

Event Co-ordinator

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Dept. of Energy & Environment

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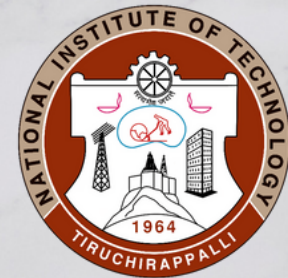
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About NIT Tiruchirappalli

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli is situated in the heart of Tamil Nadu on the banks of river Cauvery. NIT Trichy is consistently ranked among the best institutes in the country. Since its inception in 1964, it has established itself as a premier institute imparting quality technical education and engaged in Research and Development in different fields. The institute offers 10 UG & 31 PG programs in Science, Engineering, Technology, Management, and Architecture, besides M.S. (by Research) and Ph.D. in all the departments. NIT Trichy is located about 22 km from the Central Bus stand, Trichy on the Trichy-Thanjavur Highway.

One Week Self-sponsored
High-end Workshop on

Sophisticated
Analytical &
Testing
Instruments



**19th - 23rd December 2022
(Hybrid mode)**

Organized by:

Dept. of Energy & Environment
National Institute of Technology
Tiruchirappalli

About the Department

DEE (formerly CEESAT) was established in 1995 under the UK- India REC project. M.Tech. (Energy Engg.), an interdisciplinary full-time program has been offered since 1996.

The areas of research and development activities of DEE include CO₂ capture & sequestration, thermal management of batteries, flow batteries, energy system modeling, wind energy, Solar PV/Thermal systems, energy-efficient building and energy storage devices, high-value algal products, thermo-chemical conversion of biomass, micro/smart grids, and phase change materials, etc.

Apart from research, the department offers consultancy services on solid and liquid testing, calibration, and energy auditing to other academic institutes and industries. The testing labs of the DEE are certified with ISO 9001:2008.

The department of energy and environment is equipped with the required instruments for carrying out energy audits in Process industries, Hospitals & Power sectors. The department is committed to converting its research into a real-time technology transfer to the society and industry where it meets its ultimate objective.

Registration Details

- Target Participants: Students, research scholars, academician, scientists, industrial personnel, and other interested persons
- Important Dates:
Last Date for registration : 14th Dec 2022
Confirmation of participation: 15th Dec 2022

Maximum no. of Participants: 30

REGISTRATION LINK

<https://forms.gle/gGB6tG1npAdBBvRf6>

Payment Details

Category	Student/Scholar	Faculty	Working professional
Single	₹2,000/-	₹3,500/-	₹5,000/-
Group of 3	₹5,400/-	₹9,400/-	₹13,500/-
Group of 5	₹8,000/-	₹14,000/-	₹20,000/-
Group of 10	₹14,000/-	₹24,500/-	₹35,000/-

ACCOUNT DETAILS

- Account name: NIT Trichy
- Account no.: 38322028974
- IFSC code : SBIN0001617

About Workshop

Objectives:

- Theoretical background and familiarization with the sophisticated testing and analytical instruments.
- Hands-on training on sample preparation for testing in the analytical instruments.
- Exposure to handling, troubleshooting, and first-step maintenance of the analytical and testing instruments.
- Data analysis and interpretation of results obtained from the testing.

Sessions from skilled experts:

- PerkinElmer: DSC, FT-IR, NIR, TGA, TGIR, CHNO Analyzer
- DEE: Energy Audit & Calibration Session
- Tech Science & Global: ECM/Solar Simulator, Bomb Calorimeter
- Metrohm: Moisture Analyzer/Ion Chromatography

Note:

Participants physically attending the workshop can avail on-campus accommodation on a paid basis, subject to availability, and first-come-first-serve basis