

STATUS OF SATAT Action Taken in 2023-24

SATAT Core Team

Dr. D.P. Singh	-	Chairperson
Maj Gen JP Singh	-	Member
Prof. (Dr.) S.P. Singh	-	Member
Dr. Madhuri Kumari	-	Member
Air Comdr D K Singh	-	Member
Dr. Sujata Khandai	-	Member
Col. Baljinder Singh Sahi	-	Member
Dr. Tanu Arora	-	Member
Wg. Cdr. M.K. Sharma	-	Member
Mr. Rakesh Jain	-	Member
Ms. Rajeshwari Singh Thakur	-	Member
Dr. Renu Dhupper	-	Member Secretary

Meetings with Committee members

- Structured Meetings with the Committee members: 2
- Number of meetings with Chairman and Co-opted members have been held over last six months.

1. Campus planning Design and Development and Campus Building Design

S. No	Description	Action Taken during 2023-24
1.1	<p>During campus development, preserve vegetated buffers, to the extent possible and protect habitats of species of special concern such as threatened and endangered species.</p> <p>Develop a walkable campus by the majority of academic buildings accessible within easy walking distance.</p> <p>Comply with all relevant legislation and regulations while exploring ways to extend beyond stipulated standards.</p> <p>Estimate and declare the carrying capacity of the campus</p>	<p>a. Installation of clear directional signage between buildings.</p> <p>b. Add trees along paths to enhance comfort, especially in long or sunny corridors</p>
1.2	<p>Provide an indoor environment that maintains indoor air quality, enhances user comfort, well-being and productivity. Use ample natural light and natural air circulation into interior spaces. Offer views of the outside features from the interior spaces wherever possible to link occupants with the campus ecosystem.</p> <p>Enable building spaces easily modifiable by maximizing standardization or repetition of building elements to serve a variety of purposes for a diverse group of users over the lifetime of the building.</p>	<p>a. HVAC systems checked and serviced quarterly.</p> <p>b. LED lighting installed/upgraded for better energy efficiency and comfort.</p>
1.3	<p>Develop and implement training and awareness programs for the stakeholders about the benefits of green buildings, and how to develop and manage them.</p>	

2. Resource optimization		
S.No	Description	Action Taken during 2023-24
2.1	Adaptation of Resource Optimization Practices	Fostering a culture of sustainability and promoting sustainability through resource optimization by inclusion in curricular, co-curricular and extra curricular activities.
2.2	Utilization of Materials, Services and Technologies with less negative Environmental Impact	LPG converted to PNG, conventional Tube Lights being replaced with LED Tube Lights, energy efficient Fans being installed
2.3	Create Sustainable Thinking and Culture	Policy documents at the university level has been prepared.

2. Resource optimization		
S.No	Description	Action Taken during 2023-24
2.4	To Adopt Green Lifestyle, Sustainability Principles and Practices	Complete ban of Plastic enforced in the Campus.

3. Landscapes and Biodiversity

S.No	Description	Action Taken during 2023-24
3.3	Enhance habitat quality of flora and fauna by increasing structural complexity and promoting use of native species for landscaping in the campus. Value old trees and their habitat role for birds and other forms of organisms. Maintain a botanical garden and if possible, a piece of native wilderness.	The existing vegetation and old growth of native species is not disturbed during the year. Has been taken to create cluster of specialized vegetation corners like medicinal plants, aromatic plants, cactus, palm etc at different location.

4. Energy Sustainability		
S.No	Description	Action Taken during 2023-24
4.1	Replacement of conventional light with LED	Replacement of conventional light with LED
4.2	Replacement of conventional fans with energy efficient Star rated fans	Replacement of conventional fans with energy efficient Star rated fans

