



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12 B

Coimbatore - 641 043, Tamil Nadu, India

SATAT

Action Plan for Eco-Friendly and Sustainable Campus

Development

2020-2021

Task Group

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1. Sustainable Campus planning – design and development

- Establishing green house
- New buildings would be set-up in eco-friendly manner
- Encouraging use of cycles inside the campus to make academic buildings reachable by green methods

2. Sustainable Resource Optimization

- University Campus Micro grid
- Smart Energy System
- University Cloud Centre

3. Sustainable Landscaping and Biodiversity

- Efforts to incorporate more native plant species have been but more can and should be done in campus landscaping
- Growing and properly maintaining exotic species of flora and fauna that are harmless and which add beauty as well as biodiversity to the campus.
- To foster a greater sense of community within the campus through greater environmental awareness and interaction with the environment, that supports and includes student research, field experiences, and internships.
- To create a set of recommendations to make campus landscaping practices ecologically sound by using the opinions and expertise of faculty, staff, students, and outside experts from organizations who focus on ecologically sound landscaping.

4. Sustainable Campus Building Design

- Extending the buildings in the institution in compliance with all relevant legislation and regulations by following the stipulated standards.
- Ramps can be constructed in all the building for easy access to all the buildings by differently-able students and staff.

5. Sustainable Energy Audit

- Conducting energy audit to impart the knowledge of energy conservation and energy management among the stake holders.
- Formulating and implementing best practices/policy for proper utilization of electrical energy
- Improve the utilization of non-conventional/renewable energy sources

6. Water Sustainability

- Installation of rainwater harvesting system
- Lodging low-flow faucet aerator on taps
- Checking regularly for leaks in pipes, hoses, faucets, toilets etc.
- Shut off the sprinkler system in lawns while raining
- Increasing green cover and thereby increasing both groundwater and precipitation levels

7. Sustainable Transportation

- Increasing the quality of pedestrian ways by providing shading elements, appropriate street furniture and lighting elements along the pedestrian routes.
- Building separate lanes for cycling and establishing bicycle points to park the bicycles
- Introduction of hybrid and electric vehicles into the University vehicle fleet and thereby reduce the level of carbon footprint.

8. Sustainable Procurement

- Promoting purchase of products with green certification.
- Promoting purchase of products with direct dealers for obtaining service facility.
- Following Make in India for Maximum purchases.

9. Sustainable Waste Management

- Conducting awareness program to reduce waste
- providing proper infrastructure to collect waste, segregate waste based on recyclable, non-recyclable and bio degradable including e-waste.

10. Sustainable Green Catering

- Encouraging the use of recyclable containers or reusable plates
- Providing water dispensers to avoid the use of plastic bottled water.
- Setting up a food waste composting plant

11. Sustainable Event organization

- Use of digital banners for all events organized in the Institution
- Provision of reusable eco-friendly registration kits bearing institution logo for all events instead of plastic files and bags
- Digitalization of feedback instead of papers