

SUSTAINABILITY @TIET

A Sustainability Handbook for Students, Faculty and Staff



Office of Dean Sustainability and Impact
Thapar Institute of Engineering and Technology
Patiala-147 004, Punjab India



Table of Content

Sustainability Objective and Commitment	3
Objective	3
Our Sustainability Commitments.....	4
Sustainability and SDGs	5
What is Sustainability?	5
What are the Sustainable Development Goals (SDGs)?	6
Sustainability Starts with You	7
Why does Sustainability Start with You?	7
Did You Know?	7
I can make a difference	10
Take Action Today.....	10
The Ripple Effect	12
Building Sustainable Habits	13
A–Z of Sustainable Practices [4]	14
Sustainability Focused	27
Campus Sustainability Initiatives	28
Tree Plantation and Biodiversity Conservation	34
Sustainability Awareness Campaigns.....	35
Energy Conservation Initiatives	36
Water Stewardship and Wastewater Management	38
Waste Segregation and Recycling	39
Sustainability Hackathons and Poster Competitions	40
Expert Lectures, Workshops, and Capacity Building.....	41
Mission LiFE and SDG Promotion Activities.....	42
BSIS Certification and Institutional Sustainability Recognition	44
Green Mobility and Healthy Campus Initiative	45
Leadership	46
Conclusion	48
Contact	49

Sustainability Objective and Commitment

Objective

At Thapar Institute of Engineering and Technology (TIET), sustainability is a core institutional value that guides education, research, innovation, campus operations, and community engagement. Guided by the United Nations Sustainable Development Goals (SDGs) and the Government of India's Mission LiFE initiative, TIET is committed to fostering a sustainable, inclusive, and resilient campus through responsible resource management, environmental stewardship, and socially responsible practices. The Institute strives to integrate sustainability into teaching, research, governance, and everyday campus life while empowering students, faculty, staff, and stakeholders to become responsible global citizens who contribute to building a greener and more sustainable future.



Our Sustainability Commitments

At TIET, we are committed to embedding sustainability into every aspect of institutional life. Our commitments reflect our responsibility to the environment, society, and future generations.

- ✚ **Promote Sustainable Education** by integrating sustainability principles, the SDGs, and responsible citizenship into teaching and learning.
- ✚ **Advance Research and Innovation** that addresses environmental, social, and economic challenges while creating solutions with societal impact.
- ✚ **Develop a Green and Resource-Efficient Campus** through energy conservation, water stewardship, waste management, biodiversity conservation, and sustainable infrastructure.
- ✚ **Foster an Inclusive and Responsible Community** by promoting diversity, equity, health, well-being, ethics, and stakeholder engagement.
- ✚ **Encourage Responsible Consumption and Circular Economy Practices** by minimizing waste, reducing single-use plastics, and promoting reuse and recycling.
- ✚ **Promote Sustainable Lifestyles** by encouraging behavioural change through Mission LiFE, green mobility, and environmentally responsible daily practices.
- ✚ **Build Strategic Partnerships** with industry, government, academia, and communities to advance sustainability and achieve the Sustainable Development Goals.
- ✚ **Ensure Good Governance and Continuous Improvement** by monitoring sustainability performance, promoting transparency, and strengthening institutional accountability.

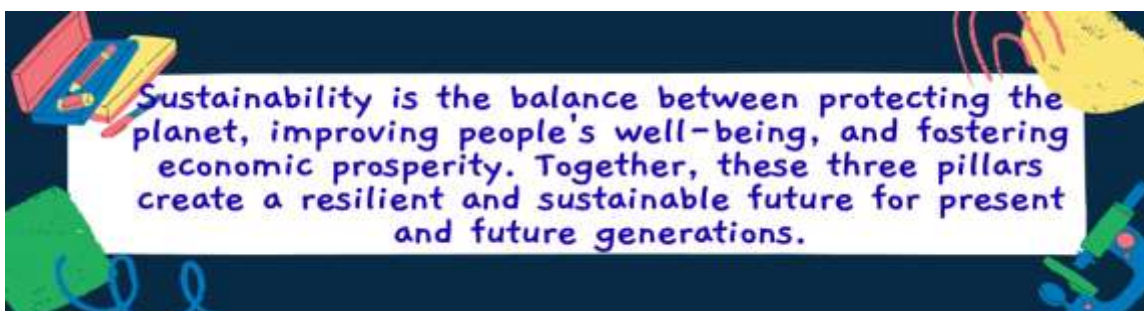
Sustainability and SDGs

What is Sustainability?

Sustainability means “**meeting the needs of the present without compromising the ability of future generations to meet their own needs**” [1]. It is about using natural resources wisely, protecting the environment, promoting social well-being, and supporting economic development in a balanced and responsible manner.

In simple terms, sustainability encourages us to make choices today that create a healthier, cleaner, and more equitable world tomorrow.

Whether it is switching off unused lights, reducing plastic waste, conserving water, planting trees, or conducting responsible research, every individual action contributes to building a sustainable future.



