Semester
B. Choice Based Credit System
9. **Participation of the department in the courses offered by other departments / institutions**

Response

PG students are studying different courses offered by ASFL, AICC, AIPAS, AIFT, AIAS,ASET, AIOA, AIGWES, ASPA &AIPS while Ph. D. Students are studying courses offered by AIAS.

#	Department / Institution Name	Course name
1	AIOA	Food Retailing
2	AIFT	Functional Foods & Nutraceuticals
3	AIPS	Resilience Building for Success
4	ASET	Multimedia Applications
5	AICC	Business Communication
6	ASFL	French, Sanskrit
7	ASPA	Kathak
8	AIPAS	Behavioural Science
9	AIAS	Statistical Methods of Analysis
10	AIGWES	Forest Products
11	AIAS	Research Methodology
12	AIAS	Quantitative Techniques

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors /others)**

Response

Designation	Sanctioned	Filled	Actual including CAS & MPS
Professor			
Associate Professors			
Asst. Professors	03	03	03
Others	01	01	01

Faculty members are involved in teaching of core courses, practicals and thesis project of M. Sc. and Ph. D. students. They are also involved in teaching of UG and PG courses related to Horticulture and Postharvest Technology at Amity Institute of Organic Agriculture.

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Response

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Sunil Saran	Ph. D.	Chairman	Plant Genetics	60	Nil
Dr. Naga Laxmi Raman	Ph.D.	Assistant Director	Public Administration, Public Policy Analysis, Human Resource Management, Electronic Governance and Decentralisation-Local Governance	27	-
Dr. Neeru Dubey	Ph. D.	Assistant Professor III	Horticulture	17	01 (Ph. D.)
Dr. Vigya Mishra	Ph. D.	Assistant Professor I	Postharvest Technology	04	-
Dr. J. S. Swamy	Ph. D.	Assistant Professor I	Postharvest Technology	4.5	-
Ms. Simple Kumar	M. Sc.	Teaching Assistant	Agri-Biotechnology	3	-

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors.**
 Nil
13. **Percentage of classes taken by temporary faculty – programme-wise information**
 NIL

**14. Programme-wise Student Teacher Ratio
Response**

#	Programme Name	Student Ratio	Teacher
1	M. Sc.	2:1	

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
Response**

Non Teaching Staff	Sanctioned	Filled	Actual
academic support staff			
academic support staff (technical)	01	01	01
administrative staff	02	02	02

**16. Research thrust areas as recognized by major funding agencies
Response**

#	Funding Agency	Research thrust area
	DBT	Post Harvest Technology
	DST	Post Harvest Technology
	NCCD	Post Harvest Technology and Cold Chain Management
	ICAR	Extra Mural Studies - IPM
	NHB	Farmers Training in Horticulture & Training & Gardeners
	MoFPI	Post Harvest Technology and Cold Chain Management

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

Response : Details of ongoing project and grant received is as follows:

Ongoing Projects	Total Grants Received
National	06 lakhs
International funding	00
Total	03 lakhs

Project title and the names of the funding agencies is as follows :

Project title	# Faculty	Funding agencies	Grants received
Development of product specific protocols for post-harvest technology and cold chain management.	02	National Centre for cold chain management, Govt of India	06 Lakh

18. **Inter-institutional collaborative projects and associated grants received ; Nil**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Response

Project entitled “Rural Bio-resource Innovation-Application for Socio-economic status of Farmers and Entrepreneurs from Uttar Pradesh” was funded by DBT, GOI. The project was based on extension of low cost and simple technologies related to postharvest technology, bio fertilizers and biocontrol agents and animal husbandry.

Grants received. : **128 Lakh**

20. **Research facility / centre with**

Response

We have Ethylene dispenser Cool Room, CoolBot, ZECC and 5 research Labs.

