The Annual Quality Assurance Report (AQAR) of the IQAC
(Academic Year: 2014-15)

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

> AMITY UNIVERSITY UTTAR PRADESH

1.2 Address Line 1

> Amity Campus, Sector-125

Address Line 2

> Distt: Gautam Buddha Nagar

City/Town

> Noida

State

> Uttar Pradesh

Pin Code

> 201303

Institution e-mail address

> vcauup@amity.edu

Contact Nos.

> 0120-4392251

Name of the Head of the Institution:

> Prof. (Dr.) Balvinder Shukla

Tel. No. with STD Code: 0120-4392251

Mobile: +91-9810199453

Name of the IQAC Co-ordinator: Brig. Om Parkash, Dy Director QAE

Mobile: +91-9971603443

IQAC e-mail address: qaemail@amity.edu

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*   13866

1.4 **NAAC Executive Committee No. & Date:**   EC/59/A&A/68 dated 21-04-2012
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: www.amity.edu

Web-link of the AQAR: http://auup.amity.edu/Committee-University-IQAC.aspx-AQAR 2012-13, 2013-14 & 2014-15

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.13	2012	5 years
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY   22/05/2007

AMITY UNIVERSITY UTTAR PRADESH AQAR 2014-2015

1.8 AQAR for the year *(for example 2010-11)*

AQAR for the Academic Year 2014-15

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

  i.   AQAR _____2012-13 Submitted to NAAC on 28/11/2013.
 ii.   AQAR_____ 2013-14 Submitted to NAAC on 11/02/2015.
iii.   AQAR_____ _____ (DD/MM/YYYY)
 iv.   AQAR_____ _____ (DD/MM/YYYY)

1.10 Institutional Status

University   State ☐ Central ☐ Deemed ☐ Private ☑

Affiliated College   Yes ☐   No ☐

Constituent College   Yes ☐   No ☐

Autonomous college of UGC   Yes ☐   No ☐

Regulatory Agency approved Institution   Yes ☑   No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ☑ Men ☐ Women ☐

                       Urban ☑ Rural ☐ Tribal ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) ☑   UGC 12B ☐

                    Grant-in-aid + Self Financing ☐   Totally Self-financing ☑

1.11 Type of Faculty/Programme √

    Arts ☑ Science ☑ Commerce ☑ Law ☑ PEI (Phys Edu) ☑

    TEI (Edu) ☑ Engineering ☑ Health Science ☑ Management ☑

Others (Specify)   Humanities, BioSciences & Bio Technology, Agricultural Science, Journalism & Mass Communication, Hospitality & Tourism, Natural Resources and Environmental Sciences, Distance & Online Learning, Organic Agriculture, Nanotechnology, Aerospace, Space Science, Social Sciences, Polymer Science, Psycology & Allied Sciences, Microbial Science & Technology, Information Technology, Food Technology, Pharmacy, Radiation Biology, Horticulture, Public Health, Moelcular Biology and Genomics, etc..

AMITY UNIVERSITY UTTAR PRADESH AQAR 2014-2015

1.12 Name of the Affiliating University *(for the Colleges)* | NA |

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University | State |

University with Potential for Excellence | | UGC-CPE | |

DST Star Scheme | | UGC-CE | |

UGC-Special Assistance Programme | | DST-FIST | |

UGC-Innovative PG programmes | | Any other (*Specify*) | SIRO |

UGC-COP Programmes | |

2. IQAC Composition and Activities

Composition of University IQAC:

2.1 No. of Teachers	17
2.2 No. of Administrative/Technical staff	2
2.3 No. of students	-
2.4 No. of Management representatives	-
2.5 No. of Alumni	7
2. 6 No. of any other stakeholder and Community representatives	1
2.7 No. of Employers/ Industrialists	4
2.8 No. of other External Experts	1
2.9 Total No. of members	32

* **Note**: Apart from the University IQAC, the University has established IQAC at Domain/Faculty Level (total 13 Domain IQACs) and Institutional Level (Total 53 IQACs). The Domain/Faculty IQAC is chaired by the Dean of the respective Faculty and the Institutional IQAC is chaired by Head of the Institution. The total members of the both the Institutional and Domain/Faculty IQACs have over 450

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members. The Institutional IQAC members meet once every month and domain/faculty IQAC meet once every semester.

2.10 No. of IQAC meetings held

Level	No .of Meetings
University	3
Campus	3
Domain	25
Institutional	142

2.11 No. of meetings with various stakeholders: No. 698   Faculty 500

Non-Teaching Staff 22   Students 162   Alumni 2   Others 12

2.12 Has IQAC received any funding from UGC during the year?   Yes   No ✓

If yes, mention the amount   NA

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. 28   International 3   National ☐   State ☐   Institution Level 25

(ii) Themes

S.NO	THEME	DATE OF THE EVENT
1.	Orientation Visit of Dr. Richard, Sr. Vice-President, WASC SCUC at AUUP (Noida Campus) Session #1: Addressing the requirements of WASC standards and Policies • Session #2: Preparation of first Self-Study for WASC Initial Accreditation	May 19-21, 2015
2.	Dr Richard Winn, WASC Senior College & University Commission conducted a workshop on WASC Orientation.	16-18 December 2014
3.	QS in association with Amity University organized higher education Seminar on the theme "Research & Innovation – Global Best Practices" at Radisson Blu Hotel, Noida.	02-February-2015
4.	Workshop on institutional assessment based on NAAC criteria	08 January 2015
5.	Three days workshop for the scope extension institutions (Newly ISO certified) in preparing manuals, maintaining records and conduct of audit.	26-28 November 2014
6.	Briefing on conduct of internal audit of all institutions based on the check list and quality management system clauses.	15 January 2014

S.NO.	THEME	DATE OF THE EVENT
7.	Three Workshops on Institutional Assessment based on NAAC Criteria	27 February 2015, 13 March 2015 and 25 March 2015
8.	Presentation on Self Assessment done by the Institutions based on NAAC Criteria	10 April 2015
9.	Training of Utility Staff on awareness towards quality, environment and emergency situations	30 August 2014
10.	Workshop on Mentor Mentee System	27-28 May 2015
11.	Workshop on Research, Consultancy & Extension	26 June 2015
12.	A total of 8 Course-Review-Cum-Audit Meeting was held domain wise with Class representatives and Faculties separately.	25 March-8 April 2015
13.	Briefing session on Strategic Planning, Individual Targets Accountability & Milestones – 2015-16.	15 April 2015
14.	Briefing session on Strategic Planning, Individual Targets Accountability & Milestones – 2015-16.	15 April 2015
15.	A briefing session for NBA Accreditation	18 March 2015
16.	Training of Cafeteria Staffs (Personnel Hygiene) for ensuring that cafeterias are serving safe food to the students, faculty and other stakeholders.	05 February 2015
17.	Training on documentation and record keeping for cafeteria staff on FSMS.	19 Aug 2014
18.	Training on documentation and record keeping for cafeteria staff on FSMS.	18 November 2014.
19.	Training on understanding FSMS & its implementation.	26 December 2014
20.	Training on documentation and record keeping for cafeteria staff on FSMS.	31 January 2015
21.	Training on documentation and record keeping for cafeteria staff on FSMS.	March 2015
22.	Training of Basic Fundamentals of FSMS for new staff in cafeterias.	25 July 2015
23.	Training of Food Safety & Hygiene	29 August 2014
24.	Training of Food Safety Management Systems	25 September 2014
25.	Workshop on NAAC Criteria No. 3: Research, Consultancy & Extension	26 June 2015
26.	A briefing session of all utilities staff was held in 30 August 2014 at 1230 hours in C Block to prepare and bring awareness towards ISO 9001:2008, ISO 14001:2004 & ISO 2000:2005.	30 Aug 2014
27..	Workshop on awareness towards ISO 9001:2008, ISO 14001:2004 & ISO 2000:2005.	26 Aug 2014
28.	Workshop on ISO Academic Blend	31 October 2014

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2.14   Significant Activities and Contributions made by IQAC

The following significant activities and contributions were made by University as well as Institutional IQAC in the year 2014-15:

(a)   All institutional activities were planned, executed and monitored by the IQAC. The IQAC meetings were held once every month at the Institutional level. The format of the meeting was as under :-

- Progress on points discussed in previous month's meeting.

- Events organized for the current month.

- Academic Issues.

- Administrative Issues.

- Points from Faculty/IQAC members.

- Review of achievements of Faculty, Students and Alumni.

- AQAR: NAAC (one parameter to be reviewed every month and data updated).

- Points from the HOI/HOD/Advisor.

    Minutes of above meetings were recorded for follow up action.

(b)   Continual conduct of quality audits (internal & by external agency) centrally and Academic audit within the institutions.

(c)   The three level IQAC were involved in detailed Strategic Annual Planning 2015-16 included the following areas/aspects :

▪ Academic Planning and strategy	▪ Academic & Teaching-learning Strategy
• Resource Planning	▪ Faculty/staff Planning
• Infrastructure Planning	▪ Learning Resource Planning
• Industry Interaction and placement planning	▪ Research and Innovation Planning
• Internationalization Planning	▪ Student development activities Planning
• Faculty Development activities Planning	▪ Events Planning, Workshops, seminars etc
• Annual Calendars – University, Institutional, Programme and department level	▪ Operational Planning ▪ Financial Planning

(d) Improvement in Students' attendance, Results, and Placement through continuous monitoring. \

(e) Management Reviews are conducted by University IQAC both at Faculty Level and University Level. A total of fifteen Management Review Meetings were held in the year 2014-2015 as under :-

S No	Domain/Faculty	Date of MRM
1.	Faculty Of Hotel/Management/Hospitality/ Tourism/Travel	05.5.2015
2.	Faculty Of Health & Allied Sciences	07.5.2015
3.	Faculty Of Education/Teachers Training	11.5.2015
4.	Faculty Of Distance Learning	13.5.2015
5.	Faculty of Management Studies	02.6.2015
6.	Faculty of Applied Arts, Journalism & Communication, Humanities & Social Science: a) Applied Arts, Journalism & Communication Domain b) Humanities & Social Science Domain	03.6.2015 04.6.2015
7.	Faculty of Bio-Sciences & Biotechnology	05.6.2015
8.	Faculty of Law	08.6.2015
9.	Faculty of Science, Engineering & Technology: a) Engineering & Technology Domain b) Science & Technology Domain c) Natural Resource & Environmental Science Domain d) Agriculture Science Domain	09.6.2015 10.6.2015 11.6.2015 12.6.2015
10.	Faculty of Architecture , Planning & Design	15.6.2015
11.	Rehabilitation Sciences	16.6.2015

The Faculty/Domain level meetings are chaired by the respective Deans and University level meetings were chaired by the Vice Chancellor. The Agenda points of the Meetings were:

- To review the suitability, adequacy and effectiveness of the University Quality Management Systems.
- To assess opportunities for improvement.
- Examine the need for changes in policies and objectives.
- Results of the audits, analysis, corrective actions taken and gaps indentified in the feedback from various stakeholders.
- Recommendations for improvement in systems and processes.
- Based on the deliberations, the progresses on the points discussed during the previous Review Meeting were also projected.

(f) Revision/Formulation of regulations/policies and guidelines regarding Calibration of Lab Equipments, Internal Quality Assurance System and Stakeholders satisfaction, Governance Policy, Accounting of chemicals and Institutional Integrity.

(g) Conducted training workshops at the Institutional and Domain level for strengthening of IQAC.

(h) Involvement of students through in-house projects pertaining to refinement of academic process, Environment safety, energy saving and Food safety.

(i) Monitoring and Review of Teaching – learning process through University intranet (AMIZONE).

(j) Automation of Course register, which give the overview of the conduct of classes as per the plan.

(k) The implementation of Choice Based Credit System and Uniform Course Coding from the Academic Session 2014-15 was done by the University IQAC and Institutional IQAC.

(l) Formulated University response for National Education Policy for submitting to UGC on the following themes:
  - Ranking of Institutions and Accreditation.
  - Improving the quality of Regulation.

(m) The University IQAC briefed the team of external examiners who visited the University to assess our Engineering programmes and give their feedback to improve the overall academic standard and consistency; overall technical balance of the programme; appropriateness of equipment and laboratory work; effectiveness of QA systems, etc. on 1st and 2nd July 2015.

(n) Prepared a comprehensive integrated manual for ISO 9001:2008 & ISO 14001:2004.

(o) Model framework for various degree programmes was developed with course distribution with minimum credit units for the semester for each programme.

(p) Implementation of Flexi time table coupled with on-line Course registration, through intranet i.e. Amizone, in each semester, which helps the students to choose the courses they want to study and when to study as per policy on Flexi Time-Tabling.

(q) The IQAC at University level ensured that all the Institutions have defined their Graduate Attributes in alignment with the Attributes defined at the University Level.

(n) The University IQAC constituted a Working Group to review the 20 Themes of the New Education Policy on Higher Education and responded to UGC for their further incorporation and necessary action.

(o) The University IQAC developed a assessment tool based on NAAC criteria which had enabled the Institutions to grade themselves. In order to familiarise the Institutions with the assessment tool, workshops were conducted both at University level and Domain level. The Institutions were able to complete the first cycle of self assessment by the end of April-May 2014.

(p) The internal audit of the Institutions were aligned with the revised curriculum design and NAAC requirements.

