

**Office of Dean of Sustainability**  
**Thapar Institute of Engineering & Technology**  
**(Deemed to be University)**  
**Patiala – 147004 INDIA**

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**Horticulture and Green Spaces Policy for Thapar Institute of Engineering and Technology (TIET)**

**Policy Statement**

TIET is dedicated to promoting a sustainable, green, and aesthetically pleasing campus environment. Through the preservation and enhancement of green spaces, horticultural development, and biodiversity conservation, we aim to provide a healthy and inviting atmosphere for students, faculty, staff, and visitors.

**Core Objectives**

1. **Enhance Biodiversity:** Increase the diversity of plant species across campus to create resilient and ecologically beneficial green spaces.
2. **Promote Sustainable Practices:** Utilize sustainable landscaping practices that conserve water, minimize chemical usage, and promote healthy soil.
3. **Encourage Community Involvement:** Engage students, faculty, and staff in green initiatives to foster environmental stewardship and ecological awareness.
4. **Provide Educational Opportunities:** Integrate green space management with academic and research opportunities, promoting learning in fields like horticulture, sustainability, and environmental science.

**Scope**

This policy applies to all green spaces, landscapes, gardens, and horticultural projects across TIET campuses. It also applies to any community member involved in the maintenance, planning, or use of campus green spaces.

**Specific Measures**

1. **Plant Selection and Maintenance**
  - Prioritize native and drought-resistant plant species to reduce water needs and enhance local biodiversity.
  - Use organic and eco-friendly fertilizers and pest management practices.

- Schedule regular maintenance of trees, shrubs, and lawns.

## 2. **Water Conservation**

- Employ efficient irrigation systems with timers to reduce water waste.
- Implement rainwater harvesting and use recycled water for landscaping where possible.
- Incorporate xeriscaping in high water demand areas.

## 3. **Waste Management**

- Compost green waste from pruning and landscaping.
- Minimize chemical inputs and manage waste responsibly.

## 4. **Green Space Design**

- Design spaces with ecological benefits, incorporating pollinator-friendly plants.
- Consider shade, aesthetics, and functionality in landscaping.

## 5. **Awareness and Training**

- Conduct workshops and seminars on sustainable gardening.
- Promote campaigns on the importance of green spaces.

## 6. **Monitoring and Evaluation**

- Regularly monitor plant health, soil quality, and water usage.
- Review landscaping practices to adopt new sustainable techniques.

## **Conclusion**

TIET is committed to creating and maintaining green spaces that are sustainable, beautiful, and conducive to well-being and biodiversity, encouraging responsible environmental stewardship.