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# **THE GREEN CAMPUS,** **ENERGY AND** **ENVIRONMENT POLICY**

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**ATRIA INSTITUTE OF TECHNOLOGY**

**Adjacent Bangalore Baptist Hospital, Hebbal**

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## **THE GREEN CAMPUS, ENERGY AND ENVIRONMENT POLICY**

### **Preamble:**

Atria Institute of Technology envisions a Clean and Green Campus and displays highest level of sensitivity to environmental issues. **The National Environment Policy** aims at mainstreaming environmental concerns into all developmental activities while laying emphasis on conservation of resources. On similar lines, the institution adopts environmental friendly practices and combines it with education to promote sustainable environmental culture through instilling environmental ethics among its stakeholders. Any developmental activity taken up by the institution would be evaluated with respect to issues concerning protection of environment.

### **Scope of the Policy:**

The Green Campus, Energy and Environment Policy represents an important component of the Institution's self – sustainable initiatives for safeguarding the environment. These initiatives call for a thorough review of all infrastructural and administrative functions from the standpoints of sustainability, energy efficiency, wastewater management and green & clean campus environment.

### **Objectives of the Policy:**

- To create awareness among the stakeholders about environmental consciousness and sustainability
- Identification and implementation of energy conservation measures
- Implementation of waste management techniques to minimize pollution level in campus
- To promote green and clean campus drive to protect environment
- Review and implement the recommendations made out from Green and Energy Audits

**The focus areas of this policy are:****a) Clean Campus Initiatives:**

The institution must be committed to actively coordinate cleanliness activities in line with **Swachh Bharat Abhiyan**. A mass awareness should be generated on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. In order to achieve a green code of living, Community work towards 3 R's – **Reducing, Reusing and Recycling** should be done by Green Society volunteers of the institute.

**b) Landscaping Initiatives:**

Atria Institute of Technology has spacious 17.5-acre campus with ample trees and greenery in the heart of the silicon city of India, Bangalore. A prime location in the vicinity of the Indian Institute of Science, Institute of Agricultural Sciences, GKVK Veterinary Institute, ISRO etc., conducive to a collaborative learning environment. Being an environmentally friendly institution, it aims to reduce energy consumption, ensure standard indoor air quality, and improve energy efficiency on campus through methods that are consistent with a safe, secure, and involving the Community within the campus.

**c) Clean Air Initiatives:**

In view of the clean air initiatives, the institution should observe “**No Vehicle Day**” preferably on second Saturday of every month to reduce the traffic density as well as to save the fuel. In this regard students and staff members should not be allowed with their personal vehicles (excluding electric vehicles) on the above-mentioned day. The institution must also encourage the use of electric vehicles, bicycles, and public transportation facility as much as possible to reduce the carbon footprint in our campus. The institution should operate a fleet of buses covering each corner of Bengaluru to facilitate the students and staff. They should be encouraged to use the college transport instead of their own vehicles for safety, security, fuel conservation and to reduce environmental pollution. The college buses should be checked regularly for pollution by the authorized agency.

**Smoking Free & No Tobacco Zone Throughout the Campus:**

In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008, the institution must prohibit smoking and the use of other tobacco products.

**d) Infrastructural Initiatives:****i) Solar Energy**

In the past few years, the climate change has made us to think and make use of alternate energy sources. In view of this, the institution must make use of solar energy by installing the solar panels and solar heaters within the premises. This would be an effective measure to reduce the electricity cost and will contribute towards the green campus initiatives.

**ii) Installation of Energy Efficiency Equipment**

The institution is dedicated to minimizing and sustainably manage its use of electricity. For this purpose, it encourages to install environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies such as usage of LED lights. The energy conservation boards should be displayed in the institution premises. The students and staff should be trained to acquire the knowledge and practice of switching off lights, fans etc. after the class hours to minimize energy costs, to save electric energy and reduce environmental concerns.

**iii) Water Conservation through Rainwater Harvesting System/Recycling**

As an established institution, AIT has committed itself to replenish and recharge of the groundwater and wells by practicing rainwater harvesting. The institute should construct additional storage tanks/bund to store excess water that can be rechanneled during heavy rains. An awareness programmes for students and staff should be regularly conducted on rainwater harvesting and water conservation.

**e. Waste Management processes****i) Solid Waste Management**

The institution must follow a structured, systematic and multi – level solid waste management practices. Solid waste that can be categorized into three types: biodegradable, non-biodegradable, and hazardous waste can be segregated and collected through color coded and labelled bins placed at various locations in campus.

**ii) Liquid Waste Management**

The institution should have an efficient sewage treatment plant to recycle liquid waste, and the toxic liquid waste coming from the laboratories

**iii) E-Waste Management**

The institution should implement the following norms for E-Waste Management:

- a) The e-waste that includes out of order equipment's or obsolete items should put to optimal use.
- b) Authorized e – vendors to be appointed for timely collection and disposal of e-waste.

**f) Green Campus Initiatives:****i) Green Audit**

Green Audit should be carried out annually to assess the implementation and effectiveness of green and sustainability initiatives taken by the institution.

**ii) Energy Audit**

Energy Audit must aim at identifying, measuring, and reporting energy conservation in the institution.

**iii) Plastic - Free Campus**

The Institution should make efforts in curbing the usage of plastic in order to attain 'Zero Single Use Plastic Usage'. In accordance with UGC/AICTE guidelines to ban all single use plastics due to the hazardous impact of plastic use and pollution, the institution must strictly ban the use of single use plastics in its premises to make it a 'Plastic Free Campus'.

**iv) Environment – centric Student Societies and Department Activities**

The Institution must take initiatives to create awareness among students by offering innovative curriculum in the the area of environmental education. Webinars / Seminars should be organized to inculcate positivity amongst the learners towards environmental issues. The institution should also create various committees / clubs involving students and faculty to create a green space in and around campus.

  
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