



Ashti Taluka ShikshanPrasarak Mandal's

## Adv. B. D. Hambarde Mahavidyalaya Ashti

### The Green Campus, Energy and Environment Policy

---

The college has a good infrastructure, a grand administrative building, spacious class rooms, auditorium, Grand Library, spacious and well equipped science laboratories, Late B.D. Hambarde Stadium with 400 mtrs. running track and various play grounds, Gymkhana with indoor and outdoor sports facilities Ladies common room with toilet facility, Computer lab with 50 computers in LAN, Language Laboratory, Network resource center, virtual classroom, smart board and well-furnished departments and Wi Fi access to the staff and students.

#### **Natural physical features**

The premise includes a rich biodiversity and huge number of plants in the adjacent open space. The site does not have major different in the land levels (contours). There is slight difference in land level in open spaces. This has proved to be beneficial to college as the rainwater is diverted through pipes into ground and it has helped ground water recharge for the well water over the years as informed by the College. There is provision of pond which helps in rainwater harvesting and has been beneficial for the college over the years.

**Manmade features** – The premise is situated in an urban area amidst residential areas and open spaces with appropriate proximity to necessary amenities. There is sufficient appreciation space for entrance. The materials used for construction are RCC and the landscaping includes innumerable natural trees as well as potted plants. There are facilities for ramps, cement benches made from waste, recycled roof used as a covering shed for parking, Sanitary napkin vending machine, Day care for girl students and lady staff members having kids, Auditorium with updated sound system to organize various functions, seminars and conferences.

- **Circulation** – There is a smooth transition of pedestrian traffic inside the premises due to the large entrance gate and the huge open space where vehicles of students and staff are parked.
- **Climate** –The annual rainfall for the district is 750.1mm and overall climate is dry except for South-west monsoon.

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

The 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 the standpoint of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Smoking Free Campus
- Installation of Energy Efficiency Equipment
- Water Conservation through Rainwater Harvesting System
- Solid Waste Management
- Liquid Waste Management
- E-Waste Management
- Awareness Initiatives
- Environment-centric Student Societies and Department Activities
- Green Audit
- Energy Audit
- Environment Audit
- Plastic-Free Campus

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

- To protect and conserve ecological systems and resources within the campus.

- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns in to policies, plans and programmes for Social development and outreach activities.
- To work with all stakeholders and the local community awareness and seek the adoption of environmental good practice and there duction of any adverse effects on the environment.
- To continuously improve our contribution climate protection and adaptation to climate change and to the conservation of global resources.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To make the campus plastic free. Conduct environmental and energy audits from time to time.
- To minimize the use of papering administration through having policy or E-governance.

### Policy:

#### Clean Campus Initiatives

College had pledged to actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It commits to continue with this Programme.

The broad vision is as follows:

- Generating mass awareness on cleanliness and hygiene among students and staff members by holding regular cleanliness drives.
- The idea is to motivate them to contribute in a proactive manner.
- Activities under 'Swachh Bharat Abhiyan 'will be akey component to fall the community work being done by NSS.
- Staff Members will be encouraged to participate in the cleanliness drive in the college campus.
- Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, skit son 'Swachh Bharat 'will be organized.

- Rallies on the misconnected with 'Swachh Bharat Abhiyan 'in and around the college campus will be conducted to create mass awareness.
- Remove all kinds of waste material like broken furniture, unusable equipment etc.
- Administer of the pledge by students and staff members to maintain cleanliness of the college campus and it surrounding areas on an annual basis.
- Conduct workshops on the Environments
- Commit to manage waste and maintain clean campuses especially during college events.

### **Lands capping Initiatives:**

The campus landscape, like its buildings, can be seen as the physical embodiment of a college' values. It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation and a esthetic appreciation. Green campus land scopes also manage run off, help recharge groundwater, and clean and cool the air on campus. The lands cape serves as visual representation of the campus community's commitment to sustainability. As campus lands capes are so visible and accessible, land scraping initiatives are a great way to build awareness round the environment.

There are more than 300 trees cover. The lands cape of trees and plants provide the 1600 students and staff with clean and cool air and is a soothing environment. The diverse green cover of college is also home to a number of animals and rare birds across at least 24 species, creating a campus rich in biodiversity. The college commits to enriching this healthy habitat and maintaining the symbiotic relation of the in situation within at urea by

- Organizing annual tree plantation drives
- Encouraging student societies to hold tree planting events

### **Energy conservation:**

The university will do maximum efforts to reduce energy consumption and use renewable sources of energy as far as possible.

**Action Plan:**

- The points of energy wastage and leakage should be identified and appropriate steps shall be taken to set a target of attaining significant energy saving by appropriate modifications and adopting best practices.
- The fluorescent lights may be replaced with LED in the existing buildings and street lights across the campus.

### **Water Management Plan for Optimum Usage of Water:**

The university shall adopt a sustainable water management plan to prevent wastage of water as well as recycle and reuse wastewater in the campus.

Action Plan:

- 1) Reduction of potable water usage by efficient monitoring, using efficient fixtures and restricting usage for irrigation.
- 2) Installation of rainwater harvesting units at suitable locations in campus.
- 3) Use of Sustainable horticultural practices

### **Policy Monitoring and Review:**

The Committee shall monitor and review the efficacy of the policy on annual basis. Discreet or micro data could be made accessible to faculty and departmental heads for taking appropriate actions and complying with them on regular basis.

References:

1. J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD
2. JEUS & MARY College New Delhi



  
Principal  
Adv. B.D. Hambarde Mahavidyalaya  
Ashti Tal. Ashti, Dist. Beed