



# University of Technology

Serving Education Since 1976

Fatehpuria Main Road, Post Kumhariawas, Vatika Road,  
Rajasthan 303903



1<sup>st</sup> Cycle  
Assessment & Accreditation by NAAC

Criterion - VII  
**INSTITUTIONAL VALUES AND BEST PRACTICES**

7.1.5

**University Green Policy**

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University of Technology  
Vatika, Jaipur

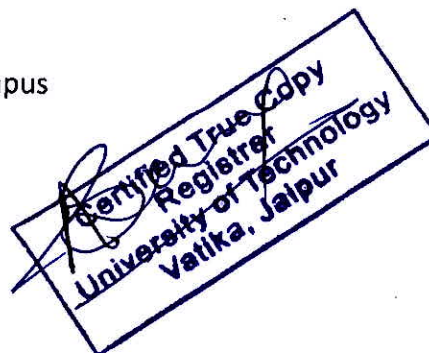
## UNIVERSITY GREEN POLICY

The University of Technology recognizes the vital importance of environmental sustainability and is committed to leading by example through the implementation of a comprehensive green campus and environmental policy. This policy is designed to introduce innovative co-curricular and extra-curricular activities that empower students and staff to actively promote positive environmental change.

This initiative requires a thorough review of all infrastructure and administrative functions to enhance energy efficiency, sustainability and environmental impact. By integrating green practices into our campus operations and community activities, we aim to create a model of environmental stewardship and sustainable development

The main focus areas of this policy include:

- Clean campus initiative
- Landscape projects
- Clean air initiative
- Increase in infrastructure:
- Solar power installation
- Adopting energy efficient appliances
- Water conservation through rainwater harvesting
- Waste Management Programme:
- Solid waste management
- Liquid waste management
- E-waste management
- Awareness campaign
- Activities by environment-focused student committees and departments
- Conducting a Green Audit
- Conducting energy audits
- Establishment of plastic free campus



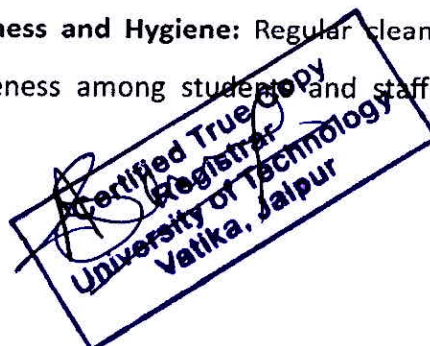
## 1. POLICY OBJECTIVES

- **Protect and preserve ecological systems:** Protect and maintain the ecological systems and resources of the campus.
- **Sustainable resource use:** Ensure judicious use of environmental resources to meet the needs and aspirations of present and future generations.
- **Environmental integration:** Incorporate environmental considerations into policies, plans and programs for social development and outreach activities.
- **Stakeholder and community collaboration:** Partner with all stakeholders and the local community to raise awareness, promote environmental best practices and reduce adverse environmental impacts.
- **Climate protection and adaptation:** Continually enhance contributions to climate protection, adaptation to climate change and conservation of global resources.
- **Resource efficiency:** Improve efficient use of all resources, including energy and water, while reducing consumption and waste production. Prioritize waste recovery and recycling wherever possible.
- **Plastic-free campus:** Eliminate single-use plastics by implementing campus-wide bans.
- **Environment and Energy Audit:** Conduct environmental and energy audits regularly.
- **Reduce paper use:** Reduce paper use in administration by adopting e-governance policies.

## 2. POLICY

The University of Technology is dedicated to actively supporting cleanliness activities within and outside the campus, in line with the vision of the **Swachh Bharat Abhiyan**. The University is committed to continuing this program. Comprehensive approaches include:

- **Mass Awareness on Cleanliness and Hygiene:** Regular cleanliness campaigns will be organized to increase awareness among students and staff while motivating active participation.



