



Sandip University, Nashik
School of Engineering and Technology
Department of Electrical Engineering
Event Report: Tree Plantation Programme

Date of the Event: 30.07.2026

Time: 10:30 AM

Venue: Sandip University Ground, Sandip University, Nashik
Participants: 30 Third Year Electrical Engineering Students and Faculty Members

Introduction

The Department of Electrical Engineering, School of Engineering and Technology, Sandip University, Nashik, organized a Tree Plantation Programme on 30 July 2026 at 10:30 AM at the Sandip University Ground. The programme was conducted in alignment with the United Nations Sustainable Development Goals (SDGs), particularly SDG 13 (Climate Action) and SDG 15 (Life on Land). Around 30 students from Third Year Electrical Engineering actively participated along with faculty members. The programme aimed to promote environmental awareness, encourage sustainable practices, and instill social responsibility among students.

Objectives of the Tree Plantation Drive

The **Tree Plantation Programme** organized by the **Department of Electrical Engineering, Sandip University, Nashik**, was conducted with the following objectives:

1. **To promote environmental conservation** by encouraging students to actively participate in increasing green cover through plantation of indigenous tree saplings.
2. **To create awareness about climate change** and highlight the importance of trees in reducing carbon emissions, improving air quality, and maintaining ecological balance.
3. **To contribute towards the achievement of the United Nations Sustainable Development Goals (SDGs)**, particularly:
 - **SDG 13 – Climate Action**: Encouraging climate resilience through afforestation and carbon sequestration.
 - **SDG 15 – Life on Land**: Supporting biodiversity conservation, restoration of ecosystems, and sustainable use of terrestrial resources.
4. **To instill environmental responsibility among engineering students** by motivating them to adopt sustainable practices and become environmentally conscious professionals.

5. **To encourage community participation** in environmental protection by involving students and faculty members in a collective initiative for a greener campus.
6. **To enhance the green ecosystem of Sandip University** by increasing tree cover, improving the campus environment, and promoting a healthy and sustainable learning atmosphere.
7. **To develop leadership, teamwork, and social responsibility** among students through active participation in planning, executing, and maintaining the plantation drive.
8. **To emphasize the importance of sustainable development** by demonstrating how individual actions, such as planting and nurturing trees, contribute to long-term environmental sustainability.
9. **To inspire students to become ambassadors of environmental stewardship**, encouraging them to continue similar conservation activities in their communities and future workplaces.
10. **To promote the concept of "Plant, Protect, and Preserve"**, ensuring that the initiative extends beyond plantation to the continuous care and maintenance of the planted saplings for their healthy growth.

Activities Conducted

- Inauguration of the plantation drive by faculty members.
- Distribution of saplings and plantation at designated locations.
- Guidance on proper planting techniques, watering, and maintenance.
- Awareness session on the importance of afforestation, biodiversity, and environmental conservation.
- Students pledged to protect and nurture the planted saplings.

SDG Alignment

The Tree Plantation Programme conducted by the Department of Electrical Engineering, Sandip University, Nashik, was closely aligned with the United Nations Sustainable Development Goals (SDGs), reinforcing the University's commitment to environmental sustainability and responsible citizenship.

SDG 13 – Climate Action

The plantation drive directly supported **SDG 13: Climate Action** by encouraging students to participate in activities that help mitigate the adverse effects of climate change. Trees act as natural carbon sinks by absorbing carbon dioxide from the atmosphere, thereby reducing greenhouse gas concentrations. The initiative also sensitized students to the importance of adopting sustainable practices that contribute to climate resilience and environmental protection. Through active participation, students understood the role of afforestation in combating global warming, preventing soil erosion, regulating local climate, and improving overall environmental quality.



Contribution to SDG 13:

- Enhanced awareness about climate change and its environmental impacts.
- Promoted carbon sequestration through tree plantation.
- Encouraged environmentally responsible behavior among students.
- Fostered long-term commitment towards climate resilience and sustainability.

SDG 15 – Life on Land

The programme also contributed significantly to **SDG 15: Life on Land**, which focuses on protecting, restoring, and promoting the sustainable use of terrestrial ecosystems. By planting native tree species within the university campus, the initiative aimed to enhance biodiversity, improve soil health, and create a greener environment. Students gained practical exposure to ecological conservation and recognized the importance of preserving natural resources for future generations.