(b) 2.15 Plan of Action by IQAC/Outcome

S No.	Plan of Action/Objective	Achievements
1.	To empower the institutions to assess their institutional performance by developing a suitable assessment tool based on NAAC assessment criteria.	An assessment tool comprising of 615 micro indicators based on the seven criteria has been developed and the two cycles of self assessment have been conducted by the IQAC.
2.	Awareness workshops for faculties and IQAC members to familiarise and strengthen IQAC.	Workshops were organised at the University level to sensitize the faculties and IQAC members towards the functioning of IQAC in institutions. During the internal audits the strengthening of IQAC was the focus area.
4.	To prepare a comprehensive Annual Academic Planning 2015-2016.	i. The Annual Academic planning 2015-16 was compiled and coordinated by the University IQAC. The following Sub Committees were formed who coordinated with the Domain IQAC for finalisation the plan of the respective areas: ii. Academic Infrastructure Planning Sub-Committee. iii. Manpower Planning Sub-committee. iv. Learning Resources Planning Sub-Committee. v. Annual Research Planning Sub-Committees. vi. Lab Equipments and Software Planning Sub-Committee. vii. Annual Activities Calendar Sub-Committee & Industry Interaction, Placement & Alumni Sub-Committee viii. International Planning Sub-Committee. ix. Financial Planning Sub-Committee

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5.	To take the approval of the Academic Council for the Annual Academic Planning 2015-2016.	The Annual Academic Planning 2015-16 was approved by the 20th Academic Council held on 05 June 2015. The approved copy was circulated to all Chairpersons of the University Planning Sub-Committees and Institutions.
6.	Re-organisation of Processes: HR, Placement, Administration and Inventory Management System.	A committee was set up to review the reorganisation of HR and the recommendations were forwarded to the Management. The implementation of the processes is under progress.
7	To send the Self Study Report for the following two International Accreditations: (a) IACBE (International Assembly for Collegiate Business Education (USA). (b) WASC (Western Association for Schools & Colleges (USA).	i. To nominate coordinators who would be compiling the conduct the meeting of University IQAC to constitute Steering Committee and Coordinators who would be compiling the data from the Institutions and preparing the SSR. ii. To define the time lines for the submission of draft SSR to the University IQAC. iii. Final submission of SSR to WASC after the approval of the Management

2.15 Whether the AQAR was placed in statutory body   Yes ✔ No ☐

Management ✔   Syndicate ☐   any other body ☐

Provide the details of the action taken

The action taken to compile the AQAR 2014-2015 are as under:
1. The AQAR was compiled in three stages: At Institutional Level, Faculty/Domain Level and University Level.
2. The format of the AQAR was circulated to all Institutional IQAC members who compiled the data and evidences and had forwarded to the Dean who then sent it to the University.
3. At the University, an interactive meeting with the IQAC Members were organised between 13 August-20 September 2015 wherein the members discussed in detail the data submitted by the institutions and collected their evidential records. The data of 51 Institutions and Research Centres was then frozen after validation and verification.
4. The data was then compiled and discussed between the University IQAC members.
5. The AQAR was placed for the approval of the University IQAC held on 06 October 2015 and the Academic Council meeting held on 30 October 2015.

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Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes:

(a) Noida Campus

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	74	15	74	74
PG	114	8	114	114
UG	115	17	115	115
PG Diploma	2	1	2	2
Advanced Diploma	-	-	-	-
Diploma	5	1	5	5
Certificate	-	-	-	-
Others M.Phil	4	-	4	4
Dual	17	1	17	17
Total	331	43	331	331

Interdisciplinary	19	7	19	19
Innovative	14	9	14	14

(b) Lucknow Campus

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	17	7	17	17
PG	37	13	37	37
UG	41	8	41	41
PG Diploma	1	0	1	1
Others M.Phil Dual	1	0	1	1
Total	97	28	97	97

Interdisciplinary	3	-	3	3
Innovative	4	-	4	4

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(c) Dubai Campus

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	10	3	10	10
UG	13	5	13	13
Others Foundation Course	3	0	3	3
Total	**26**	**8**	**26**	**26**
Interdisciplinary	0	0	0	0
Innovative	0	0	0	

(d) Greater Noida

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	2	0	2	2
UG	10	3	10	10
Others	0	0	0	0
Total	**12**	**0**	**12**	**12**
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

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1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options: **CBCS**

(a) The recommendations of UGC have been examined by Amity University Uttar Pradesh, involving all the Head of Institutions and all concerned experts in Academia and Industry, and the Regulations on Flexible Choice Based Credit System has been notified and implemented with effect from Academic Session 2014. Under this new system, the students can register for courses according to their interests and academic abilities. The CBCS allows students to decide their academic plan and make informed decisions on their own and have multi disciplinary competency and leadership skills. The system permits the student to:

- Choose electives from a wide range of courses
- Undergo additional courses and acquire more than required number of credits in a semester/programme.
- Adopt an interdisciplinary approach in learning
- Inter Institution/University transfer of Credits
- Complete a part of programme in the parent institute and get enrolled in another institution for specialized courses.
- Enhance skill/employability by taking up project work, entrepreneurship and vocational training.
- Credit transfer of Collaborative Universities/Industry.
- Choice in the timings / time slots in the selection of courses.
- Choice in the selection of number of courses per semester.
- Choice of preparing his / her own Time-table, programme structure and academic plan as per model framework.
- Balanced curriculum, say for engineering one can have good mix of engineering, science, humanities, management and other courses.
- Ample opportunities to do inter-disciplinary courses.
- Soft on slow learners by offering important / common courses, bridge course, Guided Self Study Courses (GSSC) in all semesters.
- Opportunity of under graduate research experience.
- Value addition with double Major / Minor option.
- Opportunity to get to study multiple Language Courses and earn certificates

(b) A Model Framework for all UG & PG programme/degree has been defined to make informed choices for programme development and Choice Based Credit System. A study will have a choice of selecting an Elective as well as Foundation course from a basket of courses.
- The core courses are compulsorily to be studied by a candidate as a core requirement so as to get degree in a said discipline of study.
- Two courses each of Professional Core Compulsory and Professional Elective shall be offered to each student in every semester, as may be stipulated in the programme structure.
- The credit weightage for core course shall be of 3 / 4 credits.
- In addition to the Foundation courses, Compulsory Courses and Core courses, a student will have to choose Elective from the basket of courses.
- Two courses of Elective, one each from generic elective and Interdisciplinary/Multidisciplinary/Subject centric electives may be offered.
- The credit weightage for elective course shall normally be of 2 / 3 credits

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	466
Trimester	-
Annual	-

1.3 Feedback from stakeholders*   Alumni ☑   Parents ☑   Employers ☑   Students ☑
   (On all aspects)

   Mode of feedback   :   Online ✔ Manual ✔ Co-operating schools (for PEI) ☐

Please provide an analysis of the feedback in the Annexure

PDF 4.2.p Student feedback analysis.pdf PDF 4.2.q Alumni feedback analysis.pdf PDF 4.2.r Parent feedback analysis.pdf PDF 4.2.s Industry feedback analysis.pdf PDF 4.2.t Faculty & Staff feedback analysis.pdf

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

1. There had been revision in existing Regulations and Guidelines as well as New Regulations and Guidelines have been developed and implemented in the Academic Year 2014-15 with respect to Curriculum Development. Major changes have taken place due to the introduction of Choice Based Credit System and Uniform Course Coding exercise conducted by the University.

2. The following revisions have taken place in the process of Curriculum Development:-

Existing (before 2014)	Revision w.e.f. 2014
Guidelines -01: Curriculum Development	Regulation No. 17: Regulation on Curriculum Design and Development. (a) Guidelines on developing and measuring Student Learning Outcomes. (b) Guidelines for programme and course benchmarking. (c) Guidelines on Uploading the Programme Structure and Syllabus on Amizone, Amity Intranet.

The following are the salient aspects of the Regulation No. 17:

1. The regulation has 6 broad headings :
   (A) Definition/Description
   (B) Programme Structure and Course Curriculum Development
   (C) Outcome Assessment and Course Evaluation
   (D) Composition of Board of Studies (BOS)
   (E) Approval of Academic Council
   (F) Availability of Approved Programme Structure
2. Some of the major topics covered under these headings are highlighted below:
   (A) Definition/Description: The regulation had provided 30 definitions which must be followed while framing a suitable curriculum for a programme. These definitions help the University in maintaining uniformity of preparing the final Programme Structure, curriculum, scheme of instructions and assessment scheme for Programmes offered by various institutions and Student Learning Outcomes.
   (B) Programme Structure and Course Curriculum Development: The steps to be followed for developing the Programme Structure and Curriculum for any programme has been described in detail.
      (i) Head of Institution/Head of Department (HOI/HOD) constitute Course Review Committee (CRC), Programme Review Committee (PRC) and Area Advisory Board (AAB) from industry/profession. The HOI/HOD are required to develop the course curriculum along with faculty members through CRC as per the instruction and guidelines given in the Regulation.
      (ii) The AAB will examine, review and finalise the proposal of CRC with respect to all areas of curriculum such as introduction of new courses, weightage of course contents, benchmark with National/International level, etc.
      (iii) The PRC will define the Model Curriculum Framework/Programme Structure, Programme Objectives, Curriculum, Programme Educational Objectives (PEOs), PLOs and develop a matrix of PEOs and PLOs.

   (C) Outcome Assessment and Course Evaluation are carried out both by Direct and Indirect Assessments as per the directions provided in the Regulation.

(D) <u>Composition of Board of Studies (BOS)</u> : The composition of BOS along with its functions, frequency and quorum of the meeting have been given in details for the implementation of Institutions.

(E) <u>Approval of Academic Council:</u> After all the steps of curriculum development and assessment are completed, the HOI/HOD send the recommendations of BOS along with the final programme structure and curriculum and scheme of examinations as per the format to the Academic Office of the University for further processing for the approval of Academic Council.

(F) <u>Availability of Approved Programme Structure</u>: A detailed guidelines have been provided along with the Regulation for uploading the Approved Programme Structure and syllabus so that they are available to the course faculty, students, Controller of Examinations and all concerned officials of the University and the Institution.

3. The following new Regulation/Policy Guidelines were developed and implemented wef Academic Session 2014:-

Regulation/ Policy Guideline No.	Details	Salient Feature
Regulation No. 18	Choice Based Credit System	Under this new system the students can register for courses according to their interest and academic abilities. CBCS allows students to decide their academic plan and permits them to alter it, if required, in their academic progression in pursuit of degree.
Policy Guideline No.29	Guidelines for Student Learning Outcomes & Assessment	The Student Learning Outcomes and Assessment Tools were developed as per the guidelines and the implementation of the tool was done for the academic year 2014-15 onwards.
Policy Guideline No.33	Guidelines of Uniform Course Coding	This policy describes the principles underpinning the coding system for courses. These procedures are intended to give effect to the uniform implementation of Uniform Course Coding. In particular the application of the common standardized alpha numeric coding system adopted to manage the allocation of unique identifiers for each course offered by the University. The course mapping was done and the new nomenclatures were given to the courses which had similar syllabus. This exercise reduced the number of courses from 22110 to 6359 allocated into nearly 276 streams under 15 faculty/Domains.

Policy Guideline No.42	Guidelines for Graduate Attributes/competencies/generic skills	The Graduate attributes were made at University Level based on which the Institutions developed their Graduate attributes at Programme Level.
Policy Guideline No.43	Model Framework for Programme Structure and Group of Programmes:	Various Programmes have been grouped based on degree/duration and level (UG/PG). The Model Framework semester-wise/programme wise including minimum credit unit and course types of various programme/Groups have been developed. The Model Framework for programme structure includes the following major attributes: (viii) Programme Description (ix) Programme Educational Objectives (x) Programme Structures (credit distribution-semester-wise) (xi) Programme Learning Outcomes (xii) Assessment Plan (xiii) Competency & Skill Matrix (xiv) Employability of Graduants
Policy Guideline No. 44	Credit System, Academic Credit Hour and Time Tabling Policy	A detailed system enabling quantification of course work, with one credit being assigned to each unit after a student completes its teaching-learning process and assessment.
Policy Guideline No.52	Guidelines for Programme Learning Outcome Assessment	As per the guidelines the Learning outcomes are defined for each programme and each learning outcome is assessed to identify that the established learning objectives are achieved.

3. The programme Structure/Course curriculum of following New Programmes of all Campuses were approved:

S No	Institution:	Programme
(a)	Amity School of Fashion Technology (ASFT)	M.A.-Design (fashion & Textile)
(b)	Amity School of Urban Management & RICS School of Built Environment	MBA- Construction Economics & Quantity Surveying

(c)	Amity School of Engineering & Technology (ASET)	B. Tech –Automobile Engg. M.Tech – Biomedical Engg. M.Tech – Computer Network & Information Security M.Tech – Software Engg. M.Tech – Cloud Computing M.Tech – – Cloud Computing (Weekend)

4. The changes were made in the nomenclature and syllabus of value added courses under Behavioural Science, English/Communication Skills for both UG & PG programmes. The courses under the value added courses are mandatory and are offered in all AUUP programmes. After the Uniform Course Coding Courses have been mapped and clubbed, Their nomenclature, semester-wise sequencing and detailed course curriculum have been revised taking into consideration that the students of each and every semester irrespective of their programme studies the same course as per the semester he is currently pursuing.

