

About NITT

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering to the needs of man – power in technology for the country. Status with the approval of the institution was granted Deemed University Status with the approval of the UGC/AICTE and Govt. of India in the year 2003 and renamed as National Institute of Technology.

About DEE

CEESAT was established in 1995 under the UK India REC project and transformed to DEE in 2014. M.tech (Energy Eng.) an interdisciplinary full time course is offered since 1996 onwards. The research activities of DEE include in the fields of CO₂ sequestration using microalgae, effluent treatment using solar energy / phycoremediation, energy modeling, wind energy, Solar PV/ Thermal systems, energy efficient building and energy storage devices. Apart from research, the department offers consultancy services which includes 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 is equipped with the required instruments for carrying out the energy audits in Process industries, Hospitals & Power sectors. The department is committed to convert its research into a real time technology transfer to the society and industry where it meets out its ultimate objective.

Application Form

Name : Ms./Mr./Dr.

Designation :

Date of birth & Age :

Email :

Mobile No :

Accommodation required : Yes / No

Official Mailing Address :

Are you appearing for Energy Auditor Exam 2017: Yes /No

Date:

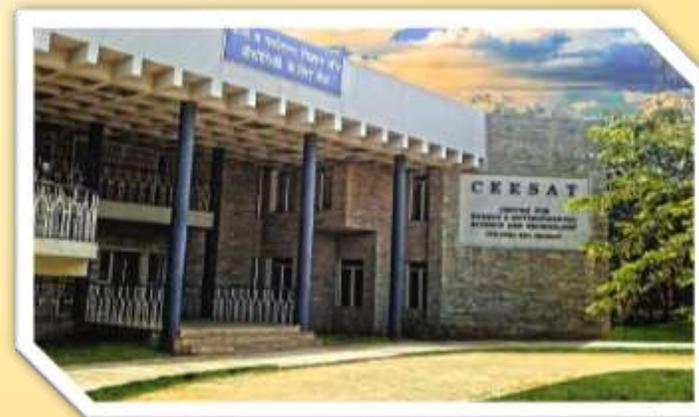
Signature:



One Week Self-Sponsored
Program on

ENERGY MANAGEMENT AND ENERGY AUDIT

4th - 8th September, 2017



Department of Energy & Environment (DEE)
National Institute of Technology
Tiruchirappalli-620015

Objectives:

- Assessing the present pattern of energy consumption
- Identifying the potential area for improvements on thermal and electrical utilities
- Implementing the measures of energy conservation
- Enable the participant to carry out energy auditing in a systematic manner.

Contents:

- General aspects of Energy Management and Energy Audit
- Energy Efficiency in Thermal and Electrical Utilities
- Energy Performance Assessment for Equipment and Utility System
- Hands on Training: Energy Auditing instruments like lux meter, Anemometer, thermal imaging camera, power quality analyzer to measure light, temperature, humidity, velocity and electrical parameters.
- Evaluation of Participant

In this program participant will learn about

1. Technology for Energy Efficiency
2. Decision on Energy Source
3. Monitoring of Energy Use
4. Conducting an Energy Audit
5. Aligning Operational Strategy with Energy Efficiency
6. Minimizing Energy Wastage

Target Participants:

Industrial personnel, officials in corporation planning and maintenance, Academician, Scientists, Students and Research scholar, NGO and Interested persons.

Important Dates:

Last Date of Registration : 21st August 2017

Conformation for participants : 24th August 2017

Number of external participants : 40

(Selection will be based on first cum first serve basis and experience)

How to Apply:

Applicants are requested to send the soft copy of the filled in registration form by email (ceesat.events@gmail.com).

Course Fee- Participants from academic institutions = **Rs.2500 /- +18% Service tax**
Participants from industries = **Rs 5000 /- + 18% Service tax**

The Demand draft should be drawn in favor of “**The Director, NIT Trichy**” payable at SBI NIT Trichy. The course fee (DD) can be send along with the application form.

Accommodation will be arranged inside campus on first cum first serve basis and on availability. Lunch and tea will be provided.

Worksheets / soft copy of learning materials will be provided.

Exam will be conducted and certificates will be issued at the end of the program.

Co-ordinator:

Dr.M.Premalatha

Organizing Committee:

Mr.Vivekanandhan

Mr.Amol Monde Balu

Mr.P.Dhamodharan

Contact details:

Mr. P.Dhamodharan - Mob: 9789116357

Mr. Vivekanandhan - Mob: 9842483034

Experts	Topic of Lecture
General Aspects of Energy Management and Energy Audit	
Dr. V. Gopalakrishnan ED (Retired), BHEL	Boiler Maintenance and Project Management
Mr.Kannan, AMSET Energy, Chennai.	Energy Scenario, Energy Conservation ACT, Energy Action Planning, Energy Monitoring and Targeting
Energy Efficiency in Thermal Utilities	
Dr. A.K. Bakthavatsalam., Professor and Head (T&P), NIT,Trichy.	Fuels and combustion Furnaces
Dr.M.Premalatha, HoD, DEE/ NIT, Trichy.	Insulation and refractories Climate Change, New and Renewable energy sources
Mr.Vivekanandan, CEO,TRYCAE Industrial Engg, Trichy	Boiler, Steam system, FBC Boilers Heat Exchanger
Mr.Vijayaraju K Deputy Director National Productivity Council, Chennai	Energy conservation in cement industries, Energy Audit and Management in Power plants.
Energy Efficiency in Electrical Utilities	
Mr.Govindaraj, ECO Energime Engineers.	Electrical system and motor Lighting system
Mr. Anantharaman, GM Fans (Retd.), BHEL, Trichy.	Compressed Air System Fans & Blower Pumps & Pumping system
Mr. Manivannan, Asst.Manager, L&T.	Energy conservation in buildings HVAC and Refrigeration and cooling Tower Diesel generating system