

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

Activity: Tree Plantation

Location: Road from R&D gate to Main Gate (Behind F-Block)

Date: 10 December 2024, Tuesday

On **10th December 2024 (Tuesday)**, a significant tree plantation drive was organized along the road from the R&D Gate to the Main Gate (behind F-Block) at Thapar Institute of Engineering and Technology (TIET), Patiala. This event was led by Prof. Rafat Siddique, Dean of Sustainability, TIET, and graced by the presence of Prof. S. S. Bhatia, Controller of Examination, TIET; Prof. Amit Dhir, Professor, Department of Energy and Environment; Prof. Kulbir Singh, Associate Dean of Sustainability-1; Dr. Hari Shankar Singh, Coordinator, Sustainability; and other esteemed guests, technical staff, and non-teaching staff.

The plantation of litchi trees not only enhances the greenery on campus but also contributes to environmental sustainability and serves as an educational resource. Regular care, including watering, mulching, and pest control, ensures the healthy growth and fruiting of the litchi trees, providing long-term benefits to the ecosystem and the institute community.

Details of Plants

Name of Plant	Botanical Name	No of Plants	CO ₂ Absorption* (Kg/year),
Litch	Litchi chinensis	33	50-55

* These values are averages for mature trees and can vary significantly depending on environmental factors such as sunlight, soil quality, and maintenance. Young or newly planted trees typically absorb less CO₂.



Tree planting by Dr. S. S. Bhatia, Controller of Examination (CoE), TIET



Tree planting by Dr. Amit Dhir, Professor, Department of Energy and Environment, TIET



Tree planting by Dr. Kulbir Singh, Professor and Head, Department of ECE, Associate Dean of Sustainability-1, TIET



Tree planting by esteemed guest



Tree planting by Dr. Rafat Siddique, Dean of Sustainability, TIET



Tree planting by Dr. Hari Shankar Singh, Coordinator, Sustainability, TIET

Significance of the Planting Litchi

Environmental Benefit

Litchi trees contribute to reducing carbon dioxide levels by absorbing CO₂, thus mitigating climate change. They also enhance air quality and provide shade, which helps in cooling the surrounding environment.

Biodiversity Support

Litchi trees offer habitat and food for various species of birds, insects, and pollinators, promoting biodiversity.

Aesthetic Value

The litchi tree's lush green foliage and vibrant fruits add aesthetic appeal to landscapes, making them ideal for beautifying campuses and public spaces.

Nutritional and Economic Importance

Litchi fruits are rich in vitamins, minerals, and antioxidants. Cultivating litchi trees can also provide economic benefits through fruit production, supporting local economies.

(Kulbir Singh)
Associate Dean Sustainability

(Rafat Siddique)
Dean Sustainability