[1]. United Nations, Sustainable Development Goals, 2030 Agenda for Sustainable Development.

What are the Sustainable Development Goals (SDGs)?

In 2015, all United Nations Member States adopted the 2030 Agenda for Sustainable Development, which provides a global blueprint for peace, prosperity, and environmental protection.

At the heart of this agenda are the 17 Sustainable Development Goals (SDGs), designed to address the world's most pressing environmental, social, and economic challenges by the year 2030 [2].

The SDGs encourage collaboration among governments, businesses, educational institutions, and communities to build a more sustainable and equitable future.



[2]. United Nations, *Transforming our World: The 2030 Agenda for Sustainable Development*.

Sustainability Starts with You

Simple Actions • Shared Responsibility • Lasting Impact

Why does Sustainability Start with You?

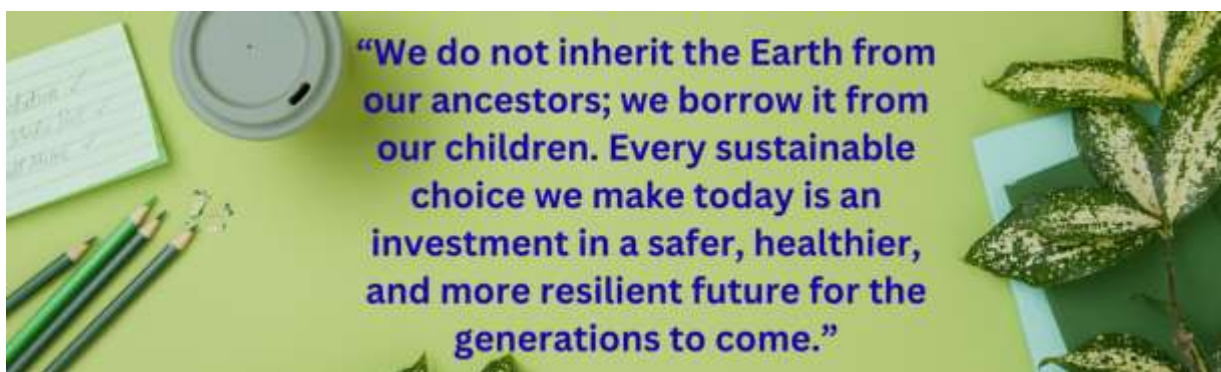
Every day, our planet faces increasing pressure from climate change, resource depletion, pollution, and biodiversity loss. While these challenges may seem global, their solutions begin with the choices we make every day.

Did You Know?

- ✚ **Climate Change:** 2024 was the warmest year ever recorded globally, highlighting the growing impacts of climate change on ecosystems, economies, and human health [3].
- ✚ **Energy:** Buildings and their operations account for approximately one-third of global energy-related greenhouse gas emissions, making energy-efficient campuses an important part of climate action [3].
- ✚ **Water:** More than 2.2 billion people worldwide still lack access to safely managed drinking water, emphasizing the importance of conserving every drop [3].
- ✚ **Waste:** The world generates over 2 billion tonnes of municipal solid waste every year, and this figure is expected to increase significantly by 2050 if current consumption patterns continue [3].
- ✚ **Forests:** Around 10 million hectares of forests are lost every year, reducing biodiversity, weakening natural carbon sinks, and threatening wildlife habitats [3].
- ✚ **Biodiversity:** Nearly one million plant and animal species are at risk of extinction, many within the coming decades,

due to human activities such as habitat destruction, pollution, and climate change [3].

- ✚ **Plastic Pollution:** Every year, **millions of tonnes of plastic waste** enter rivers, lakes, and oceans, harming marine life and entering the food chain through microplastics [3].
- ✚ **Food Waste:** Approximately **one-third of all food produced globally** is lost or wasted, while millions of people continue to face hunger and malnutrition [3].
- ✚ **Sustainable Transport:** Walking, cycling, or using public transport for short trips not only reduces carbon emissions but also improves physical health and reduces traffic congestion [3].



"The greatest threat to future generations is not climate change alone—it is believing that our individual actions do not matter."

[3]. United Nations Department of Economic and Social Affairs. *The Sustainable Development Goals Report 2026*.

WITHOUT ACTION

A Path to Threats and Loss



POLLUTION

Dirty air, water and soil harm every life.



CLIMATE CHANGE

Rising temperature, extreme weather events.



BIODIVERSITY LOSS

Loss of species and ecosystems balance.



RESOURCE SCARCITY

Water and food become scarce and unreliable.



HEALTH IMPACT

More diseases, stress and poor well-being.



ECONOMIC LOSS

Higher costs, job losses and slower growth.



FUTURE AT RISK

A difficult world for the next generations.



IF WE CONTINUE ON THIS PATH,

THE DAMAGE WILL BE IRREVERSIBLE.

I can make a difference

Small Actions. Big Impact. A Better Tomorrow.



