

# About DEE

(Dept. of Energy and Environment)

Centre for Energy and Environmental Science and Technology (CEESAT) was established in 1995 under UK - India REC project and transformed to DEE in 2014. M.Tech. (Energy Engineering), an interdisciplinary full time programme is offered since 1996. The research activities in DEE include the fields of CO<sub>2</sub> sequestration using microalgae, effluent treatment using solar energy /phyco-remediation, energy system modelling, wind energy, Solar PV/ Thermal systems, energy efficient building, energy storage devices and CFD. Apart from research, the department offers consultancy services, which include solid and liquid testing, calibration and energy auditing to industries and other academic institutes. The testing labs of the DEE are certified with ISO 9001: 2008 and houses a NABL accredited (ISO:IEC 17025:2005) calibration facility for electrical, thermal and pressure instruments. The department is committed to convert its research outcomes into a real time technology transfer to the society and industry where it meets out its ultimate objective.

# Events

## Technical

- **Battle for Energy:** Get up, gear up and speak up your mind in this debate for the future.
- **Grey Matter:** Roll out your thoughts and quiz your way out.
- **Paperix:** Pen down your ideas for a better and brighter future.
- **Posterpro:** Swirl your hands and seize our minds with an innovative poster.
- **Just A Minute:** Don't stop! Because time is of the essence.

## Informals

- **Scavenger Hunt:** Lead your group around the best known landmarks to complete challenges, solve riddles and test your knowledge of trivia.
- **Art from e-waste:** One man's waste is another man's treasure.

## Online Events

- **Snap It**
- **Short Film**
- **Online Poster/Collage**

# Workshops

## "Computational Fluid Dynamics"

Hands-on training in CFD with ANSYS Fluent by Mr M. Vivekanandan  
CEO, TryCAE Industrial Engineering Pvt. Ltd.  
Tiruchirappalli.

Registration fee: *INR 1000 per head.*  
(lunch included)

## Guest Lectures

"**Electrochemical Energy Storage**"  
by Dr. C. Nithya (DST Women Scientist)

"**Electric Vehicles**"  
by Vishnu Prakash. P

Registration fee: *INR 200 per head.*

## About ENERGAIA

The National level technical symposium organized by DEE, NIT Trichy, has been spreading the message of energy and its importance since 2008.

It provides a practical insight into the recent developments and endeavours in the field of energy. The foundation of this event emphasizes on innovations and modern sustainable trends in the domain of Energy Engineering and discuss on the betterment of environment. The program includes valuable lectures from eminent personalities in energy discipline, skill development through hands-on sessions, and events that will invoke and catalyse positive changes in the bright minds. Our attendees include students, educators and industrialists from various parts of the country.

## Important dates

- Last date for online registration: 15/03/19
- Last date for document submission: 15/03/19
- Last date for registering for Accommodation: 17/03/19

NOTE: Accommodation can be provided on a nominal payment, subject to availability.

## Registration Fee

- INR 200 per head for Students.
  - INR 300 per head for Others.
- SPOT REGISTRATION:
- INR 250 per head for Students.
  - INR 350 per head for Others.

## Register at

[www.energaia2k19.nitt.edu](http://www.energaia2k19.nitt.edu)  
[www.facebook.com/energaia19](http://www.facebook.com/energaia19)

## Contact

Mail: [energaia2k19@gmail.com](mailto:energaia2k19@gmail.com)  
Call: Ajay Kumar - 8105947509  
Keerthana J - 9003432871  
Tamilselvan - 9566972899  
Sagar Debata - 7008229239

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI



**DEPARTMENT OF  
ENERGY AND ENVIRONMENT**

*presents*



**ENERGAIA 2K19**

**THE BRIGHT ALTERNATIVE**

**21<sup>st</sup> to 23<sup>rd</sup> March, 2019**

**Staff Coordinator**

**Dr. D. Ruben Sudhakar**