



**Shiksha Mandal's**  
**Bajaj Institute of Technology, Wardha**

(Recognized under section 2(f) of UGC Act 1956)

(Affiliated to DBATU, Lonere, Raigad, Maharashtra)

## **The Green Campus, Energy & Environment Policy**

### **Policy Document for Conservation of Energy & Water, Solid Waste Management, Green and Plastic Free Campus**

#### **A. Alternate sources of energy & Energy Conservation Measures**

1. For installing rooftop solar power system, parent organization 'Shiksha Mandal' has floated a tender document, and the system will soon be installed in the Institute. Energy Conservation measures are followed as follows:
2. Use of power efficient LED bulbs.
3. All Class-room and laboratories are glazed with all glass walls than masonry walls to allow bright light to enter, so that no artificial lighting will be required in day time.
4. Though centralized evaporative cooling system is available in all rooms, during summer time, group of faculty occupy sit in one lab to reduce consumption of electricity.
5. Energy and environment cell members make rounds in the campus to ensure that lights and fans are not unnecessarily put on in the rooms where classes and labs are not going on.
6. Warning boards are displayed to avoid energy wastage.
7. 4 to 5 faculty members practice car-pulling to attend the duties to avoid wastage or fossil fuels energy.



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## **B. Management of various types of degradable and non-degradable**

### **Waste:**

- For liquid waste from wash rooms, laboratories, hostels, a Sewage Treatment Plant (STP) is functional.
- Three coloured dustbins are placed in the campus to collect biodegradable, non-biodegradable and recyclable solid wastes separately.
- E-waste bin has been placed to collect electronic waste.
- Vermicomposting units are functional in the campus.

## **C. Water Conservation**

1. Push taps with two level pressing mechanism are fitted all over washrooms in the campus, so that only required quantity of water will be used.
2. Water closets are attached with pressing mechanism flushing system and sprays for optimum water use.
3. Combination of drip & sprinkler watering system is provided for lawns and carries for water supply to nurture lawn and trees.
4. Warning boards are displayed outside every wash room for reminding the optimum use of water, and no wastage.
5. All waste water from sinks, basins, canteen, WCs, enters the waste pipes which are connected to waste pits from where it gets transferred to STP.



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6. In open plaza, porous blocks are provided so that rain wash water reaches the ground water table to increase the level of sub-surface

**D. Green Campus Initiatives:**

1. In order to reduce CO<sub>2</sub> concentration and for green aesthetic look of the campus, many trees have been planted. Students and faculty have taken efforts to plant many trees.
2. Due to Car-pooling activity of faculty, less number of automobiles enter the campus.
3. For plastic free campus, students and faculty are encouraged to use steel bottles, jute bags to avoid the use of plastics.

**E. Disabled friendly, barrier free environment:**

1. There are 24 ramps provided all across campus.
2. Total 18 toilets (6 on each floor) for disable persons are provided.
3. Lift provision is also available.

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