5. The course curriculum of Foreign Language Courses offered as Value added Courses were also revised keeping in view the 6 levels of proficiency in a language as under:-

      (a)   1 ILR Level 0- No Proficiency
      (b)   2 ILR Level 1- Elementary Proficiency
      (c)   3 ILR Level 2- Limited Working Proficiency
      (d)   4 ILR Level 3- Professional Working Proficiency
      (e)   5 ILR Level 4- Full Professional Proficiency
      (f)   6 ILR Level 5- Native or Bilingual Proficiency

6. The curriculums of Environmental Studies courses for UG Programmes were revised from the Academic session 2014-15. The salient features of the revision were uniformity in the credit units and courses which is given as below:

Environmental Studies (For UG Programmes)	
Courses	Credit Units
Environmental Studies	04 Credit Units
Environmental Studies – I	02 Credit Units
Environmental Studies – II	02 Credit Units

7. The Course curriculum and Assessment Scheme of all courses under various streams (276) was reviewed by the Course Review Committee and was further examined and recommended by Area Advisory Board. A total of **800** Industry experts and Senior Academicians from outside Amity had attended the AAB Meetings and had given their valuable recommendations which were reviewed by a Special Review Committee constituted at the University Level. A total of 8 Special Review Committee representing 15 domains were constituted covering all courses/streams. The courses of around **22** Institutions were revised and finally approved by the Academic Council.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

The following eleven departments/centres/institutions have been established during the year 2014-2015:

S No	Name of the Dept./Centre/ Institution	Activities/Functions	Date of Establishment
A.	**Institutions:**		
1	Amity Institute of Molecular Biology and Genomics (AIMBG)	To study the use of genetics and molecular biology as a tool to investigate a wide variety of biological processes.	07 Oct 2014
2	Amity Institute of Click Chemistry Research & Studies (AICCRS)	A hub with spokes reaching into all departments. The ultimate goal would be to develop commercial product that has application value supported by publishable high quality science. The Institution will be starting its Ph.D Programme.	21 Apr 2015
B.	**Research Directorates**		
1	Amity Directorate of Management and Allied Areas (ADMAA)	The Directorates have been established for coordination and promotion of research in the relevant and interrelated fields of their institutions of respective domains.	27 October, 2014.
2	Amity Directorate of Engineering & Technology (ADET)		15 Jan 2015
3	Amity Directorate of Research and innovation in Law and Allied Areas		28 May 2015
4	Amity Directorate of Applied Arts/Performing Arts/Visual Arts		28 May 2015
5	Amity Directorate of Research and innovation in Health and Allied Sciences		28 May 2015
C.	**Centre:**		
1	Amity Centre for Antarctic Research & Studies (ACARS)	This centre has been established for coordination and promotion of Antarctic Research.	29 May 2015
D.	**Campus:**		
1	Amity University Uttar Pradesh: Greater Noida Campus.	Programmes of DIT campus integrated with AUUP to provide opportunities and space for learning living and growing.	01 July 2014

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Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Campus	Total	Asst. Professors	Associate Professors	Professors	Others
Noida	1868	1389	94	212	173
Greater Noida	68	32	7	3	26
Lucknow	338	230	-	41	67
Dubai	38	24	3	2	11

2.2 No. of permanent faculty with Ph.D. | 933 |

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
230	21	23	16	19	1	54	0	326	38

2.4 No. of Guest and Visiting faculty and Temporary faculty | 43 | | 177 | | 15 |

2.5 Faculty participation in conferences and symposia:

(a) **Noida Campus & Greater Noida :**

No. of Faculty	International level	National level	State level
Attended	350	371	48
Presented papers	311	228	42
Resource Persons	181	54	14

(b) **Lucknow Campus:**

No. of Faculty	International level	National level	State level
Attended	75	217	10
Presented papers	80	201	0
Resource Persons	11	14	2

(c) **Dubai Campus:**

No. of Faculty	International level	National level	State level
Attended	28	-	-
Presented papers	19	-	-
Resource Persons	3	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

There has been a paradigm shift in our Pedagogy after orientation of our Teaching-Learning process to Outcome Based Education, where in all the Institutions had developed Programme Educational Objectives (PEOs), Programme Learning Objectives (PLOs) and Student Learning Outcomes. The following are the initiatives adopted by the institution in Teaching-Learning:-

1. Developed Direct and Indirect Assessment Tools to measure the intended Student Learning Outcomes (SLOs).
2. A channelled system has been devised for Dissertation/ Major project of Engineering and Management Domain and students are motivated to pursue only good quality projects with some research contribution.
3. Practical based approach in teaching learning so that atleast one conference publication is done with the help of student syndicate resulting in acquiring project from each group.
4. Use of MOOC.
5. Emphasis on skill based mode of knowledge dispensation.
6. Latest Subjects are embedded in the course structure which trains the students and make them Industry Ready.
7. Providing students diverse needs like Proficiency Test, Orientation, Programme, Bridge Course, Military Training, Technical Fairs and Exhibitions.

8. Facility of Basket courses, where student can collect the number of credits which is allotted to the students, students can pick up courses of choice from various departments of personal interests and choice this leads to an all round development
9. Universities courses allow for further insight in professional situations. For example, introduction to psychology provides an insight into client/user behaviour, while class such as introduction to Mass communication teaches presentation skills as well as public speaking skills by making student prepare and present multiple informative, persuasive and illustrative presentations.

2.7 Total No. of actual teaching days
      during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. The moderation is being done both at question paper and result level.
2. The new format for question paper setting a new column was added by us for module details with each question to ensure balanced representation of all modules of syllabus in the question paper. With automation of question paper setting achievement of this purpose can be measured. It is in our priority.
3. Model answer concept has been implemented from 2014-15 even semester examinations wherein the model answers are prepared by different faculty teaching the same course in different institutes after the conduct of examination.
4. The complete automation of examination is in processes
5. External Examiners present as board members during final evaluation of Non Teaching Credit Courses (NTCC). 100% reports submitted for NTCC are checked for palagiarism (level set for acceptance of projects/ report is <15%).

6. Introduction of Multiple Evaluators Concept.

7. The students are shown the answer books after evaluation to maintain complete transparency.

2.9 No. of faculty members involved in curriculum
     Restructuring/revision/syllabus development
     as member of Board of Study/Faculty/Curriculum Development workshop

193	1063	983

2.10 Average percentage of attendance of students

93

2.11 Course/Programme wise distribution of pass percentage: The summary of average pass percentage at the University level is given below:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
ALL AUUP Programmes	6660	8	54	28	-	90%
	The Programme wise distribution of pass percentage is attached. result 2014-2015.xlsx					

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

1. The Institutional IQAC members meet every month and the meetings are conducted as per the following agenda:

    a) Progress on points discussed in the previous month's meetings.

    b) Event organized for the current month.

    c) Review of Academic Planning

    d) Academic Issues:

    (i) Teaching-Learning Issues
    (ii) Student's Learning Issues
    (iii) Examination Issues
    (iv) Faculty Issues related to Academic Delivery, Assessment and Scholarly Activities.

    e) Administrative Issues.

    f) Quality issues:

    i. Trends and Analysis of Process implementation data.

    ii. Analysis of Satisfaction Survey of students, parents and industries.

    iii. Major Gaps identified and action taken.

    iv. Pending issues/gaps for which action is pending.

    v. Results of audits conducted by IQAC/QAE/BSI

    g) AQAR: Quarterly review of AQAR at the institutional level.

    h) Assessment of Institutional performance and its analysis.

    i) Progress on Accreditations and certifications

    j) Points from CR Meetings and their follow up action..

    k) Points from Faculty/IQAC members.

    l) Points from the HOI/HOD/Advisor.

2. The Review of Classes conducted every day is being monitored through Amity Intranet i.e. Amizone. The programme Leaders of each Institution tracks the classes conducted on daily basis after which the attendance is updated and recorded for each student. The Conduct of classes is monitored at University Headquarters through Academic Office.

3. The Course Register is the mandatory document prescribed by the University wherein each faculty feeds the number of classes planned and the number of classes actually conducted every month which is reviewed by the HOD/HOI. The gaps in the conduct of classes are covered immediately and there is fair distribution of classes throughout the semester.

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4. At the beginning of the semester, the session plans and the dates and components of internal examination are uploaded, based on which the time table is made. The IQAC members ensure and monitor that the session plans are uploaded with seven days of commencement of the academic session.

5. IQAC conducts internal audits of each process to ensure that the teaching learning process has been conducted as per plans.

6. At the end of the semester, feedback from the students are analysed by IQAC members and corrective /preventive actions are taken accordingly.

7. After the review at Institutional and Faculty/Domain level, the University monitors and evaluates the conduct of above processes through Academics Office and QAE who gives the report to the Management and follows up with the Institution till the points are closed based on the corrective/preventive action taken by the Institutions.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	614
UGC – Faculty Improvement Programme	4
HRD programmes	-
Orientation programmes	1044
Faculty exchange programme	18
Staff training conducted by the university	664
Staff training conducted by other institutions	45
Summer / Winter schools	105
Workshops, etc.	2759
Others	82

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1115	-	21	0
Technical Staff	196	12	21	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. The Management has set targets for enrolling number of Ph.Ds and filling of patents which the IQAC must fulfil as part of their objective.

2. The faculty targets for Research based activities are set every year during the Annual Academic Planning based on which the performance of the faculty is assessed.

3. The Faculty members are constantly motivated to write research papers and promote research climate in various meetings and forums by the Management. Incentives are given to the faculties who are being awarded or recognised for their extra ordinary performance.

4. The IQAC meetings are held at least once every month wherein the topics of research are discussed as Agenda points. Rigorous follow up of each actions are discussed in subsequent meetings.

5. The IQAC at all three levels I.e. University, Domain/Faculty and Institutional level are constantly engaged in the following initiatives:

   (a) Review of the Research Planning at every meeting
   (b) Promotion of Research & Innovation Culture among faculty and students
   (c) Formulate Strategies & Action plans to augment Research & Innovation
   (d) Augment Patents, publications, product development
   (e) Increase Research Publications, Citations and Awards
   (f) Ensure quality PhD Programmes
   (g) Promote Technology Commercialization.
   (h) Resource Mobilization for Research from industry, govt and international agencies.
   (i) Enhance Research Facilities through grants/sponsorships.
   (j) Collaborative Research with National and International institutions.
   (k) Publish at least one Research Journal by each institution / domain.
   (l) Extension Activités and Institutionnel Social Responsibility.
   (m) Collaboration with corporate and social welfare organizations.

6. In order to promote Research & Innovation, the University has established a separate organisation which is governed by renowned and highly designated Scientists from DRDO and established government research Institutions and Universities in the name of Amity Science, technology and Innovation Foundation (ASTIF). The Organization of ASTIF has been divided into various wings as under:
   (a) Amity Science & Technology Revolution.
   (b) Amity Research Project development.
   (c) Amity IPR Cell.
   (d) Amity Science & Industry Interface.
   (e) Amity Eminent Scientists Forum.

7. ASTIF has taken following initiatives during 2014-15:
    Projects

    - 130 Project schemes advertised through various funding agencies were circulated to faculty members concerned and follow up meeting with them to bring clarity in preparing proposal.
    - 46 Research projects costing approximately 10.00 Crores were sanctioned by various funding agencies.
    - In order to give an impetus to quality research a project monitoring committee has been set up.

    Patents

    - IQAC along with a dedicated team looks into issues related to Patent filing.
    - 48 Patents filed during the year, 180 patents published, two <u>First examination report generated</u> and <u>05 request for examination filed</u>. Patent Cooperation Treaty (PCT) international phase completed in one case.

    Technology Transfer

    - The technology transfer team identified 27 Products/technologies for commercialization and mapped around 200 industries on behalf of concerned researchers. 23 Companies visited the Campus for making enquiries about the products. Two technologies namely "Herbal Mosquito Repellent" and "LPG sensor" were transferred to M/s Tarini Herbal Company and Realty Automation respectively. Herbal Mosquito Repellent has also been launched.
    - One Non-Disclosure Agreement (NDA) and Material Transfer Agreement (MTA) have also been signed with M/s Dow International Chemicals Pvt. Ltd. .

    Infrastructure

    - Setting up of two world class laboratories one Amity Centre for Spintronic Material (ACSM) and the other in Amity Institute of Molecular Medicine and Stem Cell Research (AIMMSCR) have been initiated.

    Lectures

    - Arranged 14 lectures related to recent advances in Science & Technology to increase the knowledge & expertise of faculties and for synergy of minds.

    MoUs

    - 03 MoU one each with Quanser Consulting Inc. Canada, Colorado State University, USA and Aryavarta Space Organization signed for promoting collaborative and associate research with national and international agencies

3.2   **Details regarding major projects**

(a) Noida Campus:

	Completed	Ongoing	Sanctioned	Submitted
Number	121	91	46	131
Outlay in Rs. Lakhs	2260.63	2497.75	992.78	6389.58

(b) Lucknow Campus:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	8	8	-
Outlay in Rs. Lakhs	-	105.93 lacs	105.93 lacs	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	5	6	2
Outlay in Rs. Lakhs	40,4016	13.6863	14.9993	1.95

3.4 Details on research publications:

(a) Noida Campus:

	International	National	Others
Peer Review Journals	684	126	-
Non-Peer Review Journals	17	3	-
e-Journals	-	-	-
Conference proceedings	246	100	-

(b) Lucknow Campus:

	International	National	Others
Peer Review Journals	120	82	-
Non-Peer Review Journals	12	5	-
e-Journals	52	31	-
Conference proceedings	15	17	-

(c) Dubai Campus:

	International	National	Others
Peer Review Journals			-
Non-Peer Review Journals			-
e-Journals			-
Conference proceedings			-

(d) Greater Noida Campus

	International	National	Others
Peer Review Journals	33	-	-
Non-Peer Review Journals	-	-	-
e-Journals	33	-	-
Conference proceedings	29	-	-

3.5 Details on Impact factor of publications:

Range 77-317   Average 194   h-index 8   Nos. in SCOPUS 799

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3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Including all campuses)	Received
Major projects	2014-15	BIRAC, DRDO, SERB DST, DST, DBT, ICSSR, SEED DST, Inspire DST, SBIRI BIRAC, CSIR, NCCD, DST FIST, DAE BRNS, ICMR.	9527.59 lakhs	941.76 lakhs
Minor Projects	2014-15	ICSSR, UGC-DAE, Directorate of Rice Research Karnal (ICAR)	14.9993 lakhs	14.9993 lakhs
Interdisciplinary Projects		-		
Industry sponsored	2013-16 2014-17 2013-14	Dabur India Ltd. DB Power Ltd E smart Pvt Ltd	32 lakhs 10 lakhs 1 lakh	11 Lakhs 2 Lakhs In process
Projects sponsored by the University/ College	2014-15	Amity Science, Technology & Innovative Foundation	11 lakhs	11 lakhs
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No.   49   Chapters in Edited Books   65

ii) Without ISBN No.   6

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [4]

DPE [✔]   DBT Scheme/funds [1]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

NA   INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   1644.71 lacs

3.11 No. of conferences organized by the Institution/University:

Level	International	National	State	University	College
Number	22	30	4	43	NA
Sponsoring agencies	CSI,IEEE,IETE, DST, DeiTY, MNRE, CSIR, SSD, PNS, DRDO, ISRO,UN SPIDER, Indian Science academy, ICMR,IRCT, American Centre (US Embassy), DBT & ICMR, AUUP .	RNS,DAE, IWID, ICMR, ICAR & AUUP	DEB	AUUP	

3.12 No. of faculty served as experts, chairpersons or resource persons   47

3.13 No. of collaborations   International   200   National   67   Any other   -

3.14 No. of linkages created during this year   39

3.15 Total budget for research for current year in lakhs :

From Funding agency   1061   From Management of University/College   517.6

Total   1578.6

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	48
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	6
	Granted	2

3.17 No. of research awards/ recognitions   received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
27	15	4	-	8		

**3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them**

341

920

3.19 No. of Ph.D. awarded by faculty from the Institution

19

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF 26   SRF 9   Project Fellows 49   Any other 18

3.21 No. of students Participated in NSS events:

University level 6   State level

National level   International level

3.22 No. of students participated in NCC events:

University level 433   State level

National level   International level

3.23 No. of Awards won in NSS: NIL

University level   State level

National level   International level

3.24 No. of Awards won in NCC:

University level 4   State level

National level   International level

3.25 No. of Extension activities organized

University forum 82   College forum NA

NCC 29   NSS   Any other 3

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Extension Activities:

➢ University of Northampton conducted Faculty Development Programme at Amity University

➢ International conference n "Human Trafficking: A Socio-Legal Facet of Modern World was held on 14 Oct 2014.

