

TEQIP-III, NIT PATNA

Sponsored

SHORT TERM COURSE ON

**“Renewable Energy and
Applications -2018”**

(REA-2018)

HELD ON

19-23 December, 2018

Registration Form

1. Name of applicant (in Block Letters): Ms./Mr.

2. Educational Qualification:

3. Designation:

4. Name of the Institution/industry:

5. Address for communication:

6. E- mail:

7. Phone/Mobile:

8. D.D. No/ NIFT/RTGS .:

Date:

Bank Name:

Amount (Rs.):

Date:

Signature

Patron

Prof. P. K. Jain
Director, NIT Patna

Chairman

Prof. Om Prakash

Organizing Secretary

Dr. Vimal Kek

Coordinator

Dr. A K Das

Dr. A. Karpagaraj

Dr. Rahul Goyal

Advisory Committee

Prof. N.R. Lal

Prof. A N Sinha

Associate Prof. S.S. Prasad

Associate Prof. A.K. Shahni

Organizing Committee

Mr. Rajnish Kumar

Mr. Saif Nawaz Ahmad

Mr. Saurabh Singh

Mr. Avinash Kumar

Mr. Sujeet Kumar

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Organized by

National Institute of Technology Patna
Ashok Rajpath-800005, Patna

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About the REA- 2018:

The aim of the present program is to introduce the recent developments and applications of **REA**. This program is conducted in NIT Patna. The program is an interdisciplinary one and is open for all engineering faculty members, research scholars and industry personnel. Program may lead to active collaboration between participants and resource persons in these areas.

This interactive workshop provides review and reinforcement of relevant thermodynamic concepts as applied to renewable energy, and introduces performance calculation methods. The workshop emphasizes fundamentals which will be helpful for the practicing engineer but is not designed to review industrial practices which are usually proprietary. The acquired knowledge, including the review of illustrative examples, will enhance the participants' ability to excel in various assignments in wind energy, solar energy, biodiesel, development, education, and application. After completing the course the participants should be able to apply thermodynamic concepts to the analysis of renewable resource; analyze cycle analysis problems on integrating the component performances to get the overall biodiesel engine performance. The illustrative examples on the integration of the component performances to obtain the overall performance will facilitate comprehension of solar/wind/biomass matching; accounting for renewable; the method of sizing components at the design point.

Resource Persons:

Lectures will be delivered by the expert faculty members from IITs, NITs and other reputed institutes.

Eligibility Criteria:

Participation in this STC is open to all the students, research scholars and faculty members of science and Engineering streams. It is also open to all the Engineers who are working in the R&D organizations, industries and who wish to get a basic understanding of the concepts involved and research.

About the Institute:

National Institute of Technology Patna is the 18th National Institute of Technology created by the Ministry of Human Resource Development, Govt. of India after rechristening the erstwhile Bihar College of Engineering, Patna. The Institute has highly qualified faculty of higher caliber in various disciplines. Institute offers B.Tech, M.Tech & Ph .D programmes in respective field of Engineering, Sciences and Technology with well-equipped laboratories. The institute is situated on the south bank of holy river Ganges behind Gandhi Ghat, one of the most important and reverential place of Patna. The Gandhi Ghat is associated with the immersion of ashes of father of the Nation Mahatma Gandhi in the river Ganges. The campus has a picturesque river view with historic heritage building presenting a spectacle of architectural delight and natural beauty. The Institute campus is 8 km from the Patna Junction railway station and 15 km from the Jai Prakash Narayan International Airport Patna.

Registration:

Registration Fee

Faculty/ Researchers : Rs. 1500
Research Scholars/Students : Rs. 500
Industrialists and
R&D Institutions : Rs. 2000

Applicants should send a Demand Draft (DD)/RTGS/NIFT for fee with the registration form. The DD must be drawn (from any Nationalized Bank) in favour of, "The Director, NIT Patna" payable at Patna. For NIFT/RTGS payment the link will be provided on the website

Last date for receiving the registration form along with the DD is 20 August, 2018.

The complete application form in the prescribed proforma along with registration fee should reach chairman of STP.

Accommodation:

Accommodation should be arranged by participants on his own.

Contacts:

Dr. Vimal Kek / Dr. A. Karpagaraj/ Dr.
Rahul Goyal

Email: agrajnish@gmail.com,
vimalkek@nitp.ac.in

Mobile: 7708539715, 8171012572