Speakers

- **Er. Sanjeev Jain, Chief Engg.,CREDA Raipur**
- **Prof. Chetan Singh Solanki, IIT Bombay**
- **Mr. Paramjit Singh, Co-founder & COO, Cygni Energy**
- **Dr. K. R. Aharwal , MANIT Bhopal**
- **Dr. Rajan Sonkar, NIT Hamirpur**
- **Er. Amitabh Sharma, CREDA Raipur**
- **Dr. Ritesh Keshri, VNIT Nagpur**
- **Dr. A. Hema Chander, GVPCEW, Visakhapatnam**
- **Dr. R. N. Patel, NIT Raipur**
- **Dr. Baidyanath Bag, NIT Raipur**

Course Highlights

- Lectures by eminent experts from Academia, Industry and Govt. Organizations
- Scopes and opportunities for Energy Systems Design in Remote villages
- 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. Subhashish Sanyal, TEQIP Coordinator, NIT Raipur

Dr. R. N. Khare, Principal, VEC Lakhanpur

Conveners

Dr. N. D. Londhe,
HoD (Electrical), NIT Raipur

Dr. R. N. Patel,
Associate Professor, NIT Raipur

Coordinators

Dr. Baidyanath Bag
Assistant Professor, NIT Raipur

Prof. S. S. Verma
Assistant Professor, VEC Lakhanpur

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TEQIP-III Sponsored

Online Short Term Training Program

on

Sustainable Energy Systems Design for Remote Villages in India

(under the Twining Activity between NIT Raipur and VEC Lakhanpur)

14th – 18th September, 2020

Organized by

Department of Electrical Engineering
National Institute of Technology
Raipur-492 010, India
(An Institute of National Importance)

in association with

Department of Electrical Engineering
Vishwavidyalaya Engineering College Lakhanpur , A constituent college of CSVTU, Bhilai, Chhattisgarh

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 Hon'ble President 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.

About the Department

The Department of Electrical Engineering came into existence in year 2000. Electrical Engineering Department acts as the study, research and workplace for approximately 600 students from the 28 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.

About VEC Lakhanpur

VEC, Lakhanpur, a constituent college of CSVTU, Bhilai was established in the year 2010. Recently, Institute is also recognition of College under Section 2(f) of the UGC Act, 1956. The college is having 5 UG and 4 PG courses currently.

Course Objectives

In the present context it has become even more relevant to envision an eco-friendly sustainable life style for masses in post COVID-19 era. It is the time to re-create a society which is rural-centric promoting reverse migration towards villages. This training program targets to address the most vital sector of Energy needs of such a community. Thus the course has been systematically designed to disseminate knowledge on three important pillars of sustainable living namely: rural electrification, transportation and cooking fuels, with the following major objectives:

- To enable the participants to understand various alternative options for clean, green and reliable electricity supply in Domestic Sector in rural and remote places
- To provide the detailed insight on clean Transportation Systems using e-Vehicles, along with their operation, control and maintenance
- To train the participants to understand and implement various alternatives for clean cooking using resources such as solar thermal, bio-gas and hybrid cooking systems

Topics to be Covered

- Overview of Energy Systems for Remote Villages
- Rural Electrification using Green Energy
- Transportation Systems for remote villages
- Electric Vehicles
- Cooking fuels: their production and utilization.
- Economic Empowerment of rural masses and enhancement in living standards

Registration

Applications in prescribed format must reach the coordinator on or before **13th September, 2020 through Google form.** Certificates will be issued to the participants only after attending the complete course.

Registration Fee

This course is totally free for the participants (limited seats). e-Certificates will be provided to all attendees.

Who Should Attend ?

- **U.G./ P.G. /Ph.D. students of All Streams**
- **Faculty members/ Researchers**
- **Industry Delegates**

Provisional Registration

Online Registration Link for this Workshop:

https://bit.ly/2GKEoH5

Contacts for any Queries or help :

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Prof. Swatantra Singh Verma

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REGISTRATION FORM

Online Short Term Training Program

on

"Sustainable Energy Systems Design for Remote Villages in India"

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Organized by

Department of Electrical Engineering,
National Institute of Technology Raipur in Association with VEC Lakhanpur (CSVTU)

Full Name (Block Letter): ……

Name of College/Institution/Organization: ……
……
Qualification: ……

Designation with Discipline/Branch:……

Address:

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Pin code:

Phone No./Mobile No.:

E-mail:

Place:

Signature of the Participant

Date:

For online registration Click here