➢ Two days workshop for Forest officers n the topic : Issues involved in Man-Anima Conflict-Strategies for Mitigation 16 Jan 2015)

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- The farmers of the Uttar Pradesh area were given free samples of herbal manure and fertilisers to encourage and motivate them on better ways of high crop growth.

- A field cum training programme for farmers was organised n 13 ct 2014

- National Conference on Advances in Mathematics, NCAM-2014 (21-23 Nov 2014)

  Institutional Social Responsibility

- AMITASHA is the fountain head for Amity's commitment to the underprivileged girl child. It is not only committed to educate these children but also looks after their upkeep and maintenance. ATULASHA is another similar entity which provides the same facilities to underprivileged young boys.

- Organizing blood donation camps. More than 45 Blood Donation camps have been organized and approximately 11509 units of blood have been collected.

- Health is wealth check up camp specially for international students (10-11 Oct 2014).

- AUUP announced "Nepal Humanity Fund" to provide relief and solace to the affected people in Nepal.

- AUUP is organizing the Human Value Quarter since the past six years during which students and staff participate voluntarily in community based activities. Welfare activities by the students in the villages as a part of the Human Values Quarter activities.

- Physiotherapy clinic which is open for public in the campus.

- Mental Health Clinic has been established in Sector 26, Noida to provide advise on mental health issues to public.

- Conduct of environmental awareness workshops for faculty and lab personnel.

- Gifting of saplings to various dignitaries to spread the environment protection message.

- Organizing annual polo tournament in aid of charity.

- The University conducted a seminar on releasing JOB STRESS and ways to handle it on 18 Feb 2015.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

(a) **Noida Campus:**

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	60 acres	-	By sponsoring body i.e. (RBEF).	60
Class rooms	550	-		550
Laboratories	325	2		327
Seminar Halls	9	-		9
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	-		2,41.16
Value of the equipment purchased during the year (Rs. in Lakhs)				1085.16
Others : Sports Ground	15 acre			15 acre
Lounge & Meetings Rooms	5			5
Hostels	12	-		12
Studio	6	2		8
Psychology Lab	1			1
Physiotherapy Clinic	1			1
Mental health Clinic	1	1		2

(b) **Lucknow Campus**:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1696.4 (40 acres)	0	By sponsoring body i.e. (RBEF).through AUUP.	1696.4 (40 acres)
Class rooms	173	5		178
Laboratories	70	2		9
Seminar Halls	1	0		1
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	11	9		20

Value of the equipment purchased during the year (Rs. in Lakhs)	27,97,600	4,36,135		32,33,735
Others : Sports Ground	1	0		1
Lounge & Meetings Rooms	Lounge-1 & Meeting Rooms - 2	0		3

(c) **Dubai Campus**:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	20 million sq ft	-	By sponsoring body i.e. (RBEF)	
Class rooms		-		
Laboratories		-		
Seminar Halls	1	-		
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	-		
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-		
Others :	-	-		-
Lounge & Meetings Rooms	2	-		
Hostels	2 (190 inmates)	-		

(d) **Greater Noida Campus**:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	34	-	By sponsoring body i.e. (RBEF)	34
Class rooms	26	2		28
Laboratories	2	-		2
Seminar Halls	6	-		6
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	3			3

Value of the equipment purchased during the year (Rs. in Lakhs)	2	-		2
Others : Sports Ground	4			4
Dispensary	1			1

4.2 Computerization of administration and library: The following processes are fully automated and the information is available in the Amity intranet i.e. Amizone.

> **1. Amizone – Amity Intranet Zone** acts as a single point of access for most of the information and resources to the Students, Parents, Faculty and Staff Members of Amity. **Amizone** is repository of all data of AUUP. Amizone also offers an archive of recorded classes to students who do not want to miss out on their learning experience, some of the existing facilities on Amizone are:
>
> (a)   Student Handbook
>
> (b)   University regulations, Policies and Guidelines
>
> (c)   Academic Porgrammes
>
> (d)   Session Plans & teaching material
>
> (e)   Academic Planning Worksheet
>
> (f)   Online Time table & Attendance.
>
> (g)   Model Frame Work
>
> (h)   Programme Structure.
>
> (i)   Syllabus and Course Materials.
>
> (j)   Continuous Assessment components/tools
>
> (k)   Examination Admit Cards and Results.
>
> (l)   Online Fee bills and receipts.
>
> (m)   Faculty Feedback.
>
> (n)   Information Calendars on the following areas so that students are well aware of the deadlines and do not fail in meeting the same:
>
>   -   Block Academic Calendars.
>   -   Detailed Academic Calendar Institution wise – Programme wise.
>   -   Examination calendar
>   -   QAE calendar
>   -   Fee calendar
>
> (o)   Daily attendance
>
> (p)   Award of Scholarships and fellowships
>
> (q)   Access to online journals.
>
> (r)   Suggestion / Complaint Box.
>
> (s)   Minutes of Monthly Class representative Meetings.

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(t)   Quiz / Opinion-Polls.

(u)   Lab details (Linked to course structure).

(v)   Details of Conferences, Seminars, Lectures and Workshops.

(w)   Periodic Notices for the information and attention of the stakeholders which include students, parents and faculty and staff members.

(x)   Information Security Management System (ISMS) – ISO 27001:2005.

(y)   Integrity, Security and Confidentiality is ensured through access control and information being made available on need to know basis.

2.   Apart from all these academic information which helps in administration of the academic processes, the following areas are also uploaded on Amizone in order to streamline the other administrative requirements:

(a)   Performance Appraisal.
(b)   Faculty & staff attendance with reporting and leaving time.
(c)   Leave record of employees
(d)   Infrastructure details
(e)   Maps and Directions
(f)   Auditoriums and Seminar Halls: Venue Booking
(g)   Hostel allotment, security, parking arrangements, arrangements for events
(h)   Convocation related information like Registration process of Alumni and their guests,
(i)   Payment of Gowns, dues. etc., Virtual convocation for E-Learning and Distance
(j)   Learning Students and Details of recipients of medals & awards .
(k)   List of chemicals and consumables along with vendors and price list.
(l)   Blood Donation camps organized.
(m)   Profile of faculty and staff members.
(n)   Placement details of students
(o)   Inviting Innovative ideas from the stakeholders.

3.   Amizone is continuously updated with new features and facilities to provide rich experience to **students** and Faculty.
4.   The data generated on AMIZONE is analyzed at various levels to take corrective actions at relevant levels.

<u>**LIBRARY**</u>

1.   Amity University Central Library's sprawling building has three floors of resources which has **more than 3, 00,000 books, 17,000 e-journals**, CDs and many other useful reference materials.
2.   A large number of computer terminals with Wi-Fi enabled internet facilities are available for students to access the online resources in the Library and search the catalogue of books in KOHA software through Amity Portal (library.amizone.net).
3.   The library has subscriptions to on-line journals and databases in various areas of learning/subjects which are accessible through the intranet from all the terminals. There is a downloading facility for e-material. Students and faculty have an access to online journals like IEEE, ACM, UGC – Infonet, EBSCOhost.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	140610	69456101	1123	490813	141733	69946914
Reference Books	37639	21109955	200	92009	37839	21301964
e-Books	93 databases of sites having above 150000 books.					
Journals	175	-	4	-	179	-
e-Journals	11210		16047	-	26257	-
Digital Database	93	-	-	-	93	-
CD & Video	70	-	100		170	-

The Names of some of the Major Online Resources are given below:

1. American Institute of Physics

2. American Physical Society

3. Cambridge University Press

4. Institute of Physics

5. Nature

6. Oxford University Press

7. Portland Press

8. Royal Society of Chemistry

9. Taylor and Francis

10. ACM Digital Library

11. IEL Explore

12. EBSCO Host

13. Manupatra

14. SCC Online

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others

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Existing	2158 *	69	All computer labs have internet connection and are browsing centres and computer centres for students and faculty to do their project work and /or any other work related to browsing. The campus has wi-fi connectivity 24X7 across all academic blocks and hostels.	2241	
Added	125	3		1101	
Total	2283	72		3342	

* The number of computers has decreased because the faculties are being given laptops instead of desktops.

4.5 Computer, Internet access, training to teachers and students and any other programme for technology
   upgradation (Networking, e-Governance etc.)

Facility for developing teaching / learning material and In-house content development and updation of information in the intranet were given by the team developing the intranet i.e. Amizone from time to time. The faculties are given on the job training in Amizone i.e. intranet. The faculty development programme includes topics on technology up gradation in specific subject and Information development.

4.6 Amount spent on maintenance in lakhs :

   i) ICT   411.90

   ii) Campus Infrastructure and facilities   385.30

   iii) Equipments   423.85

   iv) Others   70.40

            Total: 1291.45

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. University has established institutional IQAC for conscious, consistent and catalytic efforts to improve the academic performance of the institutions. It evolves mechanisms and procedures for:

   (a) Ensuring timely, efficient and progressive performance of academic activities

   (b) Ensuring relevance and quality of academic and research programmes

   (c) Equitable access to and affordability of academic programmes for various sections of the society

   (d) Optimization and integration of modern methods of teaching and learning

   (e) Strengthening the credibility of evaluation procedures

   (f) Ensuring the adequacy, maintenance and functioning of the support structure and services

   (g) Ensuring Research sharing and networking with other institutions in India and abroad.

   (h) Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution

   (i) Dissemination of information on the various quality parameters of higher education

   (j) Organization of workshops, seminars on quality related themes and promotion of quality circles

   (k) Documentation of the various programmes / activities leading to quality improvement

2. The analysis and evaluation of results of both educational and operational outcomes are reviewed by the Members of IQAC to determine the areas of improvement and the changes required to be incorporated to fill the gaps.

3. The IQAC Members through notices and meetings communicate the awareness of support services of the University periodically through IQAC Meetings, Management Review Meetings, Intranet, Notice Boards, Orientation Programmes, Workshops and announcements in Class Rooms for the benefit of students.

4. The Students and Alumni are members of Institutional IQAC, Clubs/Committees, Corporate Resource Cell (CRC), etc.

5. The University IQAC & Institutional IQAC monitors the conduct of Class Representative Meetings and Mentor-Mentee Meetings. The database of the issues/points discussed is compiled and monitored and every year the compliance of the functioning of Mentor Mentee System is reported to the Management.

5.2 Efforts made by the institution for tracking the progression

1. The students progression is tracked through intranet by all the institutions as well as in the University for the following processes:

(a) Attendance.	(b) Course Review
(c) Students Learning Outcome Assessment both Direct & Indirect measures	(d) Examination Results.
(e) Weak Student Analysis	(f) Placement Analysis.
(g) Class Performance (through continuous internal assessment).	(h) Guided Self Study Courses
(i) Regular Mentoring	

2. The daily attendances of students are tracked by the Program Leaders of each Institution through intranet: Amizone, after which the attendance and the classes taken is registered and accounted for. The students are given Amizone ids through which they can access the number of classes attended by them and the percentage of attendance till date.

3. The detailed analyses of results are done by each institution and by the University to identify weak students. The weak student's go through "Guided Self Study Courses" for specific time period and mentors/faculty give them extra classes and guidance wherever necessary.

4. Placement: The Technical placements are done centrally through Amity Technical Placement Cell

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
23507	8023	582	86

(b) No. of students outside the state

18623

(c) No. of international students

248

Men

No	%
18753	58

No	%
13445	42

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
25589	422	158	2739	0	28908	28459	313	193	3233	0	32198

Demand ratio 80%   Dropout % 4

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5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Amity has a separate wing which enhances the knowledge base of students by developing their analytical skills and ability to succeed in competitive examination. It prepares student for examination such as IIT-JEE, Medical, CAT, MAT, GTSE, Olympiad etc.

Amity SSB Academy provides quality pre-selection training to candidates aspiring to join Indian Defence and Police Forces, NDA, CDSE, NCC & AFCAT.

Also, the curriculum of the final year students are so designed that the analytical skills are enhanced and the students are able to clear the entrance examination based on their programme and special electives.

No. of students beneficiaries | 466

5.5 No. of students qualified in these examinations

| NET | 20 | SET/SLET | 1 | GATE | 3 | CAT | 5 |
| IAS/IPS etc | 3 | State PSC | 1 | UPSC | 1 | Others | 81 |

5.6 Details of student counselling and career guidance

Amity has a unique Three Tier Mentoring Program where in each student has been assigned a Faculty mentor and Industry Mentor. This Mentoring program is closely monitored during audits and visits and is religiously conducted every month and is reflected in the time table.

