



INSTITUTE OF TECHNOLOGY & MANAGEMENT
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श्रेष्ठ इंटरफ़ेस के लिए
CMAI, AICTE & RGPV
द्वारा पुरस्कृत

INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GWALIOR

ENVIRONMENT POLICY

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INTRODUCTION

The Institute of Technology and Management (ITM) Gwalior is deeply committed to environmental stewardship and sustainability across all facets of its operations. We acknowledge our responsibility to minimize our environmental footprint and cultivate a culture of environmental consciousness among our students, faculty, and staff. This comprehensive policy outlines our dedication to sustainable practices and continuous improvement in environmental management.

1. Compliance and Beyond

- Strictly adhere to all applicable environmental laws, regulations, and standards at the local, state, and national levels.
- Establish an Environmental Compliance Officer role to oversee adherence to regulations and internal standards.
- Implement an Environmental Management System (EMS) aligned with ISO 14001 standards.
- Conduct annual internal audits to ensure compliance and identify areas for improvement.
- Set ambitious internal targets that exceed minimum compliance requirements, positioning ITM as a leader in environmental stewardship among educational institutions.



2. Resource Conservation

WATER MANAGEMENT

- Install water-efficient fixtures and appliances across campus facilities.
- Implement a comprehensive rainwater harvesting system, including storage tanks and groundwater recharge pits.
- Develop and maintain an on-site wastewater treatment plant for recycling and reusing greywater for landscaping and other non-potable uses.
- Conduct regular water audits to identify leaks and inefficiencies.
- Organize water conservation awareness campaigns for students and staff.

ENERGY EFFICIENCY

- Conduct an energy audit to identify areas of high consumption and potential savings.
- Transition to LED lighting across all campus buildings and outdoor areas.
- Install occupancy sensors and smart building management systems to optimize energy use.
- Implement a phase-wise plan to install solar panels on rooftops, aiming for at least 30% of energy needs to be met by solar power within 5 years.
- Explore other renewable energy options such as wind energy or biogas, where feasible.
- Encourage energy-saving behaviours through awareness programs and incentives.



WASTE MANAGEMENT

- Implement a comprehensive waste segregation system (organic, recyclable, and non-recyclable) across the campus.
- Establish a composting facility for organic waste, using the compost in campus gardens.
- Partner with local recycling facilities to ensure proper recycling of paper, plastic, glass, and metal waste.
- Implement a paperless initiative to reduce paper consumption by 50% within two years.
- Organize annual e-waste collection drives and ensure proper disposal through certified e-waste recyclers.
- Conduct waste audits bi-annually to monitor progress and identify areas for improvement.

3. Pollution Prevention

AIR QUALITY MANAGEMENT

- Conduct regular air quality monitoring on campus.
- Increase green cover on campus by planting native trees and maintaining green spaces.
- Install air purifiers in classrooms and offices to ensure good indoor air quality.
- Promote the use of eco-friendly cleaning products to reduce harmful chemical emissions.



NOISE CONTROL

- Implement noise barriers and sound-absorbing materials in identified high-noise zones.
- Establish quiet zones and study areas with strict noise level regulations.
- Conduct awareness programs on the health impacts of noise pollution.

HAZARDOUS MATERIALS AND E-WASTE MANAGEMENT

- Develop a comprehensive hazardous materials management plan, including proper storage, handling, and disposal procedures.
- Provide regular training to laboratory staff and students on safe handling of hazardous materials.
- Establish a centralized e-waste collection and storage facility on campus.
- Partner with government-certified e-waste recyclers for proper disposal and recycling of electronic waste.
- Implement a chemical inventory system to track usage and minimize waste.

4. Sustainable Campus Development

- Form a Sustainable Campus Development Committee to oversee all construction and renovation projects.
- Implement green roofs and vertical gardens on suitable buildings to improve insulation and air quality.