Take Action Today

- ✚ **Switch Off Lights:** Turn off lights, fans, and electrical appliances when they are not in use to conserve energy and reduce carbon emissions.
- ✚ **Save Water:** Use water wisely, report leaks promptly, and avoid unnecessary wastage. Every drop saved contributes to a sustainable future.
- ✚ **Segregate Waste:** Separate biodegradable, recyclable, and non-recyclable waste to improve recycling efficiency and reduce landfill waste.
- ✚ **Plant & Protect Trees:** Participate in plantation drives and help preserve the green spaces that make TIET a healthier and more beautiful campus.
- ✚ **Walk or Cycle:** Choose walking or cycling for short distances whenever possible to reduce air pollution and improve personal health.
- ✚ **Use Public Transport:** Prefer buses, carpooling, or shared transport to reduce traffic congestion and greenhouse gas emissions.
- ✚ **Go Paperless:** Use digital documents, online submissions, and double-sided printing only when necessary to conserve paper and natural resources.
- ✚ **Carry a Reusable Mug:** Reduce single-use cups by carrying your own reusable coffee or tea mug.

- ✚ **Bring a Reusable Water Bottle:** Avoid single-use plastic bottles by refilling and reusing your own bottle throughout the day.
- ✚ **Inspire Others:** Lead by example. Encourage your friends, classmates, colleagues, and family members to adopt sustainable practices.



The Ripple Effect

At TIET, every sustainable choice creates a chain of positive impact. When one member of our community adopts a responsible habit, it inspires classmates, colleagues, departments, and the entire campus. Together, these collective actions build a greener TIET and contribute to a healthier planet for future generations.

"At TIET, one action doesn't end with you—it inspires an entire community."



Building Sustainable Habits

This section highlights practical habits that everyone can adopt to reduce environmental impact, conserve natural resources, and contribute to a cleaner, healthier, and more sustainable campus.



A–Z of Sustainable Practices [4]



[4]. Ministry of Environment, Forest and Climate Change, Government of India. *Mission LiFE: Lifestyle for Environment*. Government of India. Accessed August 18, 2026.









Incentivizing technological adoption

Adopting “**clean tech**” refers to products or companies that provide renewable energy and eco-friendly alternatives to current technologies



Adopting drip/sprinkler irrigation



Promoting insitu recycling of household waste as well as Zero liquid discharge in industries.