Contribution to SDG 15:

- Increased green cover within the university campus.
- Supported biodiversity conservation by promoting the growth of native tree species.
- Improved ecological balance and habitat development.
- Encouraged sustainable management and protection of terrestrial ecosystems.

Institutional Commitment to Sustainability

The Tree Plantation Programme reflected Sandip University's commitment to integrating sustainable development into academic and extracurricular activities. The initiative provided students with an opportunity to translate theoretical knowledge of environmental sustainability into meaningful action. By participating in the plantation drive, students developed a sense of environmental stewardship, social responsibility, and civic engagement, which are essential qualities for future engineers.

Overall SDG Impact

The programme successfully integrated environmental awareness with community participation and experiential learning. It empowered students to become active contributors to sustainable development by recognizing that even small initiatives, such as planting and nurturing trees, can have a lasting positive impact on society and the environment. Through this drive, the Department of Electrical Engineering reaffirmed its dedication to achieving the Sustainable Development Goals and fostering a culture of sustainability on campus.

Outcomes and Impact

- Increased environmental awareness among students.
- Encouraged teamwork and community participation.
- Strengthened students' commitment toward sustainable development.
- Enhanced the greenery of the university campus.
- Motivated students to participate in future environmental initiatives.

The Tree Plantation Programme organized by the Department of Electrical Engineering, Sandip University, Nashik, on 30th July 2026 proved to be a meaningful and impactful initiative that strengthened environmental awareness and encouraged students to become active contributors to sustainable development. The programme successfully combined environmental conservation with experiential learning, enabling students to understand the importance of preserving natural resources through direct participation.

1. Enhanced Environmental Awareness

The plantation drive significantly increased students' awareness of environmental issues such as climate change, deforestation, global warming, and biodiversity loss. Through active involvement in planting saplings, students gained a deeper understanding of the crucial role that trees play in maintaining ecological balance, improving air quality, conserving water, and reducing carbon emissions. The programme inspired students to recognize that environmental protection begins with individual responsibility and collective action.

2. Promotion of Sustainable Development Goals (SDGs)

The activity effectively promoted the principles of SDG 13 (Climate Action) and SDG 15 (Life on Land) by encouraging students to actively participate in environmental conservation initiatives. The programme demonstrated how local actions, such as tree plantation, contribute to global sustainability efforts. Students developed an appreciation for sustainable practices and understood their role in achieving environmental and social well-being.



3. Increased Green Cover on Campus

The plantation of saplings contributed to enhancing the green landscape of the Sandip University campus. The initiative supported the University's ongoing efforts to develop a cleaner, healthier, and more sustainable environment. The newly planted trees are expected to improve biodiversity, reduce dust and pollution, provide shade, and contribute to the long-term ecological development of the campus.

4. Development of Environmental Responsibility

The programme instilled a strong sense of environmental stewardship among students. Rather than viewing tree plantation as a one-time activity, participants realized the importance of protecting and nurturing the planted saplings until they mature. This experience encouraged students to adopt environmentally responsible habits in their daily lives and motivated them to participate in future conservation activities.

5. Strengthened Teamwork and Leadership Skills

The plantation drive required coordinated efforts among students and faculty members, promoting teamwork, cooperation, communication, and leadership. Students worked together in planning, planting, watering, and organizing the activity, which enhanced their collaborative abilities and demonstrated the value of collective action in achieving meaningful environmental goals.

6. Experiential Learning Beyond the Classroom

The programme provided students with an opportunity to apply theoretical concepts related to environmental sustainability in a practical setting. This hands-on experience enriched their academic learning by demonstrating the real-world significance of ecological conservation. Such experiential learning helped students connect engineering education with sustainable development and social responsibility.

7. Improved Community Engagement and Social Responsibility

The initiative encouraged students to actively contribute to society by participating in a community-oriented environmental activity. It reinforced the values of civic responsibility, volunteerism, and environmental ethics. Students were inspired to extend similar plantation and conservation activities beyond the university campus, thereby creating a positive impact within their local communities.



8. Contribution to Climate Resilience

The planted saplings will contribute to long-term environmental benefits by absorbing atmospheric carbon dioxide, producing oxygen, conserving soil moisture, preventing soil erosion, and supporting local biodiversity. As the trees mature, they will strengthen the campus ecosystem and contribute to climate resilience, reflecting the University's commitment to sustainable environmental practices.