At Amity we believe that the student's interaction outside the classroom with faculty, alumni as with the corporate denizens is essential for the overall development of the students both – academically and attitudinally.

The meeting of mentor-Mentee is conducted every month and the documented record is maintained in the prescribed format. The points which need follow ups are rigorously and continuously monitored for its closer. The Mentors keep a continues record of the progress of their Mentees and their development academically, attitudinally and professionally.

A 24 x 7 Counselling and guidance cell has been established, which is manned by professional team of psychologist and experienced faculty and Senior Officials. The % of students seeking counselling for different issues and concerns are depicted in the following figure:
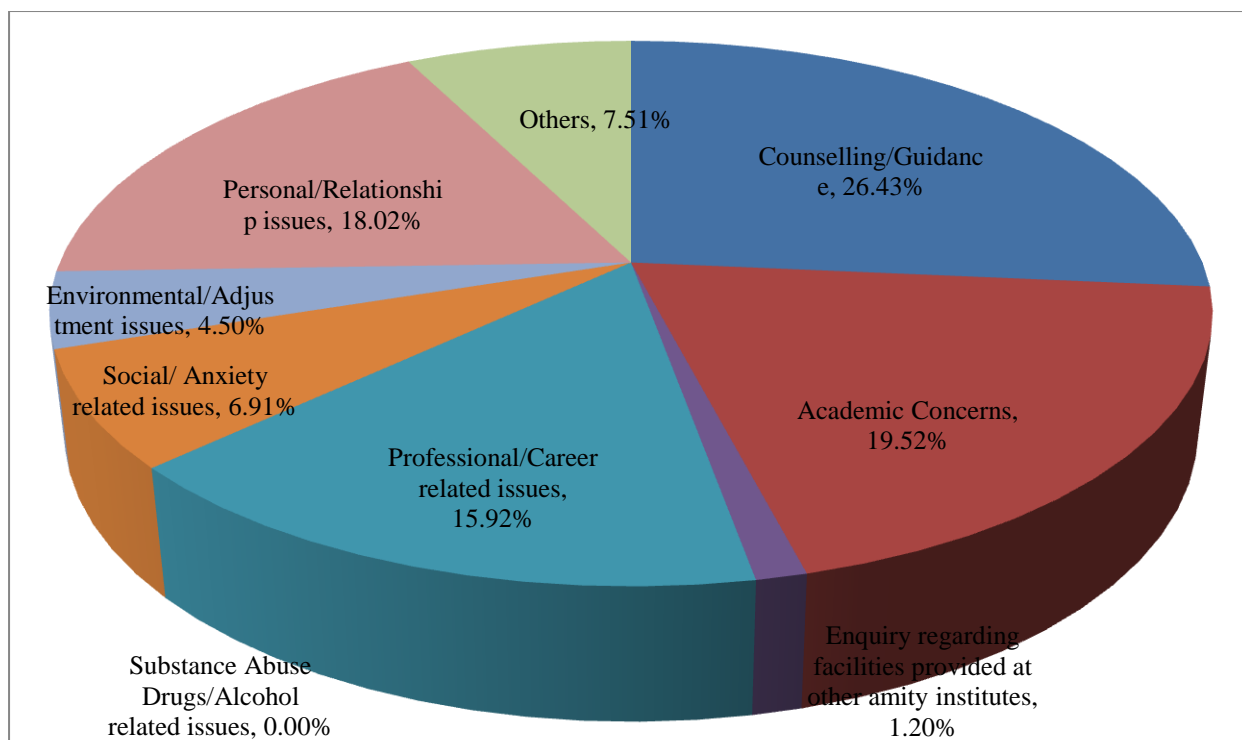
- 26.43% of the total sample approached for counselling on personal issues like stress, negative attitude, suspiciousness, complaining attitude and lack of concentration or catharsis.
- 19.52% were the students with Academic Concerns like coping up with poor performance, lack of time management, stream opted under parental/peer pressure and stress due to examinations/result.
- 18.02% were the students who had relationships and feud with friends and peers.
- 15.92% of the students showed their concern for professional/job or career related issues.
- 6.91% of the students complained anxiety and depression.
- 4.5% of the students had adjustment issues due to cultural and social barriers with their room-mates in their hostels/PG accommodation and adjusting to the culture

No. of students benefitted   333

5.7 Details of campus placement

	On campus		*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
996	6406	3827	589

5.8 Details of gender sensitization programmes

4779 students have participated in **425 activities** which have been conducted at institutional level. Capacity Building Workshop, Online campaign to pledge support against female feticide, gender sensitization, Street plays and poster competitions were directed towards Empowering girls and women. Documentary screening on lives of widows of farmers who ended their lives owing to debt led students analyze the issue with an ensemble of empathy, compassion, courage and humanity. Panel Discussion was organized on Frivolous Complaints with respect to Gender Rights, Interactive session with an acid attack survivor was organized, motivating students to face challenges and make life worth living.

Awareness drive on Child labor and Trafficking was conducted to highlight child issues. Students interacted, played games with children of all age groups at Orphanages. Need assessment was made and some of them were taken care of. The students realized that despite the lack of emotional support of a family and deprivation of basic amenities of life, these children at orphanage had a sense of cooperation, love and selflessness. This infused our students a positive attitude towards life.

Under the theme of Education, various literary activities such as debate, poetry and essay competitions highlighting moral values and safeguarding heritage were held.

BMI camps and awareness drive against diseases were held to promote health and hygiene. Yoga sessions were held for working towards holistic development of mind and body.

Types of Activities conducted in the form of debates and plays are given below:

Motivational Talk by Eminent Speaker on "Joining hands on human values and technology"	Walk/run for women's safety
Rshtriya Ekta Diwas	"Beti Bachao" , "Beti Padhao"
Talk on Women Empowerment by Advocate Mrinal	Poster making: Feminism
Life of Mary Kom	'Is Western Fashion affecting Indian Moral Values'
Awareness drive on child labour & trafficking	Drill on women safety
Capacity building workshop on legislative procedures for women	Women's day
Violence against women	Beti Bachao poster competition
Empowering Women	Parivartan -Women Empowerment

5.9 Students Activities

5.9.1   No. of students participated in Sports, Games and other events

State/ University level | 1347 | National level | 26 | International level | 7

No. of students participated in cultural events

State/ University level | 2417 | National level | 100 | International level | 63

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level | 219 | National level | 4 | International level | -

Cultural: State/ University level | 156 | National level | 23 | International level | -

Some of the events in which the students of Amity University Uttar Pradesh participated and won are listed below:

(a) All India Inter University Gymnastics (AIU) student won the Bronze Medal.
(b) North Zone & Inter Zone Football (Men) Championship event by Association of Indian Universities.
(c) North Zone & Inter Zone Kho-Kho (Men) tournament for Championship held by Association of Indian Universities.
(d) All India Inter University Archery Competition.

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	3730	23,70,19,800
Financial support from government	6	6,91,500
Financial support from other sources	214	4,20,700,00
Number of students who received International/ National recognitions	17	96,000

Amity Students have come in flying colors in various inter-Institutions Competitions organized by various Universities, Corporate and research organisations through which they have won a number of scholarships at National and international level such as IET, MIT, Purdue University, LSE, Stanford University, NTHU, Washington Centre, ISCA_INSA_NASI fellowship, NDSAP, NASSCOM etc. Amity Students have also secured ranked in national level competitions – GATE, IES, UPSC exams, The students have shown extra-ordinary entrepreneurial leadership by successful starting and growing their own ventures and contributing in job creation and economic development of the nation.

(a) Formula 1 racing car was developed by the Amity students of Mechanical and Automation Engg and participated in SAE competitions and won a prize money.
(b) Research Grant of US$ 600 from Purdue University has been awarded to one of our student for his research project titled "To prevent acoustic cryptanalysis of RSA encryption.
(c) Students designed and developed SAE Efficycle and successfully cleared technical inspection test, design test, innovative design, motor test, marketing analysis in SAE Efficycle 2014 at Chandigarh.
(d) Amity student under the guidance of faculty member has published a book titled "RF Based Smart Switch Control" of Lambert Academic Publishing (Germany).
(e) One of our student has been appointed as Tenei-mura Support Ambassador, Fukushima, Japan. He visited Japan for two weeks on a trip fully funded by Japan Embassy under JENESYS 2.0 programme.

(f) One of our student has got appreciation and was selected as the idea champion for innovative business idea among top 500 at iCUBE.

(g) Student from amity has developed many games under the name "Iron Bound Manzer". Iron Bound Manzer has published 3 games on 2 platforms so far – Android and Windows Phone 8.

(h) One of our student has won IET India Scholarship 2014 of Rs. 75,000/- in the IET National Round held in Bangalore.

(i) One of our student has won the award in the 'Digital Government' Innovation category at the grand Finale of "Accenture Innovation Jockeys Season 3, powered by Yahoo India - Hunt for India's most innovative minds across campuses" Contest , held at Taj Vivanta, Bangalore. He also Participated in the Open Data Apps Challenge and received cash award of Rs. 50,000/- in Open Data Apps Challenge organized by NIC in association with NASSCOM, under the National Data Sharing and Accessibility Policy (NDSAP), Government of India.

(j) A student of Amity has received full scholarship for NTHU Summer Research Program 2014 amongst 567 applicants from all over the world in various areas and stages of research.

(k) Four Students have won competition at IIT Kanpur's Technical and Entrepreneurial Fest, Techkriti.

(l) Two of our students have Co-founded a prestigious organization named FLUPER CORP and a software company named FLUPER Technologies in 2013.

(m) A student has received Patent for a Project 'Remote control system for controlling a DC MOTOR with a smart phone'.

(n) Two students received "Young Entrepreneur" award from Mr. Farooq Abdulla, Minister Of New & Renewable Energy, Govt. Of India for their innovation "BLUDO"

(o) One of our student of Biotechnology was selected for Prudential Foundation Global Citizens program at The Washington Center, USA with full scholarship to pursue academic course and internship at USA 27th August, 2014 to 13th December, 2014.

(p) Students of Amity Institute of Biotechnology was awarded scholarship & Gold Medal by DBT for being the 'Best Young Upcoming Biotechnologist'.
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5.11   Student organised / initiatives

Fairs   : State/ University level   28   National level   1   International level   1

Exhibition: State/ University level   18   National level   0   International level   0

5.12   No. of social initiatives undertaken by the students   65

5.13 Major grievances of students (if any) redressed: The following are the major grievances of students which were received through various listening posts and feedbacks created by the University:

   (a) Students were dissatisfied with the placement opportunities and choices given to them:

The University had issued detailed Guidelines on Placement and had formed a Committee to review the status of placement periodically.

(b) The students wanted more time for preparing for the examination:

The University had declared the last working day for each programme and had intimated the same through notice boards, intranet and circulars so that the students are aware of the dates and can plan their studies accordingly.

(c) The students during the Student Mess Committee Meeting had brought out a number of times about the quality of chapattis being served in the Cafeterias.

The Members discussed this issue and had resolved this issue by various combinations of solutions:
(i)   The chapattis should not be made before half an hour of the start of lunch.
(ii)   The dough is kept under cool conditions.
(iii)   More staff being deployed during lunch hours for making chapattis.
(iv)   The provision of ready made chapattis was also to be explored as pilot project.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION
"Building the nation and the society through providing total, integrated and trans-cultural quality education and be the global front runner in value education & nurturing talent in which modernity blends with tradition."

MISSION
"To provide education at all levels in all disciplines of modern times and in the futuristic and emerging frontier areas of knowledge, learning and research and to develop the overall personality of students by making them not only excellent professionals, but also good individuals, with understanding and regard for human values, pride in their heritage and culture, a sense of right and wrong, and yearning for perfection and imbibe attributes of courage of conviction and action."

6.2 Does the Institution have a Management Information System

Amity University has developed in-house enterprise wise information on intra-net known as AMIZONE.

1. The University intranet AMIZONE is the most comprehensive source of information on academic and non academic matters, programmes and policies of relevance to students, parents, faculty, staff members of Amity and other interested parties of AUUP. AMIZONE describes the University's code of conduct and fundamental standards stating the expectation from all key stakeholders and interested parties. All university Regulations and Policy Guidelines are outlines and published in AMIZONE.

2. Amizone offers an archive of recorded classes to students who do not want to miss out on their learning experience apart from other facilities, some of which are mentioned below:

   - Online Time table & Attendance.
   - Programme Structure.
   - Examination Admit Cards and Results.
   - Faculty Feedback.
   - Suggestion / Complaint Box.
   - Discussion forum etc.
   - Lab details (Linked to course structure).

   - Model Frame Work
   - Syllabus and Course Materials.
   - Online Fee bills and receipts.
   - Access to online journals.
   - Quiz / Opinion-Polls.
   - Performance Appraisal.
   - Details of Conferences, Seminars, Lectures and Workshops.

- Information Security Management System - Integrity, Security and Confidentiality is

 (ISMS) – ISO 27001:2005.   ensured through access control and information being made available on need to know basis.

3. Amizone is continuously updated with new features and facilities to provide rich experience to students and Faculty. Formats for various information have been evolved and flow of information has been mapped for all routine report.

4. The data generated on AMIZONE is analysed at various levels such as:
   - Student Attendance: Analysed by Course Faculty, Programme Leaders, Head of the Institution, Dean Student Academic Affairs and Support Services.
   - Admission analysis pertaining to Trends, top most demand programme/ institution analysis, etc.
   - Result Analysis, Weak Student Analysis, Student Promotion Analysis, Conduct of Examination Check Analysis.
   - Research publication data analysis, patent filed trend analysis, etc.
   - Placement Analysis
   - Human Resource : Exit Interview Analysis, Traning Workshop Feedback Analysis.
   - Feedback & Survey of Stakeholders: Student Feedback Analysis, Alumni Feedback Analysis, Parent Feedback Analysis, Industry Feedback Analysis, Faculty & Staff Feedback Analysis.
   - Resources: Environment Aspect & Impact Analysis, Comparative Power Consumption Analysis, Cafeteria Feedback Analysis, Lab Utilization, Electricity Expenditure Analysis, etc.