- **Community Involvement:** 'Swachh Bharat Abhiyan' activities will be a central part of all community work undertaken by NSS and University volunteers.
- **Staff Participation:** Encourage staff members to participate in cleanliness drives within the university campus.
- **Waste Removal:** Remove all types of waste materials, including broken furniture and unused appliances.
- **Annual Cleanliness Oath:** Students and staff will take an oath annually to maintain the cleanliness of the university campus and its surrounding areas.
- **Workshops on the 3Rs:** Conduct workshops focusing on reducing waste, reusing and recycling.
- **Waste management during events:** Ensure effective waste management and maintain cleanliness especially during university events.

### **3. LANDSCAPING INITIATIVE**

Landscaping is an important aspect of campus life, providing spaces for study, play, outdoor programs, relaxation, and aesthetic enjoyment. Green campus landscapes manage runoff, recharge groundwater, and clean and cool campus air. They clearly represent the campus community's commitment to sustainability. Given their visibility and accessibility, landscaping initiatives are an excellent way to raise environmental awareness.

The University of Technology has over 500 trees and 250 shrubs, providing clean, cool air and soothing environment to over 1000 students and staff. The lush greenery supports a variety of wildlife, including at least 24 species of animals and rare birds, creating a complex rich in biodiversity. The University is committed to enhancing this healthy habitat and maintaining a symbiotic relationship with nature:

- Organization of annual tree plantation campaign.
- To encourage student clubs to organize tree plantation programmes.

### **4. CLEAN AIR INITIATIVE**

We encourage our students and staff to use public transportation. Located on the outskirts of Jaipur, our campus benefits from abundant natural landscapes that help clean the air. We feel a strong responsibility to maintain and expand our green cover to ensure a healthy environment.



## **5. STRUCTURAL INITIATIVE**

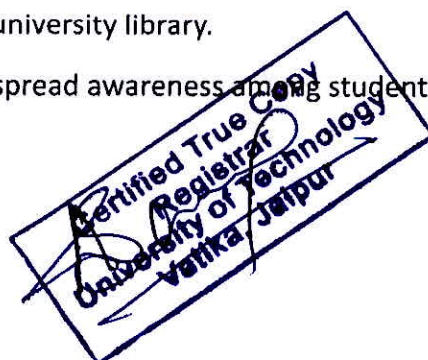
- **Renewable sources of energy:** The University of Technology is dedicated to minimizing and sustainably managing electricity use. The university aims to reduce the consumption of electricity produced from non-renewable resources by switching to clean energy sources such as solar power for campus lighting.
- **Energy Saving and Energy Efficient Appliances:** We are committed to installing eco-friendly electrical appliances that save energy and reduce inefficiencies. The university prioritizes the use of clean energy solutions such as LED lighting.
- **Water Conservation through RainWater Harvesting System:** The University of Technology is dedicated to replenishing the groundwater level by practicing rain water harvesting. This initiative helps in recharging and replenishment of groundwater.

## **6. Waste management processes**

The University of Technology strives to reduce its environmental impact and is dedicated to reducing and managing waste generated on campus. The following specific procedures will be adopted to ensure the University's contribution to the protection of the environment.

- **Solid waste management:**

- Systematically engage with the 3Rs of environmental friendliness (Reduce, Reuse and Recycle).
- Collect paper waste generated in the premises and collaborate with scrap dealers for recycling.
- Reduce solid waste by developing technology-centric learning and administrative models.
- Reduce paper usage by supporting digitization of attendance and internal assessment records.
- Reduce the need for printed books by updating the e-books and e-journals collection of the university library.
- Take initiative to spread awareness among students about the following:

