Event Co-ordinator

**Dr. M Premalatha**
Professor
Dept. of Energy & Environment

**Dr. Ruben Sudhakar D**
Associate Professor & Head
Dept. of Energy & Environment

Organizing Committee

**Mr. V. Muthya Goud**
Ph.D. Research Scholar,
Dept. of Energy & Environment
Mobile: 8897415527

**Mr. Falgun Raval**
Ph.D. Research Scholar,
Dept. of Energy & Environment
Mobile: 9722920459

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

23rd - 27th January 2023 (Hybrid mode)

Organized by:
Dept. of Energy & Environment
National Institute of Technology Tiruchirappalli

Contact Us

Tel. : +91 431 250 3135
E-mail : ceesat.events@gmail.com
**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: 20th Jan 2023
  - Confirmation of participation: 21st Jan 2023

**Maximum no. of Participants:** 30

**REGISTRATION LINK**
[https://forms.gle/gGB6tG1npAdBBvRf6](https://forms.gle/gGB6tG1npAdBBvRf6)

**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

**Payment Details**

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**PAYMENT DETAILS**
[https://www.onlinesbi.sbi/sbicollect/icollecthome.htm](https://www.onlinesbi.sbi/sbicollect/icollecthome.htm)

Sbi collect---->Tamilnadu---->Educational Institutions---->Conference and workshop NIT Trichy---->DEERSD SATI-2022

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