

Virtual Short Term Training  
Programme on  
**'Recent Trends in  
Power Electronics,  
Power System and  
Renewable Energy  
System- II (RTPEPSRES-  
II-2020)'**

**REGISTRATION FORM**

Name: .....

Designation: .....

Organization: .....

Qualification: .....

Correspondence Address: .....

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Tel. (O) ..... (R) .....

(M) .....

E-Mail: .....

Registration Fee is paid in the form of  
Cash/DD/Online Transfer

Amount .....

No.....Date .....

Name of the Bank.....

Accommodation Required: Yes / No

Date:

Place:

Signature

Note:

- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.
- Photocopies of registration form may be used.

**CHIEF PATRON**  
**Dr. A. M. Rawani**  
*Director, NIT Raipur*

**PATRON**  
**Dr. Shirish Verma**  
*Dean Academics, NIT Raipur*

**CHAIR PERSON**  
**Dr. N. D. Londhe**  
*HOD Electrical, NIT Raipur*

**COURSE CO-ORDINATORS**  
**DR. ANAMIKA YADAV**  
**DR. SHUBHRATA GUPTA**

**ORGANIZING COMMITTEE**

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

Dr. B. Bag Assistant Professor NIT Raipur,

Dr. L. K. Sahu, Assist Professor NIT Raipur.

**Address for Correspondence**  
**Department of Electrical Engineering,**  
**National Institute of Technology, Raipur,**  
**C.G.**

**E-mail: [ayadav.ele@nitrr.ac.in](mailto:ayadav.ele@nitrr.ac.in),**

**[sgupta.ele@nitrr.ac.in](mailto:sgupta.ele@nitrr.ac.in)**

**Telephone (M) : 91-9425852654**

Virtual Short Term Training  
Programme  
on

**'Recent Trends in Power  
Electronics, Power System and  
Renewable Energy System-II  
(RTPEPSRES-II-2020)'**

From  
August 3-7, 2020



**Organized by**

**Department of Electrical Engineering**



**National Institute of Technology  
Raipur-492 010 (Chhattisgarh)**

## About the Institute:

**National Institute of Technology Raipur** situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1<sup>st</sup> 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 railways station and 18 km from airport on NH-6, the Great Eastern Road.

## About Department:

- The Department of Electrical Engineering came in existence since 1958.
- National level research projects are sanctioned.
- National and International research papers are contributed by all faculty members every year.
- Offers undergraduate as well as postgraduate programs.
- The department provides an outstanding research environment and offers academic program leading to the award of Ph.D. degree.

## Venue: Online/ Virtual

## Objectives:

Due to the present situation owing to spread of Covid-19 pandemic, This course is offered as an online/Virtual short-term training programme. It will be very useful for the faculties and research scholars of the whole country. The objective of this programme is to train the faculty members, research scholars, young scientists, and post graduates students of various organizations. The objectives of program are to provide a platform for interaction and exchange of ideas on recent trends in the field of power electronics, power system and renewable energy system.

## Theme/Scope:

The importance of power electronics has grown over the years due to several factors. Power electronics is interdisciplinary in nature and is used in a wide variety of area of Electric Drives, Power System, Power Quality in Power Systems and Renewable Energy systems etc.

## List of invited speakers:

- Dr. Saad Mekhilef, Department of Electrical Engineering, Faculty of Engineering, University of Malaya, 50603 Kuala Lumpur, Malaysia.
- Dr. Ramani Kannan, Senior Lecturer Electrical and Electronics Engineering Universiti Teknologi PETRONAS (UTP) Malaysia.
- Dr. Sanjeevikumar Padmanaban, Asst. Prof. / Department of Energy Technology Aalborg University, Esbjerg 6700, Denmark.
- Dr. Rudra Prakash Maheswari, Professor (On Lien), Dept. of Electrical Engineering, IIT, Roorkee, Presently Director, R.K. Goel Institute of Technology, Ghaziabad-, Uttar Pradesh, India.
- Dr. Bhavesh R Bhalja:- Department of Electrical Engineering, IIT Roorkee, India.

## Topics to be covered:

The program will be conducted in an interactive environment providing greater scope for discussion. Emphasis will be on a highly participative style of learning.

- **Power Electronics in Smart Grids**
- **Transmission and Distribution Systems**
- **Micro-Grids**
- **Renewable Energy Integration**
- **Energy Management & Storage**
- **Power Electronics in Power System**
- **Power Electronics in Electric Vehicles**
- **Artificial Intelligence Techniques**
- **Multilevel Inverters**

## Registration Fee Details (in INR):

Participants	Amount (in Rs) incl 18% GST
Students (UG)	118/-
Scholar (PG)	236/-
Scholar (Ph.D.)	354/-
Faculty	590/-
Industry Delegates	1180/-

Application in the prescribed format with registration fee in the form of DD/NEFT/RTGS drawn in favor of "Director, NIT Raipur" 30<sup>th</sup> July 2020. Candidates may send scanned copy of the registration form along with scanned of DD/NEFT/RTGS transaction. Hard copy may then be submitted on the day of registration. Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable. Certificates will be issued to the participants only after attending the complete course. Google form to be filled in <https://docs.google.com/forms/d/e/1FAIpQLSfv2cWQX560Dm2k9iwcT0HjpRSXx1x2mVFL-rDmwN-Ydn6TZQ/viewform?vc=0&c=0&w=1>

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August 3-7, 2020**

**INVITED SPEAKERS PROFILE:-**



Dr. Saad Mekhilef,  
Department of Electrical  
Engineering, Faculty of  
Engineering, University of  
Malaya, 50603 Kuala Lumpur,  
Malaysia.



Dr. Ramani Kannan,  
Senior Lecturer Electrical and  
Electronics Engineering  
Universiti Teknologi  
PETRONAS (UTP) Malaysia.



Dr. Sanjeevikumar Padmanaban,  
Asst. Prof. / Department of  
Energy Technology Aalborg  
University, Esbjerg 6700,  
Denmark.



Dr. Rudra Prakash Maheswari,  
Professor (On Lien), Dept. of  
Electrical Engineering, IIT,  
Roorkee, Presently Director,  
R.K. Goel Institute of  
Technology, Ghaziabad-, Uttar  
Pradesh, India.



Bhaveshkumar Bhalja  
Associate Professor,  
Department of Electrical  
Engineering  
Indian Institute of  
Technology Roorkee  
Roorkee-247667,  
Uttarakhand, India

REGISTRATION FORM



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on**

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**From**

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**Department of Electrical Engineering  
National Institute of Technology  
Raipur-492 010 (Chhattisgarh)**

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 Transaction ID .....

Dated..... (To the account of Director - Account No.: 38027633250, IFSC: SBIN002852, SBI, Raipur).

Place:

Date:

Signature of the participant

Soft copy of the Duly filled registration form along with the receipt of registration fee Payment must be sent to the email of coordinator :- [ayadav.ele@nitrr.ac.in](mailto:ayadav.ele@nitrr.ac.in), Department of Electrical Engineering, NIT-Raipur on or before 30.7.2020.