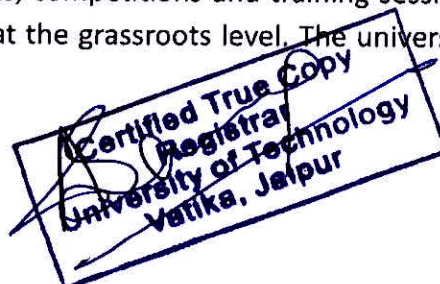


- Food wastage and ways to reduce it.
  - Minimize use of packaged food.
  - Habit of reusing and recycling non-biodegradable products.
  - Organize workshops for students on solid waste management.
- **Liquid Waste Management:**
    - Maintain leak-proof water fixtures.
    - Reduce water use by building more Indian-style toilets instead of Western-style toilets.
    - Assign a caretaker to take immediate action to stop any water leakage through taps, pipes, tanks, toilet flushes etc.
    - Reuse waste water generated by reverse osmosis (RO) system in washrooms.
  - **E-Waste Management:**
    - Provide more provisions for disposal of institutional e-waste.
    - To increase awareness among students about reducing e-waste and eco-friendly disposal practices for e-waste.
    - To encourage department and society level activities related to e-waste management.

## **7. AWARENESS INITIATIVE**

Outreach and education are of utmost importance so that all members of the campus community can value the objectives of the policy and assist in its implementation. That is why the University of Technology supports and encourages awareness campaigns, seminars, workshops, conferences and other interactive sessions to facilitate effective implementation of green campus, energy and environment policies.

- **Environment-focused student clubs and department activities:** The University of Technology encourages all departments and specific student societies like NSS and others to organize events, competitions and training sessions that promote positive environmental changes at the grassroots level. The university supports departments



and student clubs in molding students into active agents of environmental protection and conservation.

- **Green Warriors:** Institutional changes towards sustainability and eco-friendly practices have inspired more students to join this initiative. Making Green Warriors Club mandatory will provide a greater platform to disseminate the environmental values of the organization and raise awareness. This will help in rapidly scaling up the green initiatives and practices that are part of this policy.

## **8. GREEN AUDIT**

The University aims to regularly conduct green audits of the campus to assess strengths and weaknesses to advance our goals of long-term sustainability. Green audits are a useful tool to determine how and where the most energy, water or resources are being used. The university can then consider implementing changes and making savings. It can also determine the type and quantity of waste, enabling recycling projects or waste minimization plans. This will create awareness about health and promote environmental values and ethics. Green auditing will lead to financial savings through reduced resource usage and provide a better understanding of the impact of eco-friendly practices on campus. It is important that universities evaluate their contribution towards a sustainable future.

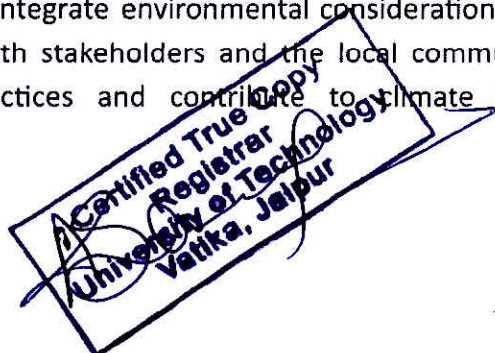
## **9. ENERGY AUDIT**

Energy audits will be conducted as needed to further reduce the University's carbon footprint. Reducing energy consumption is extremely important. Energy audit, using special tools, will identify energy wastage. Such inspections often uncover various defects that cause significant energy losses that the university would not otherwise detect. These shortcomings often have easy and cost-effective solutions, resulting in significant savings.

## **10. PLASTIC FREE CAMPUS**

The University of Technology has been performing most of its duties in terms of solid waste management since its inception. In view of the Government of India's resolution to ban all single-use plastics due to the hazardous effects of plastic

Through these efforts, we strive to protect and conserve our ecosystems, ensure sustainable resource use, and integrate environmental considerations into all aspects of university life. By collaborating with stakeholders and the local community, we aim to raise awareness, promote best practices and contribute to climate protection and adaptation. Our



commitment to resource efficiency, waste reduction and the elimination of single-use plastics reflects our dedication to a greener, healthier future for all.

The University of Technology is dedicated not only to educating future leaders, but also to equipping them with the knowledge and skills needed to make significant environmental contributions. We are committed to continuously improving our environmental performance and inspiring others to join us in our journey towards sustainability.

