

MANSA COLLEGE OF EDUCATION, BHILAI

GREEN AUDIT, ENERGY & ENVIRONMENT POLICY

Purpose

Green Campus, Energy and Environment Policies will develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from energy efficiency, sustainability and the environmental point of view.

Objective

- To protect and conserve ecological systems and resources within the campus.
- To make the campus plastic free.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To conduct environmental and energy audits from time to time.
- To minimize the use of paper in administration through having policy.

Our Policies

- **The focus areas of this policy are:**

- Clean Campus Initiatives
- Clean Air Initiatives
- ✓ Smoking Free Campus
- ✓ Tobacco free environment
- Infrastructure
- ✓ Solar Power Plant Installation of Energy Efficiency Equipment
- ✓ Water Conservation through Rainwater Harvesting System

- Waste Management processes
- Awareness Initiatives
- Environment-centric Student Societies and Department Activities
- Green Audit
- Energy Audit
- Plastic-Free Campus

Mechanism of Policies

Conduct of External Audit viz. Energy Audit, Green Audit and Environment Audit once in 3 years. The institutional confirms its commitment to environment and energy initiatives through the following practices-

- Green audit / Environment audit
- Energy audit
- Clean and green campus initiatives
- Beyond the campus environmental promotion activities

Milestones Practices adopted by institution –

Institution supports and encourages awareness campaigns, seminars, workshops, conferences and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies time to time .

- **Green Audit/Environment Audit**

The college aims to regularly conduct a Green Audit of our college campus to assess our strengths and weaknesses to further our goals of long-term sustainability

- Organizing annual tree plantation drives .
- Encouraging student societies to hold tree planting events.
- Commit to manage waste and maintain clean campus especially during college events.
- In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the

college administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus'.

- The college prohibits smoking and the use of other tobacco products, in promoting a tobacco free environment. As a step in this direction, smoking and use of tobacco in and around the campus is strictly prohibited
- Water consumption should be reduced using suitable techniques/methods wherever possible
- **Energy Audit**

Energy Audit to be conducted as and when required. The importance of reducing energy consumption cannot be overstated. Time to time inspection by management and staff and internal audit mechanism often reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings. Few important steps of institution towards energy are-

- Institution organize Mandatory programs on creating awareness about clean energy initiatives in the college and community.
- Create awareness among the students and staff in Energy conservation and management by conducting training programs.
- Establishment of energy efficient utilization measures in the supply, demand system as part of energy conservation.
- Minimize the energy consumption by use of energy efficient equipments and maximize use of day light and natural ventilation with most efficient and effective parameter available.
- Maintain the Energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.(Proposed online UPS (35kVA)).
- Replacement of the existing conventional lighting with the LED lamps in phased manner. A target to achieve 90% replacement of conventional lights with LED's by year 2022-2023.

- Expansion of solar PV system in phased manner 1st Phase 50KVA, 2nd Phase 5 KVA , 3rd Phase 2KVA.
- Re-use of papers for writing and printing recommended in all departments.

➤ Clean And Green Campus Initiatives

Clean and green campus initiative create awareness with stakeholders on the need for maintaining greenery in the campus for sustainable ambience. It also encourages all stakeholders to support and participate in ensuring green cover in the campus of preserving age old trees and protect them to have prolonged life

- Staffs coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan.
- Proper segregation, disposal and recycling methods to be adopted for different wastes generated on campus like paper, plastic, biodegradable waste from canteen, glass E-waste etc.
- E-waste bin to be installed for the collection of E-waste generated in college.
- Collaboration with e-waste recycling companies to get electronic waste recycled.

➤ Beyond The Campus Environmental Promotion Activities

- Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, skits on 'Swachh Bharat' will be organised
- Rallies on themes connected with 'Swachh Bharat Abhiyan' in and around the college campus will be conducted to create mass awareness.
- Awareness boards sticked for saving energy and water to be displayed in all c circulation areas and throughout the campus
- Programs / Activities for inculcating strong sensitivity towards the environment must be arranged regularly for all stakeholders of the Institute
- E-Notice practice to be followed by departments through Learning Management Systems and Websites
- To improve sanitation and hygiene, sanitary pad incinerators recommended to be installed in all the girl's washrooms

Principal
Mansa College of Education
Bhilai, Distt.-Durg (C.G.)