

# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

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## Sustainability and Climate Action Policy

### 1. Introduction:

Teerthanker Mahaveer University (TMU) recognizes the importance of environmental sustainability and responsible resource management as an integral part of its institutional values. The University promotes practices that conserve natural resources, reduce environmental impact, and support climate-responsive operations across campus activities and functions. This policy outlines TMU's commitment to sustainability and climate action in alignment with its institutional values and ongoing environmental initiatives.

### 2. Purpose:

The purpose of this policy is to provide a clear framework for guiding sustainable practices and climate action across academic, administrative, and operational domains at TMU. It aims to:

- Encourage eco-friendly resource use and responsible campus behaviour
- Establish principles for sustainable infrastructure and energy use
- Support water conservation and waste management systems
- Strengthen monitoring and review of environmental performance

### 3. Scope and Applicability

This policy applies to all:

- Faculties, departments, and administrative units
- Students, faculty, and staff
- Campus infrastructure, facilities, and services
- Operations involving energy use, water use, transportation, and waste management

## 4. Definitions

### Sustainability

Using resources in ways that do not compromise the ability of future generations to meet their own needs.

### Climate Action

Actions that reduce an organization's carbon footprint, improve resource efficiency, and mitigate environmental risks.

## 5. Guiding Principles

TMU shall be guided by the following principles:

- **Resource Efficiency:** Reduce energy and water consumption while promoting renewable and efficient technologies.
- **Preventive Environmental Management:** Reduce pollution, enforce waste management, and discourage harmful practices (e.g., single-use plastics).
- **Campus Inclusivity and Awareness:** Encourage participation and awareness among all campus stakeholders.
- **Compliance and Responsibility:** Follow applicable statutory and environmental standards.

## 6. Sustainability and Climate Action Measures

TMU shall implement sustainable and climate-responsive measures in the following areas:

### 6.1 Energy and Facility Efficiency

- Use of energy-efficient LED lighting and power-saving latest technology across campus
- Replacement of outdated electric fixtures with five-star rated equipment
- TMU operates a 1345kWp rooftop solar (PV) power plant which generates 4,500 units per day.

### 6.2 Green Campus Initiatives

- Restrict vehicular entry to designated areas; promote access for resident and service vehicles only
- Encourage use of bicycles and battery-operated vehicles for campus mobility
- Provide well-planned pedestrian pathways to reduce reliance on motor vehicles
- Prohibit single-use plastic across campus and support Swachhta (cleanliness) campaigns

### 6.3 Landscaping and Tree Plantation

- Maintain lush green lawns and landscaping across the campus
- Organize tree plantation drives, including activities planned for World Environment Day, with NSS and community participation

### 6.4 Water Management

- Implement rainwater harvesting systems and recharge structures
- Maintain storage tanks and structures to support functional water use and irrigation
- Treat wastewater through Sewage Treatment Plant (STP) and Effluent Treatment Plant (ETP) for reuse

### 6.5 Environment and Energy Audits

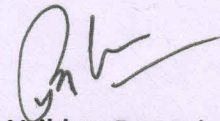
- Conduct periodic green audits, energy audits, and environment audits to monitor performance and identify improvement opportunities

### 7. Roles and Responsibilities

- Environmental Sustainability Cell: Oversee implementation and review of the policy.
- All Departments and Units: Integrate sustainability practices into daily operations.
- Students and Staff: Participate in sustainability initiatives, awareness, and compliance.

### 8. Monitoring, Reporting, and Review

- Environmental performance shall be monitored regularly through audits and documented for internal review and improvement.
- Water, energy, landscaping, and waste management reports shall be maintained.
- The policy shall be reviewed at regular intervals or as needed to respond to regulatory



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