5. The analyzed data is disseminated horizontally and vertically and is incorporated in the institutional review, planning and decision making. Periodic reviews are conducted at institutional domain and university level where the analyzed and interpreted data is considered for the effectiveness of the research function and the suitability and usefulness of the data generated.

6. Data generated through Institutional Performance Pool based on the National Accreditation and Assessment Criteria (NAAC) is used for conduct the SWOT analysis of department/institution. The tool focuses on following seven criteria :

a. Curricular Aspects.

b. Teaching-Learning & Evaluation.

c. Research, Consultancy & Extension.

d. Infrastructure and Learning Resources.

e. Student Support and Progression.

f. Governance and Leadership.

g. Innovative Practices.

7. The AUUP has the requisite institutional research capacity which is consistent with its purposes and characteristics. It is proposed that a separate department may be created for Planning & Statistical Services which works closely with teaching institutions and support offices for various types research and data analysis and integration of learning into review and improvement of processes and learning outcomes.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

1. In line with the Mission of the University and commitment of Management to provide total, integrated and trans cultural quality education in futuristic and emerging frontiers of knowledge, AUUP has aligned their processes to globally recognized process of Curriculum Development. This has resulted in a parading shift to our process from teaching-Learning to Learning Outcome Based Curriculum. The highlights of the processes are given in the succeeding paragraphs.

2. Major revisions in the University Curriculum take place every three years. In 2013-14, a number of initiatives were taken to review/ develop the Curriculum, Programme, Learning Outcome, Assessment, Credit Hour etc for academic excellence and to comply with the various Accreditation Body Standards. The curriculum development is done as per R-17 Regulations on Curriculum Design and Development

3. Major review of Course Curriculum of all courses was done and implemented from 2014-15.

4. In addition to **Board of Studies (BoS)**, University made provisions for Constituting:
   i. **Course Review Committee (CRC)**
   ii. **Programme Review Committee (PRC)**
   iii. **Area Advisory Board (AAB)** for higher involvement of Faculty at institution level and in consultation with external expert groups (from Industry, Academics, Research) and based on the feedback from stakeholders' viz., alumni, students, parents.
   iv. The University has also made provision for constituting **Special Committee for review of Minutes of Area Advisory Board**.

5. The University implemented the Uniform Course Coding System (UCC) whereby major revision in the coding of courses was done. The main objectives of the UCC were:
   i. Standardizing the course nomenclature
   ii. Removing multiplicity of course coding
   iii. Benchmarking course curriculum and tracking course review history

6. Major restructuring of course curriculum was done with the implementation of UCC which involved defining "Streams" under various "Domains"; Categorizing courses under various streams and renaming (with same name or new name) after course mapping across various programmes; approval of Course Curriculum through AAB & Academic Council as per course format/framework; Coding of Courses based on sequencing of courses based on level of degree (Diploma, UG, PG, Doctoral).

7. A total of 176 streams in 14 Domains have been defined. With the implementation of the UCC, The total number of courses reduced from 22131 to 6500. Presently there are a total of 8706 courses.
The University has implemented the Choice Based Credit System that benchmarks its programmes with best universities globally by the University. At the Programme level, periodic reviews take place through a quality-assured process to evaluate and analyze the programmes structure. To maintain uniformity in all the programmes, Working Committees for developing Model Framework based on the level (Diploma, UG, PG and Doctoral) and duration were constituted. Semester-wise credit distribution for various course types for all UG and PG programme / degree were been defined in Model Framework. Ample flexibility has been provided in order to ensure the programme specific orientation while ensuring general education component and electives to meet student's interest and aspirations. A total of 77 Model Frameworks/Programme Groups have been developed (Annexure: Model Frameworks).

8. The University has defined Graduate Attributes that are derived from the University Mission. Each programme has defined graduate attributes that are aligned with each other from University to, Domain / Institutional level to Programme level and are as per G 52 Policy Guidelines for Programme Learning Outcomes Assessment.

9. Well defined Student learning Outcomes, which are in alignment with the Programme Learning Outcome, have been developed for each course as per G-29 Policy Guidelines for Student Learning Outcomes at Course level.

6.3.2 Teaching and Learning

The following are the improvement strategies adopted in Teaching-Learning Process:

1. Introduction of Choice Based Credit system and Flexi Time Tabling has resulted in providing ample choices to the students and allow them to make their own basket of courses. This Academic Flexibility ensured more choice to the students to meet their career goals and aspirations and align themselves with the learning-teaching pedagogy.

2. All the students are allocated a Mentor for Academic, Personal and Professional Guidance. Mentor-Mentee meetings take place every month as per the time table and instructions of the University. The system was monitored closely for more transparency and automation.

3. Special care for slow learners and disadvantaged students. Course Faculty provide personal guidance and also conducts extra classes/tutorials.

4. Well established Grievance Redressal System on academics related issues through Faculty, Mentor, Programme Leaders, Heads of Institutions, Deans, Dean Student Academic Affairs and Support Services and Vice Chancellor.

5. Shift the focus from passive to active learning through Outcome Based Education, In-house and Live projects, industry visits and collaborations for faculty & student exchange.

6. Online system to assess Programme Learning Outcomes.

7. Integration of results of assessment of SLOs into strategic planning.

8. Innovative Academic delivery processes which are application oriented and enhance industry orientation for developing skills and competency for various roles in relevant sectors.

9. Assigning Credit Weightage for student's Self work.

10. Organizing Seminars and Workshops for skill development and practical based knowledge and exposure e.g.
    - A Workshop on "Global Excellence in Engineering Education" by Prof. Krishna Vedula- Professor of Chemical Engineering and Dean Emeritus, University of Massachusetts Lowell and Co- Founder, & Executive Director of "The Indo US Collaboration for Engineering Education (IUCEE)".
    - Prof. Ramesh K. Goyal**,** Distinguished Professor, Institute of Life Sciences, Ahmedabad University and Ex Vice-Chancellor, The M. S. University of Baroda delivered a lecture on the topic "Passion for New Drug Discovery at Academic Institutions**".**
    - A three day Afro Asian Congress on "Microbes for Human & Environment Health".
    - Confederation of Indian Industry(CII) in association with Amity University organized a one day summit 'E2E-Education to Employment: Fostering Employability and Entrepreneurship' .
    - Structural Training Required for Budding Engineers for bridging Industry-Academia Gap, opines Industry Experts during TRANCE 2014 National Conference.
    - Amity University in association with Italian Embassy started a two-day Indo-Italian workshop on 'Food Technology and Cold Chain Management'
    - To address challenges in the forestry sector worldwide, one week Optical Remote Sensing training workshop on 'Co-development of Remote Sensing Protocols for Forest Carbon Mapping' under USAID Forest Plus Program.
    - Eminent Scientists enlighten the Young Minds during the Inauguration of "Innovation in Science Pursuit for Inspired Research (INSPIRE) Internship Programme" .
    - The three day spectacle at Amity Youth Festival epitomizes the creativity and vigor of the quintessential spirit of Amity University and its students. The three day fest will include plethora of technical as well as cultural events which will showcase and assess the multifarious talents of the youth.
    - Special Lecture by Dr. P.K Gupta-Specialty Strategy Theatre Lead, Asia Pacific and Japan, EMC Corporation on "Digital Transformation in the age of Cloud, Big Data, Mobile and Social" .
    - To familiarize the students about emergence of New Age technology and the concept of Physical Web, Department of Computer Science and Engineering organized 3rd ACM Distinguish Lecture Series by America's First World Wide Web Expert Prof. (Dr.) Bebo, Stanford University, USA on the topic "Preparing for the 'Web of Things'".

11. Appoint distinguished and eminent scientists / academicians as professor emeritus under USER scheme of UGC.

- Eminent Environmental Advocates lay stress on the importance of enforcement of International Environmental Law during the Inaugural Ceremony of 3rd International Moot Court Competition.
- Lecture on 'Global Perspectives for HR' by Mr. G P Rao, Management Advisor & CEO, GPR Consulting.
- To spread the awareness about increase in Cardiovascular Disorders & their management, Amity Institute of Pharmacy (AIP) in association with International Academy of Cardiovascular Sciences, IACS (India Chapter) organized 7th International Conference on "Recent Advances in Cardiovascular Sciences – 2015"(RACS7).

Empanel prolific experts as visiting professors/honorary professors to be actively engaged in research guidance / activities and specialized lectures.

1. The University has a continuous system of assessment of students which covers class test, viva, quiz, case discussion, presentation, analysis, home assignment, project, seminar, etc.

2. Relative Grading system is used. The level of student's academic performance is reflected by letter grades on a 10 point scale.

3. Online results are accessible to students and parents.

4. The detailed examination calendar is prepared before the start of academic session.

5. The detailed analysis of results with respect to CGPA and weak students are done regularly at the Institution as well as University level.

6. The OMR Sheets have been revised and made user friendly

7. Implementation of Uniform Course Coding brought in uniformity in evaluation process and reducing the number of examination being conducted.

8. To prevent Plagiarism, the use of Turnitin Software was implemented in the year 2014 for evaluation of Projects and Dissertation reports.

9. The Results from implementing the Outcome Assessment Plans for all the programmes were summarised and compared for their achievement e.g. For a MBA Programme, each Programme Learning Outcome was mapped as per the assessment measure/method planned and their achievement were analysed for identifying the gaps in performance of the students.

10. Both Direct and Indirect assessment tools and targets were framed for each programme.

11. Based on the Assessment method, Rubrics for Assessment of each course were framed which covered the following aspects:

(a) Assessment Parameters   (e) Scoring method
(b) Tools used for Assessment   (f) Individual Score Sheet
(c) Programme/Batch Score Sheet   (g) description of Rubrics in a 5 point scale
(d) Compilation of results/score

12.	- Specialisation/Area Specific- 15 Questions / 30 Marks, Section D: - General Education, General Awareness & Life-long Learning- 15 Questions / 15 Marks, Section E: - Ethics, Social & Environmental Impact- 10 Questions / 15 Mark, . Section F: Information and Digital Literacy – 10 Questions / 10 Marks, . Section G: Global Outlook – 10 Questions / 10 Marks, Section H: - Employability and Entrepreneurship- 10 Questions / 10 Marks).
13.	The checks on the conduct of examination are checked through various University Offices to assure that the conduct is smooth and as per the guidelines of the Supreme Court and the University. The checks are conducted at three stages: Pre-Conduct Activities of Examination, Conduct of Examination and Post Conduct of examination. The Institutions are required to send their report in the prescribed formats a day before the conduct of examination that they have carried out all the checks. On the day of the examination, Teams from Quality Assurance & Enhancement, Observers nominated by the Controller of Examinations, and other authorised Officers visit the Examination Rooms and reports are sent to the Institutions and Management for Corrective/Preventive Actions. At the end of the examination, a consolidated report is prepared to identify the major gaps for continuous improvement of the examination and evaluation process.

6.3.4 Research and Development

1. Research & Development were the prime focus of the University and hence it was named as Research & Innovation driven University.

2. In order t o motivate the faculty to do Research, Directorate of Research for each Domain was established. The Heads of the Directorate were given targets during the Annual Academic Planning for admissions in Research, Publications and Patents.

3. Amity - York Joint Workshop for promoting collaborative work and academic activities was conducted at Amity University Uttar Pradesh campus on 13 November, 2014. Subsequently, MoU was signed on 13 November, 2014.

4. **Patents (Annual Year Jan- Dec 2014)**
   - Total of 697 patents filed till date out of which 48 were filed in 2014.
   - Published Patents :- Total number of published patents are 368 out of which 135 were published in 2014
   - RFE :- Total number of RFE Filed are 159 out of which 13 were filed in 2014
   - FER:- 1 issued

5. **Projects :**
   No. of Sanctioned Projects (April 2014-March 2015)=48
   No. of Completed Project (April 2014-March 2015)= 29

6. **Publications (Annual Year Jan- Dec 2014)**
   - Publications in Books/Chapters : 71
   - Research Publication : 830
   - Conference Proceedings : 346

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7. Technology Transferred:

- The technology transfer team identified 27 Products/technologies for commercialization and mapped around 200 industries on behalf of concerned researchers. 23 Companies visited the Campus for making enquiries about the products. Two technologies namely 'Herbal Mosquito Repellent' and 'LPG sensor' were transferred to M/s Tarini Herbal Company and Realty Automation respectively. Tarini Herbal Company has already launched Herbal Mosquito Repellent.
- Details of above mentioned contribution to society and nation Building are available on following web-links:

http://www.amity.edu/beyond-academics.aspx
http://www.amity.edu/social-initiatives.aspx
http://www.amity.edu/event-list.aspx

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

The Amity University has a Central Library where a;; library functions, operations and services are provided centrally. All in-house operations in the library are fully computerized using the KOHA Open Source Software & Software life cycle management (SLIM).

- Digitization of library materials including Rare and Out of Print books but in demand
- Digitization of Theses and Dissertations submitted to the institute
- External Digitization projects
- Scanning and printing facility for the students

ICT:

The IT infrastructure at Amity University has been upgraded by adopting the following strategies:
(a) Campus covered with high throughput indoor and outdoor Wi-Fi access points
(b) Smart cameras surveillance with IP cameras through the campus
(c) Lecture recording and live transmission of class lectures and events over intranet and internet
(d) 1 GBPS Internet Bandwidth from multiple ISPs to maintain redundancy and hassle free internet connectivity
(e) Consolidation of 60 Servers on virtual platform using VMware and HP Blades servers
(f) 28 TB of useable EMC NAS/SAN storage with fiber channel connectivity
(g) One network across the country. All Amity locations are connected through redundant MPLS VPN network using 100 Mbps throughout at hub location to access intranet/internet resources' under uniform network policy
(h) Overseas campuses of Amity also connected to hub location via secured VPN network
(i) Enterprise class Cisco Catalyst 6500 Series high performance modular switches with Hot Standby Router Protocol (HSRP) for load balancing and high availability
(j) Enterprise level Next Generation firewall appliances in redundant mode with fully integrated intrusion prevention(IPS), application control, antivirus, web filter, email filter and traffic shaper
(k) MAC address and user login based dual authentication for all Wi-Fi users with tracking and monitoring.
(l) Bio-Metric machines used over the intranet for employee attendance connected to server at hub location.
(m) Digital Signage System introduced to distribute and inform latest information instantly.

