

Speakers

- Dr. R. N. Patel, NIT Raipur
- Dr. Baidyanath Bag, NIT Raipur
- Mr. Amitabh Sharma, CREDA Raipur
- Mr. Kushal Tiwari, CREDA Raipur
- Dr. Saji Chacko, Govt. Poly Durg
- Mr. Safik Rahman, SSR Green Tech and Solar Solution
- Mr. R. Masih, Citadel Enterprises Pvt. Ltd.
- Dr. Lalit Kumar Sahu, NIT Raipur
- Dr. Pankaj Gupta, CSVTU Bhilai

Course Highlights

- Lectures by eminent experts from Academia, Industry and Govt. Organizations
- Hands on Sessions with Practical Aspects of various Energy Systems Design
- Economic Empowerment and Energy Sustainability of masses
- Business opportunity and job Creation in Energy Sector
- Analysis of the various challenges existing in harnessing energy

Chief Patron

Dr. A. M. Rawani, Director, NIT Raipur

Patron

Dr. (Mrs.) Shubhrata Gupta, Dean (R&C), NIT Raipur

Convener

Dr. N. D. Londhe,

HoD, Department of Electrical Engineering,

NIT Raipur

Coordinators

Dr. Baidyanath Bag

Assistant Professor, NIT Raipur

Dr. R. N. Patel

Associate Professor, NIT Raipur

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National Workshop

on

Sustainable Energy Systems Design for Remote Villages in India

(5th– 9th) November, 2019



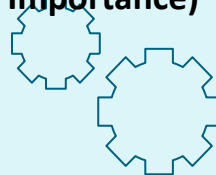
Organized by

Department of Electrical Engineering

National Institute of Technology

Raipur-492 010, India

(An Institute of National Importance)



About the Institute

National Institute of Technology, Raipur situated in the capital of Chhattisgarh, has proven to be a Pioneer in the field of science and technology over the decades. The institute laid its foundation stone with the hands of President Hon'ble Dr. Rajendra Prasad on 14th September, 1956, and the inauguration of the Institute building was done by Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railway station and 18 km from airport on NH-6, the Great Eastern Road.

About the Department

The Department of Electrical Engineering came into existence in year 2000. Electrical Engineering Department acts as the study, research and work place for approximately 600 students from the 29 states across India. The department provides an outstanding research environment and offers academic program leading to the award of B. Tech, M.Tech. and Ph.D. degrees.

Workshop Venue

Department of Electrical Engineering, National Institute of Technology, G.E. Road, Raipur-492010 (C.G.), India

Course Objectives

Availability of sustainable energy in rural area ensures; economic growth by enhancing the supply of energy demand, improving the living standards of rural people, creates job opportunities, and helps in tackling environmental challenges and their impacts. This course is aimed at disseminating knowledge on the following aspects:

- To enable the participants to analyze different scopes of energy generation in rural villages
- To enable the participants appropriate energy generation tricks and techniques based on the available resources
- To provide the insight on: system and technology development, various policies and schemes, plan formulations and financial & business models

Topics to be Covered

- Solar PV System Design
- Solar Thermal System Design: Solar Water Heater, Solar Cooker and Solar Dryer
- Solar Pump: Design, Installation & Maintenance
- Biofuels; their production and utilization.
- Electric Vehicular Technology
- Hybrid Energy System Design (using Solar, Wind, Biomass, Fuel Cell etc.)
- Energy Storage Systems Design & Implementation
- Financial and business models for energy utilization in rural area
- Various policies and plans of GoI for the sustainable energy development and Promotion in India

Registration

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of "Director, NIT Raipur" payable at Raipur, must reach the coordinator on or before **3rd November, 2019. Registration fee includes registration kit, lunch, snacks and hand outs.** Certificates will be issued to the participants only after attending the complete course.

Registration Fee

Participant Category	Amount (in Rs)
UG/PG / Ph.D. Students	800/-
Internal Faculty of NITRR	1000/-
Faculty/Industry Delegates	1000/-

Who Should Attend ?

- **U.G./ P.G. /Ph.D. students of All Streams**
- **Faculty members/ Researchers**
- **Industry Employees**
- **Other stake holders of Power System**
- **Power Market Operators**

Provisional Registration

Please take the print out and after filling the asked details, send the scanned copy of Registration Form and DD at email :
bbag.ee@nitrr.ac.in
Contact No.: +91-8950045927

REGISTRATION FORM
One Week National Workshop
on
”Sustainable Energy Systems Design for Remote Villages in India”

(5th– 9th) November, 2019

Organized by
Department of Electrical Engineering
National Institute of Technology, Raipur, C.G.

Full Name (Block Letter):

Name of College/Institution/Organization:

.....
.....

Qualification:

Designation:.....

Address:

.....
.....

Pin code:

Phone No./Mobile No.:

E-mail:

Do you need accommodation: (Yes/ No):

I have enclosed the registration fee of Rs.....by D.D. No

Dated.....in favour of “**Director, NIT Raipur**” payable at **SBI, GCET Branch, Raipur**

Place:

Signature of the Participant

Date:

Duly filled registration form must reach to Department of Electrical Engineering, NIT-Raipur, before last date of receipt of registration form by post/by hand along with registration fee (DD).