Judicious use of resources

Follow Gandhiji's talisman and his philosophy of minimalism

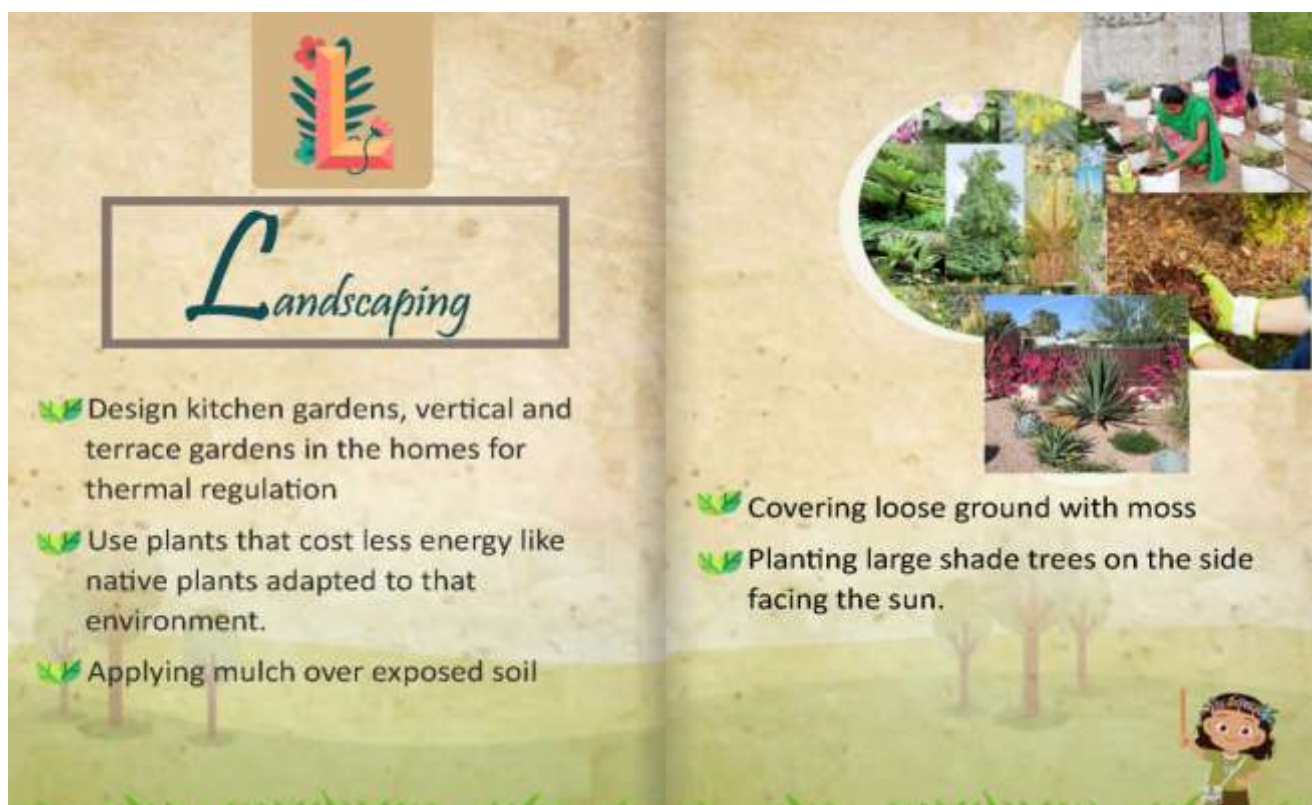


Don't extract more than required



Don't waste water & food







Microenvironment Management

Conducting water and energy audit through electricity and water bills in homes, colonies, schools etc.



Water Audit



Water Leaking



Water Conservation



Rain water harvesting

Adopt environment friendly measures such as rain water harvesting, e-waste recycling etc. in homes, colonies, schools etc.



Choosing environment friendly and sustainable materials for furniture, floorings, furnishings etc.



Need not Greed

Adopt **Car Pool** wherever possible.



Avoid food wastage during functions, marriages, parties etc.



Share stationary, printer etc in offices





O *ptimum office*

 Optimise use of printed papers and go in for double sided printing as far as possible



Bringing personal coffee mug/ plates instead of disposable cups/mugs



P *rioritize our Planet*

Work towards reducing all forms of **Pollution.**



Conduct meetings virtually as far as possible



Indulge in outdoor sports and activities for physical and mental health instead of digital games with high carbon footprint.





Quit habits antithetical to environment

Quit smoking and spitting paans in buildings and open spaces.



✔ Quit laxity in following environment friendly behaviour.

✔ Quit using products with high carbon footprint.



6Rs- Reduce, Reuse, Recycle, Recover, Redesign and Remanufacture

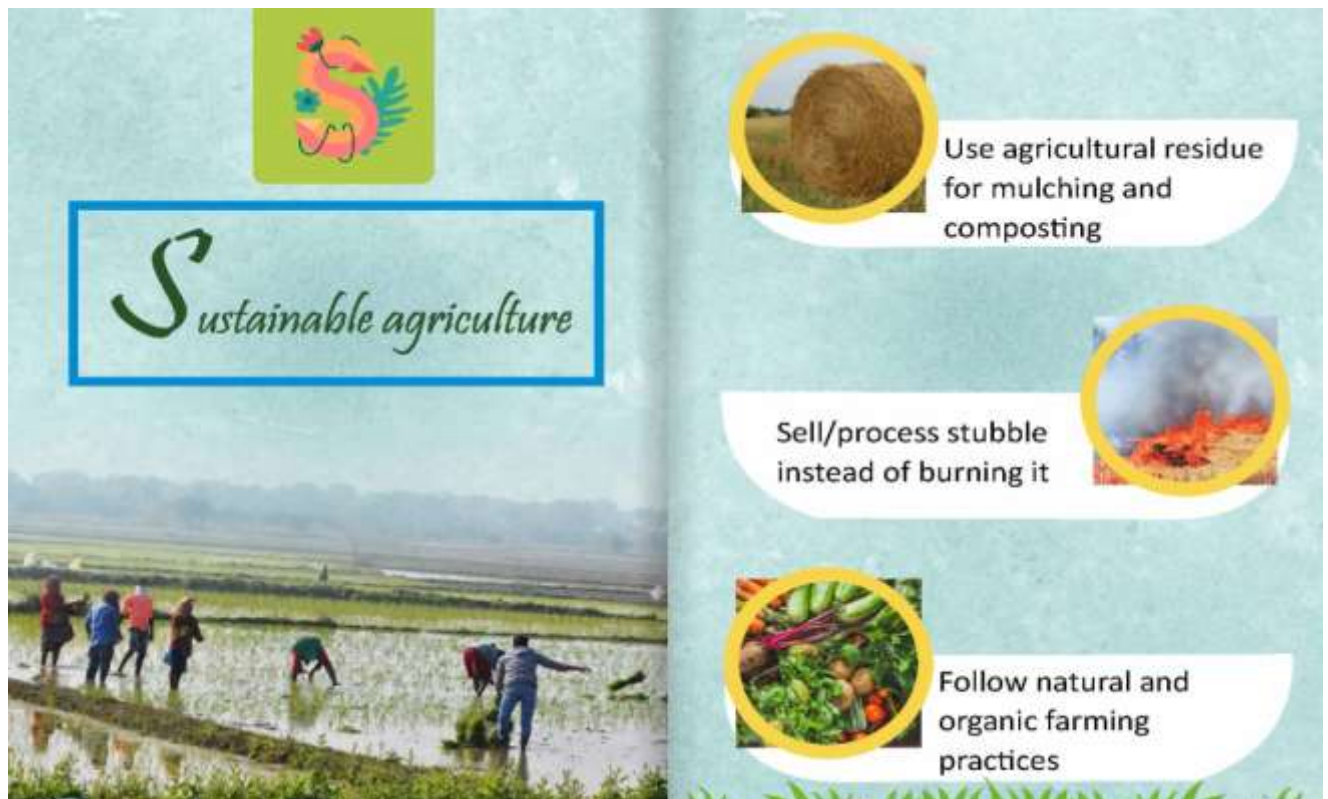


✔ Giving used textbooks to juniors; making rough notebooks from unused sheets of old notebooks.

