

Five Days

Short Term Training Programme
(STTP)

on

Recent Advances in Modern Power Technologies

From

January 12-16, 2019

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
DD

Amount

No.....Date

Name of the

Bank.....

Accommodation Required: Yes / No

Date: Place:

Signature:

Forwarding Authority:

Note:

- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.

CHIEF PATRON

Dr. A. M. Rawani

Director, NIT Raipur

PATRON

Dr. S. Gupta

Dean R&C

NIT Raipur

CHAIR PERSON

Dr. N. D. Londhe

HOD, EED

CO-ORDINATORS

Dr. Monalisa Biswal (Asst. Prof)

Dr. Ebha Koley (Asst. Prof)

ORGANIZING COMMITTEE

Dr. S.Ghosh, Associate Professor, EED

Dr. Binod Shaw, Assistant Professor, EED

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Five Days

Short Term Training Programme (STTP)
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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 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 railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department:

- The Department of Electrical Engineering was established in 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 is 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 advancements in modern power technologies 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 STTP will provide opportunity to faculty, engineers and utility/industrial personnel to know the latest advancement in the area of modern power network. 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. The course will also cover the detailed discussion about the hybrid microgrid system.

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

- Smart grid technology
- Microgrid concept
- Advance control and monitoring techniques
- Advancement in protection system
- Hybrid microgrid system
- Application of PMU
- Adaptive technology
- Power Quality
- Power failure mitigation
- FACTS Controller
- Solar PV Controller
- Application of micro PMU in microgrid

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 11.01.2019. 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 on first cum first basis. Certificates will be issued to the participants only after attending the complete course.