5. Water Management		
S.No	Description	Action Taken during 2023-24
5.1	Manage storm water to prevent it from leaving the campus, wherever sustainable.	Completed
5.2	Provide for infiltration of rain/storm water runoff by promoting permeable paving, incorporating bio-retention areas, rain gardens, vegetated basins, natural/constructed wetlands such as ponds, check-dams where possible.	Completed
5.3	Capture and reuse of rainwater for non-potable uses (irrigation, laboratories, toilet flushing, cooling towers, construction works, swimming pools. etc.) Install rainwater harvesting structures for the recharge of aquifers and/or wetlands.	Completed
5.4	Initiate steps to raise environmental awareness of the need for water conservation among members of the HEI community and implement behavioral change programs.	Signages are installed for conservation of Water through-out the Campus & Students are also being educated in Classes. There are various environment-based clubs active for the students and awareness programmes are being

5. Water Management		
S.No	Description	Action Taken during 2023-24
5.9	Install a grey water recycling system for treatment of kitchen. Laundry, sink and shower water.	Grease Traps for Kitchens, ETPs for Kitchens & Laundries are cleaned regularly through the Contractor, maintaining the STPs & ETPs.
5.10	Install a black water recycling system to treat sewage for non-potable uses. Re-use non-potable water resources to the extent possible for irrigation and other non-potable water requirements (e.g. toilets, vehicle washing).	STPs are in operation and STP/ETP water is treated for re-use for Flushing in Toilets, Horticulture & Cooling Towers
5.11	Minimize the need for landscape irrigation by utilizing native and hardy plants. When required, draw on non-potable sources for irrigation systems, such as adjacent ponds or collected rainwater and use high-efficiency irrigation systems such as drip and sprinkler.	Sprinklers in place
5.12	Promote water-self-sufficient campus, wherever possible	Water Self sufficient Campus

6. Transportation		
S.No	Description	Action Taken during 2023-24
6.1	Initiate sustainable transportation options on campus to reduce dependency on fossil fuel- based vehicles and promoting on-campus use of fuel-efficient, zero-emission vehicles or hybrid vehicles using CNG, bio-diesel mix or electricity. Replace older vehicles with newer, fuel- efficient ones.	Continuous process
6.2	Promote green commuting behaviors within campus such as co-sharing of the vehicles, use of public transport, etc.	Battery Operated vehicles within the campus.
6.3	Maintain pedestrian-friendly campus by establishing direct and safe bicycle paths and by clustering academic, research, administrative, residential and recreational uses within easy walking distance.	All extensions of Campus, caters to the requirement of pedestrian friendly foot path in planning.

7. Procurement		
S.No	Description	Action Taken during 2023-24
7.1	Procurement for Academic & Research division	Procurement of Academic & research Equipment & consumables, IT related computers & Peripherals, building maintenance items, Electrical Items - Major Items & consumables, Furniture, Civil work etc. CMC & AMC, regular calibration of various Lab equipment. Purchases only through Indents approved by competent authority.
7.2	Evaluate procurement policy of goods and services	Requirements (Indents) for Research Project through Project Management System. Academic & other requirements received after due diligence by Purchase Assessment Committee.
7.3	Objectives and targets in the service contract document	All service providers to enter the contract fully meet their respective obligations as efficiently and effectively. In current scenario we will use services as per requirement.
7.4	Reduce unnecessary purchasing first and avoid single-use disposable items	Campus avoid buying and using disposable items and always practicing in reducing waste at Campus level, by practicing the “4 R's” of waste reduction. Started Reduce unnecessary purchasing first and avoid single-use disposable items.

7. Procurement		
S.No	Description	Action Taken during 2023-24
7.5	Prioritize purchase of surplus or multiple-use products	Is an ongoing process and regularly followed. Standard practice to create prioritize purchase of surplus or multiple-use products
7.6	Contract with suppliers of products that have established end-of-life re-use recycling	An ongoing process and it is ensured that vendor supply recycle product, Similarly scrap are dispose through E-waste handling company. Taking E-waste certification after disposal of E-waste. All steps are taken for environmental friendly solutions.
7.7	Purchase environmentally friendly products to fulfill day-to-day office supply needs .	Procuring all Major Equipment & consumables which are Energy Efficient & Environmental Friendly, like BEE, Star rating, ISI mark and other norms set by Govt. All efforts to be taken by purchase Dept to reduce carbon foot print. Target to achieve Upto 90% procurement of Energy Efficient Equipment
7.8	Promote “service purchase concept” over “product purchase concept”	Its a continuous process and being followed.