Level	Name of Research facility / centre
National recognition	NHB has recognized our Centre for imparting Training on Cold Chain Operations

21. **Special research laboratories sponsored by / created by industry or corporate bodies**

Response

3 Labs were developed under the DBT Project and a lab of cold storage were developed under Ripelock project funded Rohm and Haas Ltd

Industry or corporate bodies (Name)	Lab details
DBT	1. PHT Lab 2. Fruit & vegetable processing lab 3. Processing Lab
Rohm & Haas	Low Temperature storage lab

22. **Publications: (separate list attached)**

Response

Description	Number / Detail
Number of papers published in peer reviewed journals (national / international)	16
Monographs	Nil
Chapters in Books	03
Edited Books	02
Books with ISBN with details of publishers	
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	03
Citation Index – range / average	1-5
SNIP (Source Normalized : Impact per Person)	-
SJR (Schmago Journal Rank)	-
Impact Factor – range / average	1-5
h-Index	-

23. **Details of patents and income generated : Nil**

24. **Areas of consultancy and income generated : Nil**

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Response

Under the Project entitled "International Network on Preserving safety and nutrition of indigenous fruits and their derivatives" in which six countries besides India are collaborators namely UK, France, Bangladesh, Sri Lanka, Cambodia and Vietnam. We had an opportunity to visit their labs and understand their work.

#	Faculty Name	Designation	Details of visit other Lab / Institution / Industry	Duration		National / International
				From	To	
	Dr S K Roy		Cambodia Vietnam Sri Lanka	2012		International
	Dr. NagaLaxmi M Raman	Assistant Director				
	Dr Neeru Dubey	Assistant Professor – II				

26. **Faculty serving in**

Response

#	Name Committee/ Board	Faculty Name	Design.	Position in the Committee/ Board
a	National committees	Dr.B.S.Hansra	Professor Emeritus	Extra Mural Project Funding-Member Natural Fund for Basic Research-Member

				Farmer's First Scheme - Member
b	Editorial Boards	Dr. Sunil Saran	Chairman	National Academy of Science -Reviewer
		Dr.NagaLaxmi M Raman	Assistant Director	International Association of Scientific Innovation and Research (IASIR)

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Response

15 Training programme were conducted under DBT Project in all three CFCs established in 3 subject area of 3 days each and 7 training programme in North-east region were conducted of 3-day each in the period of 2012-2015

#		Organised	Attended
a	Refresher		
b	Orientation programs		
c	Workshops	04	
d	Training programs	22	
e	Similar programs (please specify)		

28. **Student projects :**

percentage of students who have done in-house projects including inter-departmental projects	100%
percentage of students doing projects in collaboration with other universities / industry / institute	-

29. **Awards / recognitions received at the national and international level:**

Received by Faculty:

#	Faculty Name	Design.	Description of Award / Recognition received	Date (receiving the award / recognition)	National / International
1	Dr. B.S. Hansra	Professor Emeritus	Life Time Achievement Award	Jan8-10, 2015	Jammu During 3-day National Seminar at SKUAST
2	Dr. NagaLaxmi M Raman	Assistant Director	Prof. Om Prakash Best Paper Award	Jan. 3-4, 2014	XVI Annual International Seminar, DSPSR
3	Dr. NagaLaxmi M Raman	Assistant Director	Certificate of Excellence	Nov. 1, 2014	2 nd International Conference, ICETSR, Kuala Lumpur, Malaysia
4	Dr. Neeru Dubey	Assistant Professor (II)	Best Paper Award	Nov. 29-30, 2013	National Seminar, SHIATS, Allahabad
5	Dr.	Assistant	2 nd Best Paper	Nov. 29-30,	National Seminar, SHIATS,

	NagaLaxmi M Raman	Director	Award	2013	Allahabad
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Received by Students:

#	Student's Name	Programme Name	Description of Award / Recognition received	Date	National / International
1	Mr. Thangjam Rishikanta	M. Sc. Horticulture (PHT)	Street Photography	Feb. 2015	University Level

