

TEQIP – II SPONSORED

THREE DAYS
WORKSHOP ON

FUTURE PERSPECTIVES ON CLEAN ENERGY AND CLEAN WATER

16 – 18 FEBRUARY 2017

COURSE COORDINATORS

DR. N.SAMSUDEEN
DR. T.K.RADHAKRISHNAN



ORGANIZED BY

DEPARTMENT OF CHEMICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015

ABOUT NIT-TIRUCHIRAPPALLI

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 manpower in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development.

THE DEPARTMENT

Established in 1968, the Department of Chemical Engineering, NIT, Trichy is regarded as one of the premier centers for chemical engineering in India by industries as well as academia. The department is backed by highly qualified and experienced faculty



THE PROGRAMME

Chemical engineering discipline has been evolving continuously over the years both in depth as well as in breadth. The beauty of this discipline lies in its ability to be versatile and its adaptability to various interdisciplinary areas. Keeping the challenges ahead of a chemical engineer in mind the programme has been framed. The objectives of the course are to understand and develop the new methods to treat the industrial wastewater economically and in a ecofriendly manner. Various treatment methods such as Electrochemical, membrane and microbial fuel cell will be discussed.

CONTENT OF THE COURSE

- Overview of clean water and clean energy technologies.
- Bioenergy and bioremediation
- Fuel Cell Technologies, Energy generation from wastewater using MFC and MEC
- Biomass/ Biofuel from wastewater
- Biosorption for heavy removal of metal ions
- Materials and membrane in waste/ Wastewater treatment
- Solar energy
- Electrochemical treatment, Sonolysis with Advanced Oxidation Process
- Process control and dynamics for wastewater treatment plant.

COURSE FACULTY

The course faculty include faculty from NITs, Universities, and experts from research institute and Industry.

ELIGIBILITY

The teachers of engineering/science colleges, research scholars, M.Tech. and practicing engineers are eligible to attend. All participants will be provided with the working lunch only. Free accommodation, breakfast and dinner will be provided NITT hostel / guest house (if available) for outstation participants. No TA/DA will be given.

The registration is limited to 35 on first come first serve basis.

HOW TO GET TO NIT-TRICHY

NIT- Tiruchirappalli is located about 22 km from Tiruchirappalli Junction / Central Busstand on the Tiruchirappalli -Thanjavur Highway. The simplest and economical way to reach NITT is by bus. Board Thanjavur bound route bus and get down at NITT. The journey time from Tiruchirappalli will be around 45 minutes.



REGISTRATION FEE

Participants from Academic/ Industry/ R & D Institute - **Rs. 330/-**

The registration fee must be paid by a cheque/DD in favour of "The Director, NIT, Tiruchirappalli - 620015" and payable at SBI, NIT, Tiruchirappalli.

IMPORTANT DATES

Last date for receiving application :
10.02.2017

Intimation of selection (By email only) :
11.02.2017

ADDRESS FOR CORRESPONDENCE

Dr. N.SAMSUDEEN
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REGISTRATION FORM

TEQIP-II
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1. Name :
 2. Qualification :
 3. Designation :
 4. Sex : M / F
 5. Department :
 6. Organization:
 7. Mailing Address :
8. Accommodation
Required : Y/N
 9. Details of Registration Fee

Amount: Cheque/DD No.:

Date:

Bank Name & Place:

Signature of Applicant

Send the duly filled-in form by email to
samsudeen@nitt.edu