

Overall strategy and commitment to alleviating climate change

Climate change is one of the biggest challenges facing our world today. Global collaborations and partnerships, along with local actions, will play a crucial role in the development of innovative, interdisciplinary and disruptive approach to address the various aspects of climate change and sustainability.

- **Thapar Institute of Engineering and Technology (TIET)** is one of the premier institutes in the region and is strongly committed to alleviate the impacts of climate change, which is one of the global pressing issues. TIET has entered into an MoU with the Confederation of Indian Industry (CII) in June, 2020 to foster industrial exposure to the students of PG programs and to provide advisory and training services to the industry to help them formulate, improve and execute their climate action plans, as well as energy and environmental audits. TIET envisions to effectively disseminate multi-disciplinary knowledge in the area of Energy Management and Climate Actions, which are the two pillars of sustainable and competitive economy.
- With the objective of competence development in climate actions and to create world class leaders in the domain, a one-year online “Advanced Post Graduate Professional Certificate Program in Energy Management and Climate Action” has been designed and run in collaboration with CII. This program is specially designed to build skilled professionals in this domain for both industry professionals and fresh graduates.
- The aforementioned joint program has been well appreciated by the senior and top management participants from industry. The objective of this program is to develop competent professionals who would play a pivotal role in meeting country’s expectations in resource efficiency and climate action.
- As another proactive measure, TIET has been working closely with the Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness, and business opportunities for industry through a range of specialized services and strategic global links. It also provides a platform for consensus-building and networking on key issues like climate action.
- As an initiative on local action to address climate change, TIET has been actively advocating the electrification of transportation in the institute campus.
- As an initiative on local action, the conventional lighting systems on the street lights and corridors of the institute have been LED based lighting systems as a step towards energy conservation.

Moreover, TIET intends to install roof top solar power plant to reduce the dependence on conventional energy and a step towards achieving net zero carbon footprint on this.