



**Marri Laxman Reddy Institute of Technology and Management  
(UGC Autonomous)**

**Dundigal, Hyderabad – 500043**

**Green Policy**

**Revision-2, With effect from 12<sup>th</sup> November 2019**

## Green Policy

Marri Laxman Reddy Institute of Technology and Management (MLRITM) shares a long-standing and profound connection with nature—an ethos embraced by its students and staff alike. Renowned for its “Clean and Green” campus, the institution integrates environmental stewardship with education to cultivate sustainable practices both on campus and in the surrounding community. Through its Green Campus initiative, MLRITM positions itself as a leader in fostering an environmentally conscious culture by embedding ecological values and ethics within its academic framework. The institute is committed to adopting, implementing, and promoting environmentally responsible practices, thereby fostering a culture of sustainability and eco-awareness across its entire academic ecosystem.

### Scope of the Policy

The Green Campus, Energy, and Environment Policies at MLRITM aim to introduce innovative co-curricular and extracurricular activities that engage students in driving positive environmental change. These initiatives involve a comprehensive review of infrastructure and administrative functions through the lens of energy efficiency, sustainability, and ecological impact.

### Focus Areas

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Infrastructure and Energy Efficiency
- Installation of Energy-Efficient Equipment
- Water Conservation via Rainwater Harvesting
- Waste Management (Solid, Liquid, E-Waste)
- Awareness and Outreach Programs
- Implementation of Green Audit, Energy Audit, and Environmental Audit

### Objectives

- Promote efficient use of natural resources, reduce waste, and enhance recycling and recovery efforts.
- Maintain a plastic-free campus.
- Conduct regular Environmental and Energy Audits.
- Reduce paper consumption through implementation of e-governance.
- Conserve ecological systems and natural resources within the campus.
- Integrate environmental considerations into institutional planning and community outreach programs.

### Environmental Policy Statement

MLRITM is committed to environmentally responsible campus management, promoting sustainability through policies, operations, and community involvement.

### **Clean Campus Initiatives**

Aligned with the vision of the Swachh Bharat Abhiyan, MLRITM has committed to the following:

1. Integrating Swachh Bharat activities into NSS programs.
2. Encouraging active participation of staff and students in campus cleanliness drives.
3. Organizing awareness rallies and cleanliness campaigns.
4. Disposing of obsolete equipment and waste responsibly.
5. Annual pledge by the campus community to maintain cleanliness.
6. Ensuring effective waste management during institutional events.

### **Landscaping Initiatives**

Landscaping at MLRITM reflects our core values, providing green spaces for relaxation, study, and interaction. Green cover helps manage runoff, purify air, and reduce campus temperatures. These landscapes also serve as a platform for promoting environmental awareness.

### **Clean Air Initiatives**

To reduce air pollution and encourage sustainability:

- Staff and students are encouraged to use public or institutional transportation.
- A “Smoke-Free Campus” policy is strictly enforced in line with the National Tobacco Control Program (NTCP).
- Dedicated staff, including gardeners, ensure a litter-free, green environment.

### **Infrastructure and Energy Conservation Initiatives**

#### **Energy Efficiency Measures:**

- Replaced CRT monitors with energy-efficient LCDs.
- Replaced CFL and fluorescent lighting with LED fixtures.
- Installed automatic street lighting systems.
- Promoted architectural designs that utilize natural lighting and ventilation.
- Centralized UPS systems to enhance power efficiency.
- Strategically located generators to minimize noise pollution.

#### **Use of LED Lighting:**

- The campus is extensively equipped with LED lighting to reduce energy use and maintenance costs.

### **Best Practices for Energy Conservation:**

1. Enable power-saving modes on computers and monitors.
2. Power off devices when not in use.
3. Reduce use of decorative lighting.
4. Use daylight instead of artificial lighting wherever possible.
5. Switch off lights, fans, and equipment in unused spaces.

### **Water Conservation through Rainwater Harvesting**

MLRITM has implemented rainwater harvesting systems to replenish groundwater and promote sustainable water usage.

### **Waste Management**

The institute is committed to minimizing its environmental footprint by implementing the following waste management practices:

#### **Solid Waste Management:**

- Dustbins provided across all departments and corridors.
- Promotion of the 3Rs: Reduce, Reuse, Recycle.
- Digital attendance and academic records to minimize paper usage.
- Awareness campaigns on food waste, plastic reduction, and sustainability.
- Regular workshops on waste management practices.

#### **Liquid Waste Management:**

- Regular maintenance to prevent water leakage.
- Installation of Indian-style toilets to conserve water.
- On-campus caretakers promptly address plumbing issues.

#### **E-Waste Management:**

- AMC contracts ensure periodic servicing and responsible disposal of electronic waste.
- Obsolete devices are repaired, resold, or responsibly discarded.
- UPS batteries are reconditioned through certified vendors.

### **Paperless Operations and E-Governance**

MLRITM promotes a digital work environment to reduce paper dependency:

- Digitization of institutional records and communication.
- Cloud-based storage solutions for official data.

- Use of messaging platforms (e.g., Telegram, WhatsApp) for staff-student communication.
- Public address systems reduce the need for printed circulars.
- Learning Management System (Akshara) supports digital delivery of academic content.

### **Awareness and Outreach Initiatives**

The institute regularly organizes seminars, workshops, and awareness campaigns to cultivate a culture of environmental responsibility among all stakeholders.

### **Audits for Sustainability**

#### **Green Audit:**

- Conducted annually to evaluate resource usage, waste generation, and eco-friendly practices.
- Helps identify areas for improvement and informs future planning.

#### **Energy Audit:**

- Conducted periodically to detect energy inefficiencies.
- Identifies opportunities for cost-effective and impactful changes.

### **Plastic-Free Campus**

Following the Government of India's directive (MHRD & UGC, October 2, 2019), MLRITM enforces a strict ban on single-use plastics:

- NSS and student clubs conduct sensitization programs.
- Campus bans items like plastic bags, bottles, cups, and straws.
- Canteens mandated to use eco-friendly alternatives (stainless steel, paper cups/plates).
- Students are encouraged to promote plastic-free practices in their households.
- These measures are integrated into institutional planning and budgeting for long-term sustainability.