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Response

Title of Event	Type of Event	Duration of Event		Source of funding / National / International	Outstanding Participants
		From	To		
Post Harvest Technology, Processing and Cold Chain Management	Training-Workshop	March 20, 2012	March 22, 2012	Leverhulme Trust, UK at Amity University Uttar Pradesh	Dr. Susanta K Roy, Dr. Neeru Dubey, Dr. Shailendra K Dwivedi, Dr. NagaLaxmi M Raman

31. Code of ethics for research followed by the departments

Response

The institution follows the University Guidelines G-53 (University Research Policy Guidelines) and G-58 (Policy Guidelines for Publication and Presentation of Research at Symposia/Meetings/Conferences)

32. Student profile programme-wise:

Response

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Horticulture (PHT) 2014-2016	10	4	1	100	100
M.Sc. Horticulture (PHT) 2015-2017	11	3	1	First batch to passout after 2016	
PhD Part time Jul. 2014-17	1	1	0		
Phd. PT Jul 2015-18	1	0	1		
Ph.D PT Jan. 2016-19	2	1	1		

33. **Diversity of students**
Response

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Horticulture (PHT) 2014-2016	Nil	Nil	100	nil
M.Sc. Horticulture (PHT) 2015-2017	Nil	Nil	100	Nil
PhD Part time Jul. 2014- 17	Nil	Nil	100	nil
Phd. PT Jul 2015-18	Nil	Nil	100	Nil
Ph.D PT Jan. 2016-19	Nil	Nil	100	Nil

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**
Response

Cleared Examinations	#students
Other competitive examinations (please specify) – PSC (Karnataka)	02

35. **Student progression : Not Applicable**

36. **Diversity of staff**
Response

Percentage of faculty who are graduates	2015
from other universities within the State	80%
from universities from other States from	20%

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**
 Nil

38. **Present details of departmental infrastructural facilities with regard to**

Library	All the text books, reference books, research journals, hard and soft resources are available in the Central Library of the University.
Internet facilities for staff and students	This is provided centrally by the University across the campus to all staff and students.

Total number of class rooms	The institute has 2 classroom and share rooms
Class rooms with ICT facility	2
Students' laboratories	The institute shares laboratories available within domain

39. **List of doctoral, post-doctoral students and Research Associates ; NA**
40. **Number of post graduate students getting financial assistance from the university. NA**
41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Yes**

42. **Does the department obtain feedback from**
Response

yes

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, Reviewing & designing of curriculum
students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Improving the teaching methodology
alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. **List the distinguished alumni of the department (maximum 10) : nil**
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Nil**
45. **List the teaching methods adopted by the faculty for different programmes. Case Study, Training , Lecture, Tutorial and practical mode. NA**
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? PLOs for each course defined in Amizone and monitored at regular intervals. NA**
47. **Highlight the participation of students and faculty in extension activities. NA**
48. **Give details of “beyond syllabus scholarly activities” of the department. NA**
49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NA**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Response

Training Manuals, development of ZECC and CooBot

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

#	Strengths
1	Team Work
2	Self-Motivation
3	Transparency
4	Collaboration
5	Loyalty
#	Weaknesses
1	Too much interdependence
2	No timely recognition of work
3	Lack of encouragement/inspiration
4	Opportunity for Patents
#	Opportunities
1	Expansion of Research work
2	Conduct Workshop and Seminar
3	International Collaboration
#	Challenges
1	Amizone updation
2	Filling up various tedious Forms giving same information in different formats overnight
3	Procurement of chemicals for lab and research on time
4	Lack of IT Support on time

52. **Future plans of the department.**

We are planning to explore more students in different areas of horticulture discipline by giving wide publicity

- Publication in Scopus Indexed Journal
- Patent at least 1 per year
- Research Work – Comparative Studies in existing facilities
- 100% placement of Students
- Summer internship for students by the Institute
- Interdisciplinary Projects