Amity also offers Tele-education in 53 Pan-African nations through a Govt. of India Project.

Physical Infrastructure/Instrumentation:

(a) The University has a fully self-sufficient campus having number of eating outlets with multiple menu options, departmental stores, laundry, saloon have been developed.

> A comprehensive sports complex with multiple sports facilities ensures a well rounded personality for the students. This facility has become popular because of the Outdoor Activity Based Course (OABC) opted by the students through

(b) Choice Based Credit System.
(c) One 1000 Tonne Chiller of Latest Technology with Green Gas Emission from Trane has been installed in the year 2014-15 replacing the old Blue Star Chillers
(d) I Mega Watt Transformers has been installed to rationalise the load of 9.5 Mega Watt of electricity being commissioned for the University by UPCCL.
(e) Commissioning of 1 Mega Watt Solar Power Plant in the roof tops of the blocks.

Learning Studios

(f) are the focal point for conducting Amity University's various online courses through distance learning. Live Virtual Classes are held wherein faculty members conduct tutorials using various teaching aids including PPTs, graphics, etc.

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6.3.7 Faculty and Staff recruitment

1. The Annual Academic Planning takes care of the Manpower planning along with the academic, operational and financial planning etc. for conduct of programmes of all the institutions as per norms. The academic planning is reviewed and finalized every year by IQAC at various levels and University Planning Sub-Committee before the commencement of the Academic Session.

2. Before the commencement of programme, requisite faculties are recruited for the programme, as per manpower planning and the norms of UGC and other relevant statutory bodies. Amity University Uttar Pradesh maintains requisite number of faculties for each discipline.

3. Faculty members are recruited through a rigorous selection process in compliance with the prescribed educational qualification and experience relevant to an area as per prescribed norms of UGC.

4. Visiting Faculty is recruited as per "**Visiting Faculty Guidelines"** to teach specialized courses or in case there is shortage of competent faculty to teach a particular course in a semester.

5. Regular training and Faculty Development Programmes are organized by Amity Academic Staff College (AASC) under three categories, viz. Orientation Programmes, Workshops on Pedagogies, tools and technologies & Refresher Programmes.

6. In addition to above faculty members are nominated to attend the seminars workshops at national and international levels.

7. Faculty members at AUUP are encouraged to research, publish papers, books; case studies etc. in peer reviewed indexed journals. Guest lecturers/ industrialists are also invited for sharing their knowledge to students.

8. Faculty teaching, research and institutional activity load is balanced keeping in view their areas of competency, experience and institutional objectives.

9. Staff Recruitment also takes place through Academic Planning and need basis through a rigorous selection process in compliance with the prescribed educational qualification and experience relevant to the area of work/responsibility and are recommended by the selection committee appointed for the purpose.

6.3.8 Industry Interaction / Collaboration

Regular Management Development Programmes (MDPs), Seminars, Consultancy, Quiz Contests, Research & Resource Sharing, the Centre organizes the following specific programmes:

(a) CEOs Forum: The Corporate Mind Sharing: In this forum, 3 to 4 CEOs from diversified industry sectors are invited to speak and interact with students on specific topics. Over 1500 CEOs have already visited the campus for these forums.

(b) CEOs Dinner Series: Interacting with Corporate Leaders. As a truly unique experience, Amity invites top CEOs to dine with a group of 9-10 students. Students not only overcome the anxieties of interacting with a leading personality, but also develop close friendship with a mentor for life

(c) Corporate Mentoring Programme: Getting an insight into the real life corporate world. Students are paired with a corporate professional based on their area of interest and specialization. They are provided with the insights and experience deemed essential to face the corporate realities. They are also given advice on how to succeed in their chosen profession

(d) Industry Captains: Sharing Corporate insights: Amity has been regularly inviting heads of leading Indian companies. They offer insights into latest issues concerning the economy to stimulate and enhance the intellectual climate of the University.

Session with Statesmen: Views of Visionaries. The mission of Amity University is to groom students who will shape India's tomorrow. That is why there is a regular interaction on Campus with leaders for inspiration

(e) Leading International Academicians: Leading international speakers and visiting academicians regularly visit Amity University Campus to share their experiences. It gives the students a global view of any issue and sharpens their skills to emerge a winner.

(f) Amity International Centre lecture Series: A Platform for intellectual deliberations. This platform provides a unique opportunity to discuss and debate on a multitude of contemporary issues both of national and international significance in diverse fields ranging from Science, Technology, commerce, judiciary, executive, legislature, management to Spirituality and Philosophy, etc.

(g) The Alumni Meet: The Alumni's are part of various activities conducted in the Institutions for the continuous improvement of the processes. Some of them are listed below:

   i.   Alumni are part of Internal Quality Assurance Cell (IQAC) of the Institution.
  ii.   Alumni are invited to share their experience and give inputs during Orientation Programme for fresh batch of students.
 iii.   Alumni's are invited for interaction with the existing students.
  iv.   Alumni's also play as Mentors to the students and have regular interaction s with the students on the career and goals.

The entire admission process is fully automated and user friendly. The following facilities are available to the aspirants when they log in to the web site of the University:

1. Application procedure. All degree programmes (UG, PG & Doctoral level) have well defined; entry level requirements are as per UGC norms and are published in the admission prospectus and Amity admissions website. Further, the admission process and admission norms for each degree programmes is clearly defined in University Regulations on Admissions and enrolments of students in regular, online/distance learning programme.

2. Live Counselling through chats and telephone:24 x 7 live counselling along with FAQs are available on line. The student queries are also responded through Professors and Professionals, in case the need arises.

3. Career Test: With so many choices, the decision can become quite confusing. However, the student's can just take our Online Career Aptitude Test, and decide what best suits his/her personality and interests.

4. Amity Scholarship details: Amity has always been driven by the vision to develop the next generation of leadership for organisations, communities and society at large. Amity Scholarships are instituted to help those who are brilliant in academics and those who deserve world-class education but don't have the means.

5. Education Loans: The University has tie-ups with various banks for producing educational loans for students. The finance department, DSW and admissions department help the student with the necessary information related to financial assistance.

6. Amity Micro Site: The students are given their ids and password through which they can gather information about their admission status, details of the programme options

Teaching	1. Comprehensive Medical insurance cover. 2. Amity Clinic where 24 hours doctor is available for consultancy and treatment. 3. Maternity benefits. 4. Medical Leave. 5. Yoga Classes. 6. Psychological Counselling by experts. 7. 24 hour power supply 8. Wi-Fi Facility. 9. Dedicated Cabins. 10. Creche Facility. 11. Synergy Cards wherein discounted items can be purchased at prominent shopping areas in the vicinity of NCR. 12. Child Allowance. 13. Cafeteria facilities. 14. Shopping complex. 15. Transport 16. Bank facility inside the campus.
Non teaching	

Students	1. Comprehensive Medical insurance cover. 2. Amity Clinic where 24 hours doctor is available for consultancy and treatment. 3. Loan Faciltiies benefits. 4. Scholarships for merit and need basis. 5. Yoga Classes. 6. Psychological Counselling by experts. 7. 24 hour power supply 8. Wi-Fi Facility. 9. Synergy Cards wherein discounted items can be purchased at prominent shopping areas in the vicinity of NCR. 10. Cafeteria facilities. 11. Shopping complex. 12. Transport 13. Bank facility inside the campus.

6.5 Total corpus fund generated

INR 450,796,775/-

6.6 Whether annual financial audit has been done   Yes ✔   No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been prepared?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	BSI	YES	IQAC/QAE/
Administrative	Yes	BSI		University Internal Team

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes   Yes ✔   No ☐

For PG Programmes   Yes ✔   No ☐

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6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. The University has a continuous system of assessment of students which covers class test, viva, quiz, case discussion, presentation, analysis, home assignment, project, seminar, etc.

2. Relative Grading system is used. The level of student's academic performance is reflected by letter grades on a 10 point scale.

3. Online results are accessible to students and parents.

4. The detailed examination calendar is prepared before the start of academic session.

5. The detailed analysis of results with respect to CGPA and weak students are done regularly at the Institution as well as University level.

6. The OMR Sheets have been revised and made user friendly

7. Implementation of Uniform Course Coding brought in uniformity in evaluation process and reducing the number of examination being conducted.

8. To prevent Plagiarism, the use of Turnitin Software was implemented in the year 2014 for evaluation of Projects and Dissertation reports.

9. Both Direct and Indirect assessment tools and targets were framed for each programme.

10. Based on the Assessment method, Rubrics for Assessment of each course were framed which covered the following aspects:

    (a) Assessment Parameters   (e) Scoring method
    (b) Tools used for Assessment   (f) Individual Score Sheet
    (c) Programme/Batch Score Sheet   (g) description of Rubrics in a 5 point scale
    (d) Compilation of results/score

11. The pattern of comprehensive examination has been developed in such a manner that the examination paper is based on multiple choice questions and the question paper consists of fixed sections wherein all SLOs and Modules are covered.

12. The checks on the conduct of examination are checked through various University Offices to assure that the conduct is smooth and as per the guidelines of the Supreme Court and the University. The checks are conducted at three stages: Pre-Conduct Activities of Examination, Conduct of Examination and Post Conduct of examination.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

1. The University has qualified and competent administrators to provide effective educational leadership and management at various levels such as:
   a.   a. University Level
   b.   b. Faculty of Studies / Domain Level
   c.   c. Institution Level
   d.   d. Department Level
   e.   e. Stream / Area Level
   f.   f. Programme Level
   g.   g. Course Level
   h.   h. Student Level

2. At domain /institution level, a number of leadership's positions exist to ensure their involvement in formulating and implementing various policies and regulations for efficient Governance:
   a.   Faculty of Study / Domain level Leadership
      i.   Deans of faculty of studies
      ii.   Chairman FRC
      iii. Chairman, IQAC
      iv.   Chairman, MRM
      v.   Domain Head and Coordinators

   e.   Heads of Institutions / Directors

   f.   Head of Departments
        Research Coordinators
        Quality Coordinators
        Placement Coordinators
   g.   Stream/Area Level Leadership
        -    Stream Coordinator

   h.   Programme Level Leadership
        -    Programme Director/Programme Coordinator/Programme Leader

   i.   Course Level Leadership
        -    Chief Course Coordinator
   j.   Student Level Leadership
        -    Class representatives
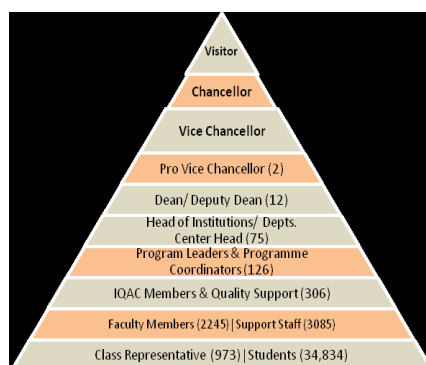
6.11 Activities and support from the Alumni Association

1. The Alumni's are part of various activities conducted in the Institutions for the continuous improvement of the processes. Some of them are listed below:

    (a) Alumni are part of Internal Quality Assurance Cell (IQAC) of the Institution.
    (b) Alumni are invited to share their experience and give inputs during Orientation Programme for fresh batch of students.
    (c) Alumni's also play as Mentors to the students and have regular interaction s with the students on the career and goals.
    (d) Alumni Meets are organized to provide opportunity to students to interact and learn from the experiences of their seniors. The alumni Meets are organized at Institution level, campus level as well as University level.

2. Alumni surveys and feedbacks are taken and analyzed periodically on various issues in order to bridge the gaps and taken preventive actions accordingly.

6.12 Activities and support from the Parent – Teacher Association

Parents are connected to Amity through Amizone (intranet), emails and mobiles. Their feedbacks are obtained annually. They are informed about their wards performance frequently and in case the students are not meetings the attendance of passing criteria they are called for personal interaction by faculty/programme leader/ Mentor/ HOI/Director Academics and Vice Chancellor.

The records of such interactions are maintained.

6.13 Development programmes for support staff

1. In order to enhance the skills of the staff, time-to-time various Staff Development Programmes (**SDPs**) are conducted as per the policy for Staff Development Programmes.

2. Amity University has a dedicated Amity Academic staff College (**AASC**). The college regularly conducts Staff Development Programmes (**SDPs**), which are planned and conducted with objectives to:
    (a) Upgrade the knowledge & professional skills

    (b) Improve teaching, learning skills

    (c) Improve assessment of learning outcomes.
3. SDPs include following:
    (a) Orientation Programmes
    (b) Effectiveness Programmes
    (c) Domain Specific Refresher Programmes
    (d) Specialized Programmes

4. They are encouraged to take part in Seminars/Workshops /Conferences in India and Abroad.
5. The University applies timely conduction of Performance Based Appraisal System (PBAS), which are based on their Performance
6. Further, support staff members are given Incentives, Increments and Promotions based on their performance and additional responsibilities.

