



JBIT

JB Institute of Technology

Approved by AICTE
Affiliated to VMSB Uttarakhand Technical University, Dehradun

Environmental Policy



An educational unit of JAI BHAGWAN EDUCATIONAL SOCIETY
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1. Introduction and Background

Conservation of environment is an indispensable aspect of education being the basis of life on this planet for the survival of all living individuals may be humans, animals and plants. In addition, the non-living objects also have been affected by change of environment, therefore future technologies which are developing day by day must emphasize on the dependence between the technology and the nature especially the environment.

Proper environmental management becomes highly essential for sustainable development and therefore, the environmental policy must have been designed with realization that protection of environment is an essential part of the institution and a social responsibility for the survival of the humanity in tune with the United Nation's Sustainable Development Goals - 2030. This document, through the policy Statement makes clear the institution's approach to environmental protection, which will be followed by the annual Environment Audit as defined by the competent authorities as a tool comprising a systematic, documented, periodic and objective evaluation of how well environmental organization, management and equipment are being performed to safeguard the environmental and natural resources in the functioning of the institution and dissemination of Knowledge among its stakeholders especially, the students.

2. Policy Statement

JB Institute of Technology, Dehradun, aims to protect the environment by maintaining a lush green, eco-friendly campus by plantation of saplings and looking after the plants with sincerity. By creating awareness among its stakeholders, the management, faculty and students individually as well as members of the society to contribute to making our earth/globe as our typical home-like heaven with pollution free and comfortable zone of peaceful living for all.

3. Objectives

- Promoting & benchmarking for environmental protection initiatives.
- To encourage making projects on environmental assessment and curriculum enrichment through practical experience.





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- To impart awareness about green clean campus and financial savings through reduction in resource use in the institute.
- To initiate sustainability practices on the campus and among stakeholders.
- To maintain and monitor sustainability and eco-friendly initiatives (clean fuel, renewable resources, water recycling etc).
- Developing an environmental ethics and value system in students in terms of ownership, personal and social responsibility as well as enhancement / updating of Institution's profile regarding environmental sustainability.
- Conduct audits for recommendations and continuous improvement.
- Encourage research and dissemination of sustainable development knowledge and to introduce carbon neutrality measures.
- Green campuses and support local sustainability efforts.
- Information on environmental issues is shared with others through networking. Engage and share information with international networks.

4. Procedure / Organizational Structure

An environmental cum beautification committee has been constituted in the institute headed by a faculty belonging to the farmers' community along with other faculties and ten students (five boys and five girls) as the members. The institute has engaged nine well-experienced gardeners (*malis*) as regular employees and one supervisor over and above these gardeners. The work of keeping the environment safe, clean, and beautiful throughout the campus has been equally divided among these gardeners.

The institute's management is very well interested and fully inclined to save the environment from being pollution free and full of greenery campus with its best efforts by providing the required facilities, resources, and financial help to carry out necessary arrangements for the same. Some sweepers have also been assigned the additional work of cleaning the campus time and again by sweeping/cleaning it by picking up any waste of plastic, pen, pencil, and other articles on the way and in lawns.

5. Roles

- For Environment Protection and awareness, the environment Policy has been implemented and communicated to staff and the students in the institute through notices and as well as on the website of the institute.

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- Storage of chemicals in the laboratories is done in designated places, and safety/warning signs against spillage and leakage of chemicals have also been displayed along with Do and Don't in the laboratories.
- Internal inspection system has been developed in all the departments for various equipment available on the campus.
- Waste Management Plan for solid, liquid and e-waste has been prepared for the campus, including plastic usage and disposal.
- The e-waste has been required to be collected in a closed vessel meant for its collection outside the computer labs and have been maintained on regular basis for its disposal.
- Environmental Monitoring in various parameters like i.e., Stack Monitoring of DG sets; Water and wastewater monitoring, has been conducted. Including the carbon neutrality measure through the precipitator fitted on DG sets.
- Sewage Treatment Plant (STP) has been practiced in the institute, which is serviced regularly.
- E-waste monthly inventory has been maintained on the campus per E-waste rules.
- Environmental protection activities need to be increased at large to spread awareness among all present on the campus in addition to the existing practices going on.
- The EBC has also been playing an active role in green initiatives by planting saplings/ trees, the cleanliness drives in the catchment area, and the adopted villages as outreach activities for environmental saving.
- An active Environment / green committee formation has been done for regulating eco-friendly initiatives in the campus premises and periphery.
- Rainwater harvesting system has been developed throughout the campus to conserve water.

6. Action Plan

- Observation of various days of importance related to environment/green topics, such as ozone day, environment day, earth day, etc.
- Conduct of awareness campaign in the college and outside campus on pollution and its preventive measures.
- Conduct a regular green/environment audit and follow corrective measures as proposed in the audit report.
- Clean campus practices are ensured to be followed up regularly, like proper waste disposal, rainwater harvesting, e-waste disposal, etc.





- Encouraging activities like recycling, reusing, repairing, refurbishing, etc.
- Conduct invited talks at the college level and departmental levels by environmental specialists and prominent scientists.
- Energy-saving devices like LED bulbs/LED sensor bulbs / as well as LED tube lights, have been installed/fitted throughout the institute's campus.
- Solar water systems have been installed over and above the roof of the hostels to provide hot water to hostelers and the mess.
- Solar panels have been established in the institute as a renewable energy source.
- The proposed plan for the future is to procure an e-Rikshaw for movement within the campus for the visitors and local commuters as well as a facility for physically challenged.

7. Environmental Audit

- An academic institute is required to follow the guidelines/instructions regarding the protection of the environment by the government agencies as well as the competent court of law in order to save the environment, reduce pollution, and secure the coming time for coming generations' survival.
- Environmental / Green Audit, and the Energy audit, are carried out by the institute through the recognized and approved environmental regulating agencies/authorities established under rule by the government.
- The institute must follow up on the corrective measures as purposed in the green/environmental audit report. The directions and the corrective measures are followed in the institute.

Director,



J.B Institute of Technology
Dehradun (UK)