

ADDRESS FOR CORRESPONDENCE

Dr. K. MUTHUKUMAR

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Workshop coordinators – WORKSHOP on
BIOENERGY, BIOFUELS and BIOREFINING
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Note: Please E-mail the registration form as well as send hard copy.



HOW TO GET TO NIT-TRICHY

NIT- Tiruchirappalli is located about 22 km from Tiruchirappalli Junction / Central Bus stand 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.

WHO SHOULD ATTEND

This workshop will be of particular interest to faculty members and research scholars involved in bioenergy, biofuel and platform chemicals production, feedstock improvement and bioelectricity generation. The process and project engineers employed in chemical and petrochemical industries can also attend this workshop. The number of participants will be restricted to 50.

REGISTRATION

Application for participation in the workshop shall be sent to the Coordinator as per the given format along with proof of registration fee. The details of registration fees inclusive of GST is as follows:

Participants from Academia/Industry : **Rs. 3000 /-**
Research Scholars and Students : **Rs. 2500/-**

Payment of registration fee can be made through SBI-i collect (Tamil Nadu-> Educational Institutions -> Conference & Workshop NITT -> Workshop - Bio Energy and Bio Fuels (CHL DEPT)

BOARDING AND LODGING

Boarding and lodging facilities will be provided on payment basis to the selected participants in the Hostel/Guest house (as per Institute norms) at NIT Tiruchirappalli based on the availability. Accommodation will be on twin sharing basis. Local Participants will not be provided accommodation.

IMPORTANT DATES

Last date for submission of applications : **20-05-2019**
Intimation of selection : **24-05-2019**
Confirmation of participation : **27-05-2019**

ONE WEEK WORKSHOP ON BIOENERGY, BIOFUELS AND BIOREFINING (Self-Supported)

10 - 15 JUNE 2019

COURSE COORDINATORS

Dr. K. MUTHUKUMAR

Dr. A. ARUNAGIRI

Dr. N. SAMSUDEEN



ORGANIZED BY

DEPARTMENT OF CHEMICAL ENGINEERING

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI - 620 015

BACKGROUND

The fossil fuel resources are finite and not environmental benign. Hence, the development of bio-based energy resources is inevitable. Globally, intense research is being currently pursued on production of biofuels, bioelectricity and platform chemicals from biomass. In India, bio-resources are available from agricultural sector, food processing industries and process industries. The effective utilization of these resources is essential for sustainable development. The main aspects need to be focused include identification of suitable feedstock, production methods, cost reduction, scale-up, and process intensification. This workshop aims to address all these issues and in addition, chemistry, thermodynamic and modeling aspects of biorefinery.

CONTENT

This workshop aims to bring the researchers and scholars working on biorefinery engineering to impart advanced knowledge and will cover the following core areas.

- Feedstock assessment for liquid fuel production
- Bioethanol and Biodiesel production
- ABE Fermentation
- Utilization of biofuels in engines
- Biohydrogen production
- Bio electrochemical Systems
- Production of platform chemicals through chemical and biochemical route.
- Biorefinery separations
- Bioenergy policy
- Bioenergy from waste

ABOUT THE DEPARTMENT

NIT Tiruchirappalli was setup in 1964 in rural surroundings with a view to develop the local environments. NITT ranked top among NITs and is in top 250 of QS Asia University rankings. The Department of Chemical Engineering at NITT was established in 1968 and is regarded as one of the premier institute for Chemical Engineering in India by industries and academia. It offers B. Tech programme in Chemical Engineering, M. Tech programmes in Chemical Engineering and Process Control & Instrumentation and Doctoral programme. The department is backed by highly qualified and experienced faculty members and are involved in teaching and research with a main focus on energy and environmental engineering, control systems and separations. The department is equipped with several state-of-art laboratories, computing facilities and analytical facilities.



COURSE INFO

Dates 10th to 15th June, 2019
Duration One Week
Location National Institute of Technology, Trichy

RESOURCE PERSONS

Sessions will be handled by Experts from Industries, IITs, NITs, and R&D organizations.

REGISTRATION FORM ONE-WEEK WORKSHOP ON BIOENERGY, BIOFUELS AND BIOREFINING (Self-Supported) JUNE 10 – 15, 2019

Name :
Qualification :
Designation :
Sex : M / F
Department :
Organization :
Mailing Address:

Phone :
Email :
Accommodation Required : Y/N

Registration fee Transaction Details:

Ref. No. Date:

The details provided by me are true to the best of my knowledge and belief. Kindly register me for the One Week Workshop on “**BIOENERGY, BIOFUELS and BIOREFINING**” to be held at NIT, Tiruchirappalli-15

Place:

Date: Signature of the Applicant

Prof./Dr./Mr./Ms./Mrs./_____ is an employee of our institute and his/her application is hereby sponsored and permitted to attend the “**ONE WEEK WORKSHOP on BIOENERGY, BIOFUELS and BIOREFINING**” at NIT Tiruchirappalli during June 10-15, 2019, if selected.

Date: Signature of Sponsoring Authority
Seal: