



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

11.4.2 Promote sustainable commuting

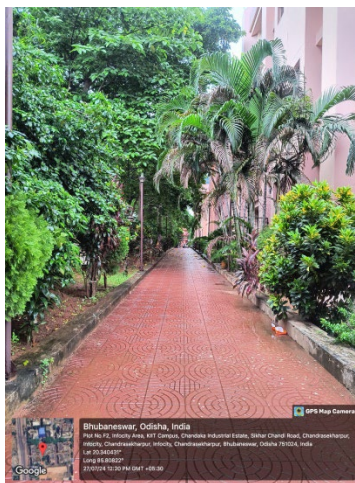
Trident Academy of Technology (TAT) actively promotes sustainable commuting as part of its broader commitment to environmental sustainability. By encouraging eco-friendly transportation options, the institution aims to reduce carbon emissions and foster a greener campus environment. Here are the key initiatives TAT has implemented to promote sustainable commuting:

1. Carpooling Initiatives

TAT encourages carpooling among students and staff to reduce the number of vehicles on the road, lowering fuel consumption and emissions. The campus facilitates carpooling through designated ride-sharing apps and coordination platforms, making it easier for individuals to connect and commute together.

2. Cycling Facilities

The academy provides cycling infrastructure, including dedicated bike lanes and parking spaces, to encourage the use of bicycles. This eco-friendly transportation method not only reduces pollution but also promotes health and well-being. Cycling events and awareness campaigns are regularly organized to boost participation.





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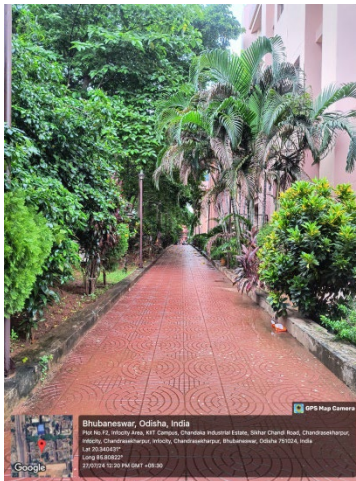
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3. Public Transport Promotion

TAT collaborates with local public transport authorities to provide accessible and affordable options for commuting. The campus is well-connected by public buses, and TAT offers information on routes and schedules to encourage students and staff to use public transportation instead of personal vehicles.

4. Pedestrian-Friendly Campus

The design of TAT's campus prioritizes walkability, with safe and well-maintained pedestrian pathways. This encourages students and faculty to walk within the campus, reducing the reliance on vehicles for short distances and promoting a healthier lifestyle.



5. Electric Vehicle (EV) Adoption

To support the transition to electric vehicles, TAT is working toward installing EV charging stations on campus. This initiative will encourage the use of electric cars and bikes, contributing to a reduction in carbon emissions from fossil-fuel-powered vehicles.



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6. Awareness Campaigns

Regular campaigns are held to raise awareness about the environmental and health benefits of sustainable commuting. Workshops, seminars, and events focus on educating the campus community about the impact of carbon emissions and the importance of adopting greener commuting practices.



Through these efforts, Trident Academy of Technology is not only reducing its environmental footprint but also fostering a culture of sustainability among its students and staff. By promoting sustainable commuting options, TAT is playing a key role in driving environmentally responsible behavior within its community.

<https://tat.ac.in/best-practices/isr/>



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Figure 02: Parking area for Buses, Cars, Two wheelers and Staff bicycles

In addition to bus service, the Institute also provide the following communication facilities on the campus.:

- [1] The campus provides bicycles to staff members, including security guards and gardeners, to discourage the use of private vehicles.
- [2] Battery-operated electric bicycles are promoted across the campus, and many staff members and students actively use them.
- [3] Some staff members have opted for electric bikes for campus transportation.
- [4] An electric vehicle is available for free transportation services to staff and others on campus.
- [5] The Institute has implemented an energy use policy, demonstrating its commitment to creating a zero-emission campus.
- [6] The Institute also upholds an energy conservation pledge, emphasizing the goal of achieving zero emissions.

Average Number of Zero Emission Vehicles (e.g. bicycles, snowboard, electric car, etc.) on campus per day: 60 (sixty)

Total Number of Zero Emission Vehicles (ZEV) Divided by Total Campus Population

$$58/1800 = 0.03$$

Total Ground Parking Area (m²): 8350 m²

Description:

1. Parking area for Buses and cars
2. Parking area for cars and two wheelers
3. A map of university campus showing parking area



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4. Parking area for cars and two wheelers

Total main campus area: 44515.4 m²

Total Parking Area = 650 m²

Ratio = 1.46 %