



Evidence(s) THE-Impact Ranking



Institute : Trident Academy Of Technology
Country : India
Web Address : <https://tat.ac.in/>

SDG11: SUSTAINABLE CITIES & COMMUNITIES

11.4 Sustainable Practices

11.4.1 Sustainable practices targets

Trident Academy of Technology (TAT) is dedicated to sustainable practices as part of its commitment to environmental stewardship and social responsibility. The institution has set several key sustainability targets to ensure eco-friendly operations and promote a greener future. These targets include:

1. Energy Efficiency and Renewable Energy

TAT aims to reduce energy consumption by integrating energy-efficient systems in its buildings, such as LED lighting and energy-saving appliances. The academy is also working toward increasing the use of renewable energy sources, including solar power, to decrease its reliance on conventional energy.



Image – LED lighting and solar energy installation

2. Water Conservation

Water conservation is a key priority for TAT. The campus has implemented rainwater harvesting systems and encourages the efficient use of water through low-flow fixtures and water recycling initiatives. These efforts are designed to reduce water waste and promote responsible water usage.



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3. Waste Management and Recycling

TAT has set a goal to minimize waste production through recycling programs and waste segregation. The campus encourages students and staff to participate in recycling paper, plastic, and e-waste. Additionally, TAT is focused on reducing single-use plastics across its premises.



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Image- Waste water treatment thru STP and Garbage disposal machine

4. Green Campus and Biodiversity

The academy is committed to maintaining a green campus with abundant vegetation, promoting biodiversity through the preservation of local flora and fauna. TAT incorporates sustainable landscaping practices and maintains green zones to enhance the ecological balance of the campus.





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5. Sustainable Transportation

To reduce carbon emissions, TAT promotes sustainable transportation methods, such as carpooling, cycling, and walking. The campus is designed to be pedestrian-friendly, and efforts are made to reduce the carbon footprint of transportation within the campus. All vehicles are of Electric.



6. Environmental Education and Awareness

TAT strives to integrate sustainability into its curriculum and co-curricular activities, educating students about the importance of sustainable practices. Workshops, seminars, and campaigns are organized to raise awareness about environmental challenges and sustainable solutions.

7. Reduction of Carbon Footprint

TAT is working to minimize its overall carbon footprint by adopting greener technologies and practices in construction, energy use, and waste management. The academy aims to be a low-carbon campus, contributing to global efforts to combat climate change.

These sustainability targets reflect TAT's vision of being an environmentally conscious institution that not only adopts green practices but also educates and empowers students to be advocates for sustainability in their future careers and communities.



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Link – <https://tat.ac.in/wp-content/uploads/2024/11/energy-conservation-pledge.pdf> Link-
<https://tat.ac.in/wp-content/uploads/2024/11/sustainable-policy.pdf>