

Facilities galore at TIET Fuel your journey to success with state-of-the-art facilities

Home to the latest equipment, tools, devices and research laboratories that are custom-designed for research projects in chemical engineering, CHED is well-recognized for its upbeat technological facilities. The provision of 10 U.G./PG laboratories (Mass Transfer, Chemical Reaction Engineering, Process Dynamics and Control, Biochemical Engineering, Fluid and Particle Mechanics, Energy Technology, Industrial Pollution Abatement, Modelling and Simulation; Heat Transfer; Water Resource laboratory), 2 research labs and 3 instrument rooms further give access to unbound experiential knowledge and technical know-how:

- Thermo Gravimetric Analyzer (TGA)
- High Volume Sampler
- Biodegradability Study Set-up
- Monomode Microwave Reactor
- Autoclave Reactors
- Thermal Conductivity Meter
- Adsorption Study Set-up (Temperature Swing and Pressure Swing)
- Gas Chromatograph (GC)
- High Shear Homogenizers
- TOC Analyzer
- UV-Visible Spectrophotometer
- Photoreactors (UV & Visible Chamber)
- Rheometer
- Digital Refractometer
- Universal Testing Machine
- Paper Making Equipment
- Ultra-sonication Baths and Probes
- Polymer Press
- Vacuum Assisted Resin Infusion Molding (VARIM)
- Bioreactor
- Brookfield Viscometer
- Electrochemical workstation
- High-performance liquid chromatography
- BET surface area analyzer