

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

**Activity:** Tree Plantation (Celebration of एक पेड़ माँ के नाम / Plant4Mother)

**Location:** Western Gate to STP Area

**Date:** 17 September 2024

This is regarding the “एक पेड़ माँ के नाम / Plant4Mother” campaign, inaugurated by the Hon’ble Prime Minister on World Environment Day, June 5, 2024. The campaign holds immense significance, encouraging individuals to plant trees in honor of their mothers, symbolizing love and care while advancing environmental sustainability. By fostering a culture of tree planting, the initiative aims to combat climate change, preserve biodiversity, and create a greener, healthier planet for future generations. In alignment with this national initiative, Thapar Institute of Engineering and Technology has planted over 285 diverse plant species across its 200-acre campus, reinforcing our commitment to sustainability. Following the circular issued by AICTE on September 14, 2024, we have organized a One-Day Special Plantation Drive on September 17, 2024, at the Western Gate to the STP Area, during which 50 Amaltas saplings were planted. This event saw the active participation of faculty members, including Prof. Rafat Siddique (Dean of Sustainability), Prof. Kulbir Singh (Associate Dean of Sustainability), Dr. Hari Shankar Singh (Coordinator Sustainability), Dr. Sheikh Adil Edrisi (Coordinator Sustainability), and Dr. Dhamodharan (Coordinator Sustainability), Dr. Navdeep Dhillon, Dr. Amit Munjal, Dr. Durgesh and other faculty members, lab technicians along with students and the horticulture team.

This collective effort is part of a broader mission to contribute to the national goal of planting 80 crore saplings by September 2024 and 140 crore by March 2025. We encourage everyone to continue participating in this noble cause, contributing to a sustainable and greener future.



Tree planted by Dr. navdeep Dhillon



Watering and planting Dr. navdeep Dhillon

 <p>GPS Map Camera Patiala, Punjab, India 9935+CHR, Ablawal Rd, Kartar Colony, Patiala, Punjab 147004, India Lat 30.353342° Long 76.359085° 17/09/24 09:45 AM GMT +05:30</p>	 <p>GPS Map Camera Patiala, Punjab, India 9935+CHR, Ablawal Rd, Kartar Colony, Patiala, Punjab 147004, India Lat 30.353364° Long 76.359084° 17/09/24 09:46 AM GMT +05:30</p>
Tree planting by Staff	Tree planted by DoS and ADOs
 <p>GPS Map Camera Patiala, Punjab, India 9935+CHR, Ablawal Rd, Kartar Colony, Patiala, Punjab 147004, India Lat 30.353355° Long 76.359081° 17/09/24 09:46 AM GMT +05:30</p>	 <p>GPS Map Camera Patiala, Punjab, India 9935+CHR, Ablawal Rd, Kartar Colony, Patiala, Punjab 147004, India Lat 30.353476° Long 76.359059° 17/09/24 09:51 AM GMT +05:30</p>
Watering and planting by Dr. Rafat Siddique, DoS and Others	Tree planting by Dr. Hari Shankar Singh, Coordinator, Sustainability

## Significance of the Planting

**Sustainability and Environmental Impact:** The planting of *Bahera* trees aligns with broader sustainability goals aimed at enhancing biodiversity, improving soil health, and mitigating the effects of climate change. By introducing these species into the environment, the event promotes the regeneration of green cover, supports local ecosystems, and reinforces the commitment to environmental stewardship.

**Biodiversity Enhancement:** Both *Bahera* play critical roles in supporting biodiversity. It attracts pollinators like bees and butterflies and provides shelter and food for various bird species. By planting these trees, the event contributes to creating a thriving ecosystem that sustains a wide range of flora and fauna.

**Soil and Water Conservation:** The deep-rooted systems of these plants help stabilize the soil, reduce erosion, and improve water retention. This is particularly important in areas prone to soil degradation and water scarcity. The introduction of *Machira* is especially beneficial in rehabilitating degraded lands, while *Sita Ashoka* enhances soil fertility through its leaf litter.

(Kulbir Singh)  
Associate Dean Sustainability

(Rafat Siddique)  
Dean Sustainability