- Use permeable paving materials for walkways and parking areas to reduce stormwater runoff.
- Prioritize the use of sustainable and locally sourced building materials.
- Conduct biodiversity surveys and develop a campus biodiversity management plan.
- Create and maintain a botanical garden featuring local plant species.

5. Education and Awareness

- Introduce a mandatory environmental studies course for all undergraduate students.
- Develop an interdisciplinary sustainability minor program open to students from all departments.
- Organize annual environmental film festivals and eco-fairs to engage the campus community.
- Conduct regular workshops and seminars on various environmental topics for faculty, staff, and students.
- Integrate sustainability case studies and projects into existing courses across all disciplines.
- Establish a sustainability research centre to promote innovative environmental solutions.
- Provide grants and recognition for student-led environmental research projects.



6. Sustainable Procurement

- Develop and implement a sustainable procurement policy prioritizing eco-friendly products and services.
- Establish a supplier code of conduct that includes environmental performance criteria.
- Conduct regular supplier audits to ensure adherence to environmental standards.
- Implement a life-cycle assessment approach for major purchases to consider long-term environmental impacts.
- Prioritize local and regional suppliers to reduce transportation-related emissions.
- Establish a central sustainable procurement database to track and report on progress.

7. Continuous Improvement

- Establish an Environmental Performance Index (EPI) specific to ITM Gwalior to track progress across various sustainability indicators.
- Conduct comprehensive environmental audits every two years, with annual reviews of key performance areas.
- Set SMART (Specific, Measurable, Achievable, Relevant, Time-bound) environmental objectives and targets annually.
- Implement a suggestion system for the ITM community to contribute ideas for environmental improvements.



- Establish a sustainability innovation fund to support promising environmental initiatives proposed by students or staff.
- Benchmark environmental performance against other leading educational institutions nationally and internationally.

8. Transportation

- Implement a campus bike-sharing program with dedicated bike lanes.
- Provide subsidized public transportation passes for students and staff.
- Establish a carpooling system with incentives for participants.
- Install electric vehicle charging stations in campus parking areas.
- Transition the campus vehicle fleet to electric or hybrid vehicles over five years.
- Conduct a transportation survey annually to understand commuting patterns and identify improvement areas.

9. Community Engagement

- Establish partnerships with local environmental NGOs for collaborative projects.
- Organize community clean-up drives and tree-planting events in neighbouring areas.
- Offer environmental education workshops for local schools and community groups.
- Participate in local and regional environmental policy discussions and initiatives.
- Host an annual sustainability conference inviting participants from other educational institutions and organizations.
- Develop a mentorship program where ITM students guide local schools in implementing environmental projects.



10. Transparency and Reporting

- Publish an annual sustainability report detailing environmental performance, initiatives, and progress towards targets.
- Develop a dedicated sustainability section on the ITM website with regular updates on environmental initiatives.
- Organize quarterly town hall meetings to discuss environmental performance and gather feedback.
- Participate in national and international sustainability ranking systems for educational institutions.
- Establish an Environmental Advisory Board including external experts to provide guidance and ensure accountability.

This expanded Environmental Policy represents ITM Gwalior's comprehensive commitment to environmental stewardship. It is endorsed by the highest level of management and will be reviewed annually to ensure its continued relevance and effectiveness. We are dedicated to providing the necessary resources, support, and leadership to implement this policy and achieve our environmental objectives, positioning ITM Gwalior as a leader in sustainable education.



Conclusion

The Environmental Policy of ITM Gwalior reinforces the institution's unwavering commitment to sustainability and environmental stewardship. Through strategic resource management, pollution prevention, sustainable campus development, and continuous improvement efforts, ITM Gwalior is fostering a culture of environmental responsibility. By engaging students, faculty, and the community in its initiatives, the institution not only aims to reduce its environmental footprint but also to inspire broader change beyond its campus. ITM Gwalior is well-positioned to lead by example in the educational sector, paving the way for a more sustainable future.

