

IITM/SP/EC/22

## ENVIRONMENTAL COMMITTEE POLICY

### **Preamble:**

The Environmental Committee Policy of the IITM Institute is designed to foster a culture of sustainability and environmental responsibility within the academic and administrative community. This policy outlines the institute's commitment to minimizing its ecological footprint through comprehensive initiatives focused on energy conservation, waste management, and the promotion of green practices. By integrating environmental considerations into campus operations, educational programs, and research activities, the policy aims to enhance awareness and encourage proactive measures among students, faculty, and staff. The ultimate goal is to create a sustainable and resilient campus environment that serves as a model for environmental stewardship and innovation.

### **Objective:**

- a) To ensure that resources are put to optimum use while minimizing the environmental impact of their use.
- b) To adapt and follow conservation practices consistent with national and international environmental standards.
- c) To commit itself that the resources are appropriately reduced, reused, recycled
- d) To ensure that waste generated is segregated and disposed-off in an appropriate manner consistent with norms of environmental safety and sustainability.
- e) To create awareness and sensitization regarding environmental issues on a regular basis among all the internal stakeholders and the communities outside and educate them through various curricular and co-curricular activities for capacity building and adherence to sustainable practices.



In order to meet above objectives IITM aims to:

- Energy efficient LED bulbs will be extensively used for lighting by replacing CFL and incandescent bulbs.
- Generate what is consumed, by using renewable source of solar energy. Electricity generated on non-teaching days and holidays is transmitted to the grid. The Solar Power Plant at IITM was installed and commissioned on March 6, 2014, boasting an installed capacity of 20 KW. The plant yields approximately 80 units of electricity per day. Net-metering was integrated into the system on August 18, 2015.
- Conserve energy supplies through energy conservation programs, and the regulation of certain energy uses
- Reduce environmental impacts.
- Promotion of use of certified energy efficient appliances
- Increase the use of renewable energy
- Provide means for authentication of energy utilized in various subdomains of the institute
- Rain water harvesting system is available to ensure ground water level is maintained through water recharging.

### **Green and Clean Campus**

- a) All measures required for developing and maintaining green spaces and green belt in around the campus are carried out at IITM with a systematic and scientific approach so as to ensure that the ecological balance in the campus eco-system is maintained and nurtured to protect the bio-diversity.
- b) Planting of trees of selected varieties that can thrive in the climatic conditions of the region in which the campus is located and suitable to serve as habitats for different species of birds, insects and other living organisms while catering to food chain requirements are undertaken periodically.
- c) Landscaping along with planting of flowering seasonal plants is done to enhance the aesthetics and visual appeal of the campus.



- d) Participation of students in activities aimed at promoting green initiatives is ensured through curricular and co-curricular activities by setting up various student clubs/ societies.
- e) Efforts for making the campus a 'zero waste' discharging campus by establishing facilities for solid waste management including composting facilities to convert bio-degradable waste into organic manure for in-house consumption.
- f) Eco Club is available in the institute which organizes drives for planting of trees.

### **Implementation of Policy**

A committee is formed which diligently endeavors to raise awareness among students, faculty members, staff, and the immediate neighborhood community regarding general cleanliness and environmental preservation. Through regular organization of environment awareness programs, the committee aims to disseminate knowledge about the imperative for eco-friendly behavior, initiatives such as tree plantations.

### **Review of Policy**

Policy shall be reviewed every 3 years.

**Disclaimer: The content of this policy are intended for the fostering a culture of sustainability and environmental responsibility within the academic and administrative community at IITM (For Internal Use only)**