✔ Donating clothes to charity

✔ Using handkerchiefs instead of tissues







U_{ber} urban



- Install dual flush/vacuum toilets
- Install more windows in homes for natural light
- Use solar water heaters instead of electric heaters



V_{alue} your culture



Do an hour of yoga instead of running on a treadmill.



Reverting to healthy dietary habits rooted in our culture like jowar, bajra, ragi.

Use dyes from natural sources





Waste management

Segregating biodegradable and non-bio-degradable wastes



Installing a faucet aerator to reduce water wastage

Recycle e-waste through recyclers instead of discarding them



'X'travagance' avoidance

Don't spend just because you can afford it.



Optimise flower decorations in marriages and functions

Put extra efforts for making people aware in your locality like burning of waste by sweepers, dumping waste in the backyard etc.





Catch them *Y*oung



- Parents should inculcate environment friendly behavior in their children.
- Involving children in cleanliness drives in schools, colleges etc.
- Mainstreaming Environmental studies in the curriculum



*Z*ero-carbon lifestyle

Using staircase instead of lifts.



Use public transport over private transport.



Solarize your homes



Sustainability Focused

Reduction 	• Reduce energy and water consumption through efficient practices. • Reduce single-use plastics and unnecessary material consumption. • Reduce paper use by promoting digital communication and documentation. • Reduce waste through segregation, reuse, and recycling. • Reduce carbon emissions through walking, cycling, shared mobility, and electric transportation.
Improvement 	• Continuously improve energy-efficient campus infrastructure. • Expand green spaces, tree plantation, and biodiversity initiatives. • Improve waste-management and resource-recovery systems. • Strengthen sustainable mobility infrastructure, including cycling and walking facilities. • Monitor sustainability performance and identify opportunities for further improvement.
Innovation 	• Encourage innovative solutions to campus sustainability challenges. • Promote sustainability-focused hackathons, competitions, and student projects. • Explore smart technologies for energy, water, waste, and mobility management. • Support research and technology development addressing environmental challenges. • Encourage students and faculty to turn sustainable ideas into practical campus solutions.

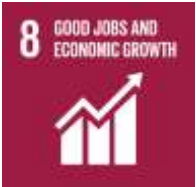
Campus Sustainability Initiatives

From Vision to Action, From Action to Impact

TIET's sustainability initiatives contribute to the United Nations Sustainable Development Goals (SDGs) through action in education, health, energy, water, mobility, biodiversity, responsible consumption, innovation, climate action, and partnerships. Together, these initiatives translate global sustainability goals into meaningful action across the TIET campus and community.

SDG	Goal	TIET Activities / Contributions
	No Poverty	✓ Community outreach and social-impact activities. ✓ Educational engagement with students and community stakeholders. ✓ Initiatives supporting inclusive and sustainable development.
	Zero Hunger	✓ Awareness programmes on sustainable food practices. ✓ Promotion of responsible food consumption. ✓ Initiatives for reduction of food waste. ✓ Activities promoting sustainable food systems.

	Good Health & Well-being	✓ Development and use of walking and cycling tracks. ✓ Promotion of electric golf carts and low-carbon mobility. ✓ Green campus and plantation activities. ✓ Awareness programmes promoting healthy and active lifestyles.
	Quality Education	✓ Sustainability lectures and workshops. ✓ SDG Poster Presentation activities. ✓ Sustainability Sprint and Hackathon programmes. ✓ Mission LiFE awareness programmes. ✓ Integration of sustainability into teaching and learning.
	Gender Equality	✓ Equal participation of students, faculty, and staff. ✓ Inclusive sustainability programmes and institutional activities. ✓ Opportunities for diverse groups to contribute to campus initiatives.

	Clean Water & Sanitation	✓ Water conservation awareness programmes. ✓ Promotion of responsible water consumption. ✓ Reporting and timely addressing of water leaks. ✓ Promotion of water-efficient practices and technologies.
	Affordable & Clean Energy	✓ Energy awareness lectures and campaigns. ✓ Promotion of energy conservation practices. ✓ Use of energy-efficient lighting and equipment. ✓ Promotion of renewable-energy initiatives. ✓ Responsible electricity consumption across campus.
	Decent Work & Economic Growth	✓ Sustainability-focused skill-development activities. ✓ Student projects addressing sustainability challenges. ✓ Experiential learning opportunities. ✓ Promotion of sustainability-oriented innovation. ✓ Development of responsible institutional practices.

