

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

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**Activity:** Sustainability Awareness Lecture

**Topic:** Urban Greenery: Fundamentals, Significance, and Future Challenges

**Speaker:** Dr. Sheikh Adil Edrisi, Sustainability Coordinator, Assistant Professor, TSLAS, TIET

**Location:** LT-201, TIET

**Date:** 26 August 2025, Tuesday

On **26 August 2025, Tuesday**, the Office of the Dean of Sustainability, TIET, successfully organized an interactive and insightful lecture on **“Urban Greenery: Fundamentals, Significance, and Future Challenges”**. The session aimed to aware faculty members, staff and students on the **crucial role of urban greenery** in addressing global environmental challenges. The session witnessed an enthusiastic participation of **faculty members, researchers, and students** from various disciplines. Total 125 and above had actively attended the lecture and engaged in discussions related to urban greenery planning and policies, technological advancements, and key takeaway on sustainability initiatives.

**Key Highlights of the Lecture:**

Dr. Sheikh Adil Edrisi, researcher in the field of **Land restoration, forestry plantation and bioenergy production** provided a comprehensive overview of:

- 1. Urban greenery as lifeline for sustainable cities:** Discussing how urban greenery improves environmental quality, enhances health, and ensures long-term sustainability in rapidly urbanizing landscapes.
- 2. Historical roots to modern green innovations:** Describing urban greenery reflects humanity’s evolving relationship with nature from ancient Hanging Gardens of Babylonian Civilization to today’s vertical forests.
- 3. Ecological, social, and economic significance:** Analyzing how green spaces regulate climate, foster biodiversity, build social cohesion, and contribute to economic vitality in cities.
- 4. Challenges of urbanization and climate change:** Exploring the challenge of rapid urban growth, land scarcity, and climate stress threaten the preservation and expansion of urban greenery.
- 5. Collective actions for resilient green futures:** Discussing how institutional policies and individual actions together can build greener, healthier, and more resilient urban futures.

## Key Takeaways:

- ✓ Urban greenery is a critical component of sustainable urban development.
- ✓ Innovative planning and policy are required to balance urban growth with ecological preservation.
- ✓ Collaborative efforts at institutional and individual levels are essential for resilient green futures.

## Photographs of the Event:



Opening Remarks by Prof. Padmakumar Nair (VC-TIET) & Prof. Rafat Siddique (Dean of Sustainability, TIET)



Lecture Delivered by Dr. Sheikh Adil Edrisi



Participants during the Lecture Session



Participants during the Lecture Session



Felicitation Ceremony in the event following the Vote of Thanks by Prof. Kulbir Singh (Assoc. Dean of Sustainability, TIET)

## Conclusions:

The lecture provided interactive insights into the **pressing challenges of Urban greenery** and the need for **proactive initiatives** to ensure a urban sustainability. Comprehensive discussions and ice-breaking sessions made the lecture thought-provoking. The Office of the Dean of Sustainability expresses gratitude to all attendees, and the organizing team for making this event a success. Such discussions will continue to be a key part of TIET's mission toward **sustainable development and environmental responsibility**.

(Kulbir Singh & Anoop Verma)  
Associate Dean Sustainability

(Rafat Siddique)  
Dean Sustainability