9. Enhanced Institutional Commitment to Sustainability

The successful execution of the programme reinforced the Department of Electrical Engineering's commitment to integrating sustainability into academic and co-curricular activities. The initiative demonstrated the department's dedication to fostering environmentally conscious engineers who understand the importance of balancing technological advancement with ecological preservation.

10. Long-Term Positive Impact

The Tree Plantation Programme served as more than a symbolic event; it laid the foundation for continuous environmental conservation efforts within the university. The initiative motivated students to become ambassadors of sustainability by encouraging them to participate in future green initiatives, promote environmental awareness, and contribute to building a cleaner and healthier society.

Overall Impact

The Tree Plantation Programme successfully transformed environmental awareness into meaningful action by engaging 30 Third-Year Electrical Engineering students and faculty members in a collective effort to create a greener campus. The initiative not only increased the university's green cover but also cultivated a culture of environmental responsibility, teamwork, and sustainable thinking among future engineers. The programme stands as a testament to the Department of Electrical Engineering's commitment to achieving the United Nations Sustainable Development Goals and nurturing socially responsible professionals dedicated to building a sustainable future.

Conclusion

The Tree Plantation Programme organized by the Department of Electrical Engineering, School of Engineering and Technology, Sandip University, Nashik, on **30th July 2026** was a highly successful and impactful initiative that reinforced the importance of environmental conservation and sustainable development. Conducted at the **Sandip University Ground** with enthusiastic participation from **30 Third-Year Electrical Engineering students** and faculty members, the programme



demonstrated the department's commitment to creating environmentally responsible engineers and promoting a greener campus.

The event provided students with an opportunity to move beyond classroom learning and actively contribute to environmental protection through the plantation of tree saplings. By participating in this hands-on activity, students developed a deeper understanding of the vital role trees play in maintaining ecological balance, improving air quality, conserving biodiversity, mitigating climate change, and ensuring a healthier environment for future generations. The programme also encouraged students to recognize that sustainable development requires continuous individual and collective efforts.

The plantation drive was closely aligned with the United Nations Sustainable Development Goals (SDGs), particularly SDG 13 – Climate Action and SDG 15 – Life on Land, emphasizing the significance of local environmental initiatives in addressing global environmental challenges. It inspired students to adopt environmentally conscious practices and strengthened their sense of civic responsibility, teamwork, leadership, and environmental stewardship.

Beyond the immediate environmental benefits, the programme fostered a culture of sustainability within the university by encouraging students to take ownership of the planted saplings and participate in their long-term care and maintenance. The initiative highlighted that tree plantation is not merely a ceremonial activity but a continuous commitment toward protecting natural resources and building a sustainable future.

The Department of Electrical Engineering extends its sincere appreciation to the university administration, faculty members, student volunteers, and all participants for their wholehearted support and active involvement in making the programme a grand success. Their enthusiasm, dedication, and collective efforts played a crucial role in achieving the objectives of the plantation drive.

The **Tree Plantation Programme** stands as a testament to the department's unwavering commitment to environmental sustainability, social responsibility, and holistic student development. It has laid a strong foundation for future green initiatives and will continue to inspire students to contribute meaningfully toward environmental conservation. Through such initiatives, the Department of Electrical Engineering reaffirms its vision of nurturing technically competent, socially responsible, and environmentally conscious engineers who are committed to **"Engineering a Sustainable Tomorrow."**

SDG Mapping

The Tree Plantation Programme directly contributes to the following United Nations Sustainable Development Goals (SDGs):

- SDG 3 – Good Health and Well-Being: Trees improve air quality and contribute to a healthier living environment.
- SDG 4 – Quality Education: Provides students with experiential learning and awareness of environmental sustainability.
- SDG 11 – Sustainable Cities and Communities: Supports the development of greener, healthier, and more sustainable campus environments.
- SDG 13 – Climate Action: Trees absorb carbon dioxide and contribute to climate-change mitigation and environmental resilience.
- SDG 15 – Life on Land: Promotes biodiversity conservation, restoration of green spaces, and protection of terrestrial ecosystems.
- SDG 17 – Partnerships for the Goals: Encourages collective participation and collaboration among students, faculty, and the university community in achieving sustainability objectives.







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