	Industry, Innovation & Infrastructure	✓ Thapar Sustainability Hackathon. ✓ Sustainability Sprint. ✓ Engineering projects addressing sustainability challenges. ✓ Development of innovative sustainability solutions. ✓ Sustainable campus infrastructure development.
	Reduced Inequalities	✓ Inclusive participation in sustainability programmes. ✓ Outreach activities involving diverse stakeholder groups. ✓ Equal opportunities to participate in campus initiatives. ✓ Promotion of an inclusive sustainability culture.
	Sustainable Cities & Communities	✓ Development and maintenance of green campus spaces. ✓ Walking and cycling infrastructure. ✓ Use of electric golf carts for sustainable mobility. ✓ Tree plantation and green-space development. ✓ Biodiversity conservation initiatives. ✓ Protection and enhancement of campus vegetation.

	Responsible Consumption & Production	✓ Waste segregation at source. ✓ Promotion of Reduce–Reuse–Recycle practices. ✓ Reduction of single-use plastics. ✓ Responsible consumption of campus resources. ✓ Resource conservation and waste minimization initiatives.
	Climate Action	✓ Energy conservation and efficiency measures. ✓ Promotion of low-carbon mobility. ✓ Tree plantation and carbon sequestration initiatives. ✓ Climate and sustainability awareness programmes. ✓ Promotion of climate-conscious lifestyles.
	Life Below Water	✓ Water conservation initiatives. ✓ Environmental awareness programmes. ✓ Measures to reduce pollution. ✓ Responsible management of water resources. ✓ Promotion of practices that protect aquatic ecosystems.

	Life on Land	✓ Tree plantation drives across the campus. ✓ Plantation of 80+ saplings. ✓ Development and enhancement of green spaces. ✓ Conservation of campus biodiversity. ✓ Protection and maintenance of existing vegetation.
	Peace, Justice & Strong Institutions	✓ Dedicated institutional sustainability leadership. ✓ Sustainability planning and coordination. ✓ Participation of academic and non-academic units. ✓ Development of responsible institutional practices. ✓ Systematic monitoring and documentation of sustainability activities.
	Partnerships for the Goals	✓ Collaboration among students, faculty, and staff. ✓ Coordination with academic and non-academic units. ✓ Engagement with horticulture and technical teams. ✓ Collaboration with external stakeholders. ✓ Community engagement and partnership-based sustainability initiatives.

TIET's sustainability journey is reflected through a diverse range of campus-wide initiatives, including:

Tree Plantation and Biodiversity Conservation

TIET promotes tree plantation and biodiversity conservation to strengthen its green campus and create a healthier environment. Plantation drives involving students, faculty, and staff contribute to increasing green cover, supporting local biodiversity, improving air quality, and enhancing the campus landscape. Protecting existing trees and nurturing newly planted saplings are equally important to ensure a greener and more resilient TIET for future generations.



Sustainability Awareness Campaigns

TIET conducts sustainability awareness campaigns, lectures, workshops, and interactive activities to encourage students, faculty, and staff to understand and adopt responsible environmental practices. These initiatives focus on energy conservation, sustainable lifestyles, green spaces, waste reduction, and the Sustainable Development Goals (SDGs), encouraging the TIET community to turn awareness into everyday action. Through continued engagement and participation, the Institute aims to build a culture of sustainability across the campus.



Energy Conservation Initiatives



- ✚ **Energy-Efficient Lighting:** Progressive replacement of conventional lighting with LED lighting systems across academic buildings, hostels, offices, and campus facilities to reduce electricity consumption.
- ✚ **Regular Energy Audits:** Conducting periodic energy audits and implementing an Energy Management Plan to identify opportunities for improving energy efficiency and optimizing electricity use.
- ✚ **Renewable Energy Integration:** Expanding the use of solar photovoltaic systems on campus buildings and exploring other renewable energy sources such as biomass to meet a larger share of campus energy demand.
- ✚ **Energy-Efficient Infrastructure:** Incorporating smart electric meters, LED lighting, sensor-based controls, and energy-efficient building technologies in campus infrastructure to minimize energy consumption.
- ✚ **Efficient Building Operations:** Promoting optimized HVAC (Heating, Ventilation, and Air Conditioning) operations and encouraging energy-efficient practices in classrooms, laboratories, offices, and hostels.
- ✚ **Low-Carbon Mobility:** Reducing fuel consumption and associated emissions by promoting walking, cycling, vehicle-free zones, weekly "No Vehicle Day," and electric rickshaws for internal campus transportation.

