

**TEQIP –II Sponsored  
Five Days  
Short Term Training Programme  
(STTP)  
on  
Recent Trends in Power System  
and Renewable Energy  
From  
September 21-25, 2016  
REGISTRATION FORM**

Name: .....

Designation: .....

Organization: .....

Qualification: .....

Correspondence Address: .....

.....

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

(M) .....

E-Mail: .....

Registration Fee is paid in the form of  
Cash/DD

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. Sudarshan Tiwari**  
*Director, NIT Raipur*

**PATRON**  
**Dr. S. Sanyal**  
*Dean Research and Consultancy, NIT  
Raipur*

**CHAIR PERSON**  
**Dr. S. Gupta**  
*Professor, NIT Raipur*

**CONVENOR**  
**Dr. Subhojit Ghosh**  
*HOD, Electrical Engineering,  
NIT Raipur*

**CO-ORDINATORS**  
**DR. MONALISA BISWAL**  
**DR. EBHA KOLEY**  
**DR. BINOD SHAW**

**ORGANIZING COMMITTEE**  
**Dr.S. Gupta**, Professor, NIT Raipur  
**Dr. S.Ghosh**, HOD, NIT Raipur

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

**E-mail: [mbiswal.ele@nitrr.ac.in](mailto:mbiswal.ele@nitrr.ac.in),**  
**[ekoley.ele@nitrr.ac.in](mailto:ekoley.ele@nitrr.ac.in),**  
**[bshaw.ee@nitrr.ac.in](mailto:bshaw.ee@nitrr.ac.in)**

**Telephone (M) : 91-9437058624**  
**91-9827215396**  
**91-9832153849**

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**Organized by**  
**Department of Electrical Engineering**



**National Institute of Technology  
Raipur- 492010 (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:

**Department of Electrical Engineering  
NIT Raipur (CG) – 492 010, INDIA**

## Objectives:

The objective of program are to provide a platform for interaction and exchange of ideas about recent trends in power systems and renewable energy, among the experts from industry and reputed academic institutes with the faculty members, research scholars, young scientists, post graduate and under graduate students of various organizations.

## THEME / SCOPE

The short term training programme (STTP) on recent trends in power systems and renewable energy is proposed to give a thorough exposure to the recent research trends, and analytical analysis in the field of power systems and renewable energy. Distinguishing features of this programme include expert lectures on field and future technological advancement. The proposed workshop will provide opportunity to faculty, engineers and utility/industrial personnel to know the latest advancement, associated problems and measures to overcome them. The programme will also focus on the challenges to be taken by the researchers from power system issues and when applied to the system connected with distributed generation.

## 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.

## Five days training program will primarily focus on

- Intelligent Techniques for Control of Power System and Power Quality Studies
- Renewable Energy
- Power Quality
- FACTS Devices
- Advanced Protection Techniques
- Artificial Intelligence Application to Power System
- Wide Area Measurement System
- Smart Grid
- Applied Signal Processing
- Distributed Generation
- Power System Restructuring
- Transmission and Distribution Network Pricing Strategy
- Economic Operation of Power System
- SCADA/EMS

## Registration Fee Details (in INR):

| Participants       | Amount (in Rs) |
|--------------------|----------------|
| Students           | 500/-          |
| Faculty            | 1500/-         |
| Industry Delegates | 2000/-         |

Application in the prescribed format with registration fee in the form of Demand Draft drawn in favor of “**Director, NIT Raipur**” must reach the coordinator on or before 20.09.2016. Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable. Selected candidate will be informed by email as per the schedule. Certificates will be issued to the participants only after attending the complete course.