7. Procurement

S.No	Description	Action Taken during 2023-24
7.9	Use suppliers that eliminate packaging or use minimum amount necessary for product protection if packaging necessary	Target to achieve suppliers who eliminate packaging, freight or use minimum amount necessary for product protection if packaging necessary and use recycle material
7.10	Support locally manufactured products and consolidate orders wherever possible	Most of the items are sourced locally. It is only thru local authorised dealer & distributors. Import of Items as per requirement, only for specific brand, make & model which is not available locally.

8. Waste Management

S.No	Description	Action Taken during 2023-24
8.5	Provide centralized bins to promote recycling behavior	No change centralized bins have been provided in the Campus at various locations. However, phasing out of under the desk bins from offices will be reviewed.
8.6	Ensure that all waste handling practices comply with relevant legislation and codes of practice and shall have no harmful effect on the environment and human health.	No change. Being complied with.
8.7	Ensure that all waste handling practices comply with relevant legislation and codes of practice and shall have no harmful effect on the environment and human health.	No change. Being complied with.
8.8	Provide adequate and appropriate facilities on campus to facilitate separation at source and local waste recycling by establishing collection centers throughout the campus both inside and outside of buildings, including events gathering places, parking areas and community places.	No change. Solid Waste Management Rules 2016 are being complied with, and waste collection is being done by Noida Authority approved Agency i.e. M/s AG ENVIRO INFRA PROJECTS PVT LTD.

8. Waste Management

S.No	Description	Action Taken during 2023-24
8.9	Create a campus-wide e- waste recycling system for computers and other electronic equipment. Repair or recycle all electronic hardware, devices and consumables in a securely and sustainably by partnering with electronics recycling establishments.	E-waste is recycled and disposed as per the norms by the IT department
8.10	Initiate steps to reduce the use of paper on campus. Promote paper reduction through use of the electronic communication and e-document handling. Digitize records and employ an e-filing system to gradually replace printed record.	University communications are based on e mails and other electronic communications. Reliance on Papers and Hard Copy records will be minimized.

9. Green Catering

S.No	Description	Action Taken during 2023-24
9.1	Provide sustainable, locally produced and seasonal foods whenever possible and reduce consumption of high carbon footprint food materials.	Cafeteria Management Committee reviews the menu to provide wholesome , healthy, hygienically prepared food in Cafeterias.
9.2	Provide/use reusable food ware to serve. If the use of reusable items is not possible, ask for one-of plates/containers that are made from agricultural or other wastes. Avoid plastic and polystyrene foam boxes.	Review has been done on use of reusable and more environment friendly food wares.
9.3	Set up smart card systems for take away food wrapped in recyclable plastics to ensure that plastic is also returned	Food Packaging is undertaken in environment friendly articles promulgated by Cafeteria Management Committee.

9. Green Catering		
S.No	Description	Action Taken during 2023-24
9.4	Avoid single-serving packaged food items to minimize waste	Review of single serving packaged food items will be regularly review in Cafeteria Management Committee Meeting (CMC).
9.5	Avoid serving bottled water or packed drinks but drinking water in a glass or provide drinking water dispenser.	Ban on Single use plastic will be strictly enforced.
9.6	Reduce food waste	Monitoring daily wastage of food in the cafeteria.

10. Event organization

S.No	Description	Action Taken during 2023-24
10.5	Choose environmentally friendly decorations and reduce the use of disposable items.	1.All stakeholders will continue to be sensitized regularly to follow the guidelines while planning and organizing the events. 2. Electronic Backdrops and use of recyclable materials was preferred during conduct of the Events. 3. Tulsi Sapling is use in place of Gifts/ Souvenirs 4. Use re-usable name plates on dais
10.6	Facilitate recycling at all events. Provide well-labelled boxes at your event venue to facilitate recycling and reuse.	
10.7	Avoid Gifts and Souvenirs. If required, explore green products (e.g. recycled. products, local handicraft items, live plants) and choose products with minimal packaging.	
10.8	Set practice of evaluating the events once completed in terms of resource efficiency and incentivize .	