- ✚ **Electric Vehicle Infrastructure:** Installation of EV charging stations to encourage the adoption of electric vehicles and support sustainable transportation.
- ✚ **Carbon Sequestration:** Increasing campus green cover through large-scale tree plantation and nature park development, helping offset carbon emissions while improving the campus environment.
- ✚ **Energy Awareness Programmes:** Organizing energy conservation lectures, awareness campaigns, workshops, and behavioural change initiatives to encourage the campus community to adopt energy-efficient practices in daily life.

ti
THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

ENERGY CONSERVATION INITIATIVES AT TIET

7 AFFORDABLE AND CLEAN ENERGY 13 CLIMATE ACTION

POWERING A SUSTAINABLE AND LOW-CARBON CAMPUS

- 1. ENERGY-EFFICIENT LIGHTING**
USE LESS ENERGY. BUILD A BETTER FUTURE.
- 2. RENEWABLE ENERGY INTEGRATION**
HARNESS CLEAN ENERGY. POWER SUSTAINABLY.
- 3. ENERGY-EFFICIENT INFRASTRUCTURE**
SMART INFRASTRUCTURE. LOWER ENERGY USE.
- 4. EFFICIENT BUILDING OPERATIONS**
OPTIMIZE OPERATIONS. MAXIMIZE EFFICIENCY.
- 5. LOW-CARBON MOBILITY**
CHOOSE GREEN MOBILITY. REDUCE CARBON.
- 6. ELECTRIC VEHICLE INFRASTRUCTURE**
CHARGE GREEN. DRIVE CLEAN.
- 7. CARBON SEQUESTRATION**
MORE GREENERY. BETTER ENVIRONMENT.
- 8. ENERGY AWARENESS PROGRAMMES**
TOGETHER, WE MAKE A DIFFERENCE
SAVE ENERGY. SAVE FUTURE.
SAVE ENERGY. REDUCE COSTS. PROTECT PLANET. STRONGER TOGETHER.
SMALL STEPS TODAY. BIG IMPACT TOMORROW.

BE RESPONSIBLE. BE SUSTAINABLE. BE THE CHANGE.
ONE CAMPUS • ONE COMMUNITY • ONE SUSTAINABLE FUTURE

Water Stewardship and Wastewater Management

TIET promotes responsible water use through water conservation, efficient consumption, and awareness of water-saving practices across the campus. The Institute also focuses on responsible wastewater management to minimize environmental impact and support sustainable water resources. Every drop saved today contributes to a water-secure and sustainable TIET for the future.



Waste Segregation and Recycling

TIET promotes waste segregation at source and responsible waste management to reduce the environmental impact of campus activities. Students, faculty, and staff are encouraged to separate waste appropriately, minimize unnecessary consumption, and follow the principles of **Reduce, Reuse and Recycle**. These practices support resource recovery, cleaner campus surroundings, and the development of a **responsible and circular campus culture**.



Sustainability Hackathons and Poster Competitions

TIET provides students with platforms to think, design, experiment, and propose solutions to real sustainability challenges. Initiatives such as the Thapar Sustainability Hackathon and Sustainability Sprint encourage creativity, interdisciplinary collaboration, and practical problem-solving—turning student ideas into potential solutions for a more sustainable campus.

**Office of
Dean of Sustainability**

ti
THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

SUSTAINABILITY SPRINT 2026

ENGINEERING POSTER COMPETITION

Challenge for Innovative, Practical and Data-Driven
Engineering Solutions for Real-World Sustainability Issues



EVENT DETAILS

-  **Date:** 24 April 2026
-  **Format:** Poster Presentation
-  **Team Size:** 3-5 students
-  **Venue:** To be updated soon
-  **Registration Deadline:** 20 April 2026
-  <https://forms.gle/1iBQX224vhYERLzQ9>

REGISTRATION LINK:
<https://forms.gle/1iBQX224vhYERLzQ9>

THEMES INCLUDE:

-  Waste to Energy / Resource Recovery
-  Clean & Renewable Energy Systems
-  Water & Wastewater Engineering
-  Sustainable Materials & Construction
-  Smart Cities

Important Note:

Posters must include engineering analysis and quantified outcomes.

Presentation Format:

-  5-minute presentation
-  3-minute Q&A

Expert Lectures, Workshops, and Capacity Building

TIET conducts expert lectures, workshops, and interactive awareness programmes to build sustainability knowledge and practical skills across the campus community. Sessions on energy conservation, urban greenery, sustainable lifestyles, waste management, and the SDGs encourage students, faculty, and staff to move from awareness to informed action and become active contributors to a sustainable TIET.



Mission LiFE and SDG Promotion Activities

Mission LiFE (Lifestyle for Environment), launched by the Government of India, encourages individuals and institutions to adopt environmentally responsible lifestyles through simple, everyday actions.

At TIET, the principles of Mission LiFE are integrated into campus sustainability initiatives by promoting resource conservation, responsible consumption, waste reduction, energy efficiency, water conservation, and biodiversity protection. Through awareness campaigns, workshops, lectures, competitions, plantation drives, and community engagement programmes, TIET actively encourages students, faculty, and staff to contribute towards achieving the United Nations Sustainable Development Goals (SDGs) and building a sustainable future.

