

## About MNNIT Allahabad

The Institute is among one of the leading institutes in India and was established in year 1961 as a joint enterprise of Govt. of India and Govt. of U.P. in accordance with the scheme of establishment of REC. However with effect from June 26th of 2002 the Institute became a deemed university and is now known as Motilal Nehru National Institute of Technology. The Institute is committed to quality and excellence in academic pursuits, offering B. Tech. programmes in nine branches of technology, M. Tech. programmes in more than twenty disciplines, MCA, MBA, and Ph.D. programme in all branches of Engineering, Science and Management.

## About the Department of Electrical Engineering

The Department of Electrical Engineering offers courses leading to a Bachelor of Technology in Electrical Engineering and Master of Technology programmes in Power Electronics & Drives, Control & Instrumentation and Power System. In addition, the department has strong research groups in the area of Power and Control. The Department enrolls candidates for the Doctor of Philosophy programs; full time, and QIP (Quality Improvement Program) in various research areas.

The Department has qualified and experienced faculty in all the related fields of Electrical Engineering viz. Electrical Power System, Power Electronics, Control, Instrumentation, Virtual Instrumentation and Digital Controls. The Department has well equipped laboratories.

**How to Reach:** Allahabad is well connected by road, rail and air travel modes. The Institute is located at 8 km from rail/bus station and about 20 km from Bamrauli airport.

## Short Term Course Chairs

### Patron

Prof. P. Chakrabarti  
Director, MNNIT, Allahabad

### Chairman

Prof. R. K. Tripathi  
Head, Department of Electrical Engineering,  
MNNIT Allahabad

### Coordinators

Dr. Nand Kishor  
Dr. Richa Negi

### Co-coordinator

Dr. Soumya R. Mohanty

### Treasurer

Mr. Navneet Singh

### Advisory Committee

Prof. Dinesh Chandra  
Prof. Vineeta Agarwal  
Prof. R. K. Singh  
Prof. Shubhi Purwar  
Dr. Poulsen Samuel  
Dr. Rajesh Gupta

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Phone: +91-532 2271412

## Self-Financed Short Term Course on

**Distributed Generation Resources and its  
Integration Impact on Grid  
(DGSIG-2015)  
(January 28-February 1, 2015)**

### Coordinators

Dr. Nand Kishor

Dr. Richa Negi

### Co-coordinator

Dr. Soumya R. Mohanty

### Organized by



**Department of Electrical Engineering  
Motilal Nehru National Institute of  
Technology Allahabad- 211004  
India**

## Introduction and Course Objectives

Renewable Energy is a vital input for social and economic development of any nation. Renewable energy resources are derived from the sun, wind and from the heat generated in the core of the earth.

In present scenario, contribution from solar and wind to energy requirement is marginal but the technical potential for their use is very large, exceeding all other readily available sources. Technological improvements over the last few years have placed renewable energy in a stable position to compete with conventional power generation technologies.

Increasing demand of power can be met only by developing clean renewable energy resources and also by enhancing the efficiency of their conversion methods. Power generation by conventional sources, is unable to meet the drastic increase in energy demand in India. The gap in demand and supply can be met by enough contribution by renewable sources only.

The main objective of the Short term course is to address the current technological advances in Solar and Wind resource and their integration with grid. Special focus will be given to Power generation using Solar, Wind, stand alone, grid connected and Hybrid Systems to meet the energy needs in global scenario.

## Course Contents

The thrust areas for talks will cover the followings:

- Solar/Wind power generation resource
- Hybrid systems for power generation: Solar, Wind, etc
- Interfacing systems with grid
- Hybrid DG system integration with grid
- Control applications in DG system

## Target Group

The workshop is designed for faculty members/research students /professionals from Industry, govt./semi-govt / Pvt. organizations involved in R&D and implementation.

## Registration Fee

Participants	Amount
Faculty /Academic Institutions/ Govt. / Semi. Govt. Organization	Rs.2500
Industry Delegates	Rs. 3000
Post Graduate Students	Rs. 1500

Registration forms are also available on Institute Website: [www.mnnit.ac.in](http://www.mnnit.ac.in) . Registration form duly forwarded by Head of the Department/Institute along with demand draft of required amount in favour of "DGSIG-2015, MNNIT Allahabad", payable at Allahabad should be sent to Coordinator on