7. Some of the topics of SDPs conducted are listed below:

- Amity Academic Structure and Systems
- SAS Software
- Briefing on Registration, Document verification& orientation programme.
- Amizone- An Enterprise Resource Planning
- Excellence in Industry Interaction and Placement
- Briefing Session for non Teaching Support Staff for Academic Session 2015-2016
- Workshop on Mentor Mentee System at Amity
- Communication Skills and Team Building

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. AUUP has taken various initiatives towards protection of the environment. Some of these are:
   (a) Obtained the following ISO certification
      - Environment Management System (ISO 14001:2004) Certification in 2006.
      - Information Security Management System (ISO 27001:2005) in 2008.
      - Food Safety Management System (ISO 22000:2005) Certification in 2009.
      - Energy Management System (ISO 50001:2011) Certification in 2012
   (b) The University has installed 1 Mega Watt Salor Power Plant in addition to the 9 Mega Watt Electricity obtained from UPCCL.
   (c) The University has 42 Rain Water Harvesting Wells with the capacity of 40000 litres.
   (d) It also has 4 Sewage Treatment Plants with capacity of over 10 lac litres per day and 9 Effluent Treatment Plants with a capacity of over 50 lac litres per day.
   (e) Smoke Free Campus.
   (f) 3. Liquid effluents are treated in ETPs. Solid hazardous waste is handled and disposed off as per the SOP evolved for the same. Hazard categorization of labs has been done.
   (g) Organizing and also participating in environmental conferences and seminars.
   (h) Conduct of environmental awareness workshops for students, faculty, staff and lab personnel
   (i) Research projects and consultancy. 87 research projects totalling more than Rs 17 Crores have been undertaken.
   (j) Conduct of a compulsory 4 credit environment module as a part of all UG Programmes.
   (k) In house Environment related projects are given to the students for exposure to the environmental related issues in the campus.
   (l) Promoting organic farming amongst the farmers of the area by way of training and consultancy.
   (m) Gifting of plants to various dignitaries to spread the environment protection message.

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Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details.

1. At Amity University, we have benchmarked our education system to the new and evolving system of Choice Based Credit System. By virtue of this we have standardized and aligned ourselves with international practices. Amity University has replaced its traditional Credit System with Outcome Based Education System which is measurable in nature and also helps students divide their courses and credits as per their choices and also gives them flexibility to prepare their own Academic Planning Worksheets.
2. Uniform Course Coding has helped us to reduce credits by enhancing the component of self-paced learning which helps students to apply their learning to various problems and bring innovation and be industry ready in the global environment.
3. A variety of courses have been introduced to enhance entrepreneurial as well as social skills in the students. As a part of this endeavor the following courses are introduced:
   o Entrepreneurial Awareness Campaigns
   o Outdoor Activity Based Courses
   o Human Value Community Outreach Programs
   o Military Training Camps
   o Basic Course in Music, Contemporary Art, etc.
   o Courses in Sports and Games.

4. Flexi Time Table: Students are allowed to chose from various options available to them as per their skills and career aspirations and make their own basket of courses as per their planning of time and day.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the Beginning of the year

S No.	Target planned at the beginning of the year 2014-15	Action Taken Report
1.	Introduction of Uniform course coding	1.G-33 "Policy Guidelines -Uniform Course Coding System" were approved by the competent authority. 2.Implemented from academic year 2014. 3.All Academic Programme & Course Code were modified accordingly and uniformity adopted in Teaching-Learning, Examination and Evaluation Processes.
2.	Introduction of Choice Based Credit system and Flexi Time Tabling	1. G-44 "Policy Guidelines for Credit System Academic Credit Hour & Time Tabling" were implemented.

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		2. The Teaching-Learning & Evaluation were conducted as per the approved Guidelines.
3.	Formation of Strategic Placement process	1. G-60 "Policy Guidelines for Student Placement" was prepared and approved by the competent authority. 2. Implementation of the guidelines wef Academic Session 2014-15. 3. Review Meetings to be held periodically to update the status of the student's placement and the completion of the activities as per the process/guidelines.
4.	Use of Turnitin software	1. G-61 "Policy Guidelines for Plagiarism Prevention" was approved. 2. Implemented from academic year 2014.
5.	Involvement of Industry and academia experts and alumni as the member of Area Advisory Board (AAB)	The Senior Members from Industry and Corporate, Academic Institutions and Alumni who are experts in specific area/field are included as Members of AAB. The meeting of the AAB are held periodically to update the curriculum and pedagogy of Learning – Teaching.
6.	Encourage faculty to maximize research contribution, improve teaching learning pedagogy and involvement in various scholarly activities.	1. Implementation of performance based appraisal system by linking appraisals with research contribution, teaching learning pedagogy and involvement in various scholarly activities 2. The Annual Academic Planning of the forthcoming Academic Session is also done keeping in view the targets set at various levels: (a) Individual Faculty Level (at least 3-4 papers per faculty). (b) Institutional Level (c) Domain Level (d) University Level

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

1. Course on Human Value & Community Out Reach:

   (a) Human Values & Community Outreach (UG level) and Community Outreach (PG Level) courses have been offered by the University to students across all institutions since 2014-2015.

   (b) The above two courses are part of the course curriculum and are offered as an open elective in the category of Outdoor activity Based Course (OABC). The objective is to generate awareness about human values, social caring and to prepare the students for engaging in social services activities that enhance the quality of life for themselves and others, Students earn a credit for this course.

2. **Master Academic Planning Worksheet (APW) –Academic Planning Worksheet**

   (a) Academic Planning Worksheet (APW) is available on the University intranet i.e. AMIZONE for students as per the Programme Structure and Model Framework for their respective programme. Student is expected to earn the minimum number of credits for a course type/ semester as prescribed in the model framework of their programme.

   (b) Students choose the courses from the offerings and make their own Academic Planning worksheet. The minimum credit requirement in a semester is given on the top of the Student Academic Planning Worksheet and apart from the courses which are compulsory in nature, students make their own basket of courses from the electives as per their area of interest.

   (c) The course requirement is available to the students in the Course Session Plan which is accessible on Amizone for each course that student selects to make his/her Academic Planning Worksheet. Session Plan includes course curriculum, Associated Credit Units, Course Objectives, Intended Student Learning Outcomes and assessment Plan and tools of evaluation. Numbers of sessions to be planned for a course are also uploaded on AMIZONE. The session plan helps students themselves before attending a particular session.

   (d) The Institutions/departments prepare, review the weekly class time-tabling and upload same on AMIZONE prior to the start of each semester to ensure that all classes are scheduled for the minimum number of session(s) of 50 minutes each.

(e) The Students will select and register for the course time slot. Students make their own time-table and each student in a class may have a different timetable of his / her own. The Students are provided with an opportunity to graduate with majors – one in their own professional area and the minor one from the other discipline, depending on the interest developed by students in their own discipline or another during their study.

7.4 Whether environmental audit was conducted?   Yes   No

✔

7.5.Any other relevant information the institution wishes to add.

 (for example SWOT Analysis)

1. The University has developed a methodology /tool based on the seven criteria's of NAAC for assessing the Performance of all its constituents (Institutions). This tool is developed using the 32 key aspects and 205 Assessment Indicators given by NAAC into 615 micro indicators with marking scheme so that the Institutions can grade themselves and conduct the SWOT analysis of department/institution.
2. The tool has been developed and deployed with an aim that institution staff should be able to gauge their institutional performance based on evidential records maintained at the institutional level. List of documents has been developed along with assessment tool.
3. A workshop was conducted on 8 Jan 2015 under the aiges of Hon'ble Vice Chancellor to familiarize the institutional faculty with the assessment tool and they were assigned the task of carrying out their self-assessment of their institution. This was followed by various workshops at Domain Level for better understating and awareness of the assessmewnt tool across all stakeholders including IQAC Members.

4. The IQACs of various institutions have already conducted the self-assessment of their respective institutions which has given them an insight in to their strengths & weaknesses. They have been advised to set their objectives to bring improvement in their performances.

8. **Plans of institution for next year**

1. The five years goals of the University is achieved by developing and implementing long-term and annual academic plans worked together by involvement of HoIs, IQAC and Faculty members at each Institution, Domain and University as a whole. All the Head of Institutions / Departments are requested to make their relevant Plan of Actions (PoAs) based on the Roadmap under the following headings:

   (a) Academic Planning and strategy

   (b) Academic & Teaching-learning Strategy

   (c) Resource Planning

   (d) Infrastructure Planning

   (e) Faculty/staff Planning

   (f) Learning Resource Planning

   (g) Industry Interaction and placement planning & Strategy

   (h) Research and Innovation Planning & Strategy

   (i) Internationalization Planning & Strategy

   (j) Student development activities Planning & Strategy

   (k) Faculty Development activities Planning & Strategy

   (l) Events Planning, Workshops, seminars etc Planning

   (m).Annual Calendars – University, Institutional, Programme and department level

   (n) Operational Planning & Strategy

   (o) Financial Planning

2. The Planning is aligned with the Vision & Mission of the University, based on which Institutional performance both at National and International Level are applied for (Accreditation Bodies, Ranking, Awards and Certificates), the details of which are given below:

   (a) Ranking & Accreditation:
   - (i) QS Ranking within Top 200 Universities
   - (ii) Institutional Self Assessment Score based on NAAC Criteria with continuous improvement.
   - (iii) Re-visit processes and systems - key deliverables to benchmark levels and achieve higher accreditations from international accreditation bodies like WASC & IACBE.
   - (iv) To get reputed & relevant National / International Accreditations for Program / Institution / University.

   (b) Polices, Processes & Systems:
   - (i) To develop and realign, streamline and improve various policies, Regulations, systems and SOPs for efficient and effective working of all Institutional processes both at macro, meso and micro level.
   - (ii) To ensure automation of all processes of Academics, Examinations, Industry Interaction, Alumni, Student activities, HR, Admin & Finance.

(c) Internationalisation:
- (i) To increase presence of International Students to 3000 in three years.
- (ii) To increase International Faculty (atleast 10% faculty in five years.
- (iii) To increase Exchange Programmes for Faculty and Students.
- (iv) Joint Research Collaboration with reputed Universities.

(d) Intellectual Capital Enhancement:
- (i) Quality Faculty Recruitment as regular, emeritus and guest faculty.
- (ii) Appointment of Area Advisory Board for Curriculum Review.
- (iii) FDPs through rigorous training programs, refresher courses and participation in seminar and conferences to enhance skills.
- (iv) Recruitment and Induction of International Faculty
- (v) Appointment of External Examiners for various programmes as per international standards.
- (vi) Enhance satisfactions of all stakeholders through participation & engagement.

(e) Student Progression:
- (i) Quality of Placement to be enhanced and the objective should be to increase the % of students placed.
- (ii) Percentage of students getting with multiple options should be increased.
- (iii) To track alumni performance and career progression.

(f) Academics:
- (i) To revise and review the curriculum based on the pattern Outcome Based Education.
- (ii) To include Study Abroad Programme in the Model Framework in selected Domains.
- (iii) To Incorporate feedback of all stakeholders for curriculum development and teaching pedagogy.
- (iv) To incorporate Programme Education Objectives, Student Learning Outcomes (SLOs) and measurement tools for SLOs in all programmes/courses.

(g) Field Centric Learning:
- (i) To give industry centric assignments, live projects and in-house projects to the students for better understanding and practical exposure.
- (ii) To assess the students based on the Outcome based tools developed both direct and indirect measures.

(h) Research, Innovation & Consultancy:
- (iii) To enhance the academic reputation of University - 40% weightage in QS , 25% in NAAC by being the best & biggest private contributor in Research & Innovation in India & Globally.
- (iv) To increase research publications per faculty in reputed indexed peer reviewed journals
- (v) To have at least 250 Research Projects funded by Govt. , industry and informational agencies of National and International repute.

3. Planning for library and computer development is done on the following norms for Books, Journals, Library facilities, Computer, Software, Internet, Printers:

(a) Library – It is ensured that Amity University Central Library has the text books of all the courses of the respective programmes in sufficient number. The sprawling building has three floors of resources which has more than 2,00,000 books, 17,000 e-journals, CDs and many other useful reference materials for students to get knowledge and expertise in their respective fields.

A large number of computer terminals with Wi-Fi enabled internet facilities is available for students to access the online resources in the Library and search the catalogue of books in KOHA, an advanced Library Software System. They can be checked in the Amity Portal (library.amizone.net).

The Library Resources are planned as per the format given below:-
(i) BOOKS

S.No.	Institute	Course Code & Course Title	No.of Titles Available	Volumes Available	New Title Required	No. of Volumes of New Titles Required	Estimated Expenditure (Rs)

(ii) JOURNALS/MONOGRAPHS

S.No.	Institute	Domain/ Area	Type of Journal/ Monograph/ Popular and News Magazines/ Newspapers etc.)	No. of Titles Available	Volumes Available	New Titles Required	Estimated Expenditure (Rs)

(b) Labs and Studios- Labs and studios are sufficient in number and as per the requirement standards given by the statutory bodies or relevant regulatory bodies. They are developed to provide opportunities for students to learn procedural skills in a setting where they can observe, practice, explore, solve problems and gain mastery through hands-on use of disciplinary tools and techniques. Students are guided by the lab/studio instructors as students practice, and gradually fade their participation to allow independent learning. The requirement of the same is also projected during the Annual Academic Planning.

(c) Software's installed: Various software are installed in the labs to provide better learning environment to students and ensure that the facilities support the requirements of academic programs, policies, and curricula. Some of the software installed in our labs is as under:

S No	Domain	Software's Installed
1	Architecture & Planning	AUTOCAD, 3DMAX, MSOFFICE, PHOTOSHOP, REVIT
2	Biotechnology	Java, C++, Office 2007, TOMCAT Ms office 2003, Active Perl,, Ms office 2007,Netbeans 6.0, schrodinger, Oracle Form 6, Eclipse

S No	Domain	Software's Installed
3	Hospitality, Travel & Tourism	OFFICE 2007, ADOBE READER, WINZIP, TC, JAVA , MUNDUS
4	Psychology & Allied Sciences	MS office 2007, Adobe Reader, Winzip
5	Law	office7, adobe reader, winzip, java, ssc online, manupatra, asil, isl
6	Management	office7, adobe reader, winzip, java, tc, spss12, Maya 9, Adobe CS5 & CS6, Corel drow 12, McAfee
7	Fashion Technology & Fine Arts	Maya 9, Adobe CS5.5 & CS6, Corel drow 12, MS-Office 2007, McAfee, NED Graphics, TukaCad, SPSS,

Name _Brig Om Parkash   *Name Prof (Dr). Balvinder Shukla*

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Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

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Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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