Resource	Description
 LiFEstyle for Environment – Brochure	An introduction to the Mission LiFE movement, explaining the importance of sustainable lifestyles and individual responsibility towards protecting the environment.
PARAMPARA – India's Culture of Climate-Friendly Sustainable Practices	Showcases India's traditional knowledge and indigenous practices that promote resource conservation, ecological balance, and sustainable living.
 Children Imagine Eco-friendly LiFEstyles	Inspiring ideas and creative perspectives from children on protecting nature and adopting environmentally conscious lifestyles.
 Prayaas Se Prabhaav Tak	Demonstrates how small individual efforts can collectively create significant positive environmental and social impacts.

 Thought for Planet	A collection of ideas, reflections, and practical actions that encourage environmental stewardship and responsible citizenship.
 Mindful Living Live Practice	Promotes conscious and responsible daily habits that minimize environmental impact while enhancing personal well-being.
 Thinking for Our Planet – 75 Ideas to Promote LiFE	A compilation of 75 simple, practical, and impactful actions that individuals, institutions, and communities can adopt to promote sustainable living.
 Low Carbon Lifestyles – Right Choices for Our Planet	Provides practical guidance on reducing carbon emissions through sustainable choices related to energy, transportation, food, water, and consumption.

BSIS Certification and Institutional Sustainability Recognition

TIET has been awarded the **Business School Impact System (BSIS) Certification** by **EFMD Global** and **FNEGE** for both **TIET Patiala** and the **LM Thapar School of Management**. This prestigious international recognition acknowledges the Institute's significant impact on society through excellence in education, research, innovation, governance, sustainability, and community engagement. The certification reflects TIET's commitment to responsible institutional practices, sustainable development, and creating long-term value for society.



Green Mobility and Healthy Campus Initiative

TIET promotes walking, cycling, and electric mobility to reduce emissions, improve health, and create a cleaner campus. Electric golf carts provide convenient low-carbon transportation for students, faculty, and staff, while dedicated cycling and walking tracks encourage active and sustainable movement across the campus.

ti
THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

GREEN MOBILITY & HEALTHY CAMPUS INITIATIVES

Sustainable Transport. Healthy You. Greener Tomorrow.

7 AFFORDABLE AND CLEAN ENERGY
13 CLIMATE ACTION

Building a Sustainable Campus for a Better Tomorrow

CYCLING TRACK
Dedicated cycling track to encourage sustainable commuting and a healthy lifestyle.

ELECTRIC GOLF CART
Eco-friendly shuttle service for students, faculty and staff within campus.

WALKING TRACK
Separate walking track to promote walk-to-class culture and reduce carbon emissions.

LOWER EMISSIONS
Reduces carbon footprint and air pollution.

HEALTHY LIFESTYLE
Promotes physical activity and overall well-being.

ENERGY EFFICIENT
Use of electric vehicles saves energy.

COMMUNITY BENEFIT
Safe, convenient and inclusive mobility for everyone.

*Choose Green.
Choose Health.
Choose TIET.*

Small Choices, Big Impact – Together for a Greener TIET

Leadership

Leadership • Responsibility • Action • Impact

[Prof. Padmakumar Nair](#)

Vice Chancellor



[Prof. Ajay Batish](#)

Pro-Vice Chancellor



[Prof. Rafat Siddique](#)

Dean Sustainability and Impact



[Dr. Gurbinder Singh](#)

Registrar



[Dr. Ashutosh Kumar Singh](#)

Associate Dean of Impact



[Dr. Hari Shankar Singh](#)

Associate Dean of Sustainability



[Dr. Gagandeep Bhardwaj](#)

Associate Dean of Impact



[Dr. Dhamodharan K.](#)

Assistant Dean of Sustainability

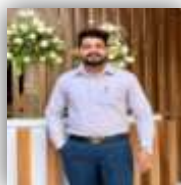


[Dr. Manpreet Singh](#)

Assistant Dean of Sustainability



Office Support Staff



[Mr. Kuldeep Kumar](#)

Associate



[Mr. Satish Kumar](#)

Helper

Conclusion

TIET's sustainability journey is built on a simple principle: a sustainable campus is created through collective responsibility and everyday action. By aligning institutional vision and commitments with the Sustainable Development Goals (SDGs), TIET seeks to integrate sustainability into campus life, education, research, operations, and community engagement.

The initiatives demonstrate that sustainability is not the responsibility of one office or one group—it is a shared responsibility of every student, faculty member, and staff member. From conserving energy and water to reducing waste, protecting biodiversity, choosing sustainable mobility, and participating in campus initiatives, every action contributes to a larger positive impact.

The next step is to transform awareness into sustainable habits. Small choices, when repeated by thousands of members of the TIET community, can create measurable and lasting change.



Contact

For feedback, partnerships, or further information, please feel free to contact us at

adean.sustainability1@thapar.edu

dean.sustainability@thapar.edu

Address:

P.O. Box 32, Bhadson Road, Patiala, Punjab, Pin -147004, India

Phone: +91-8090143992

Website: www.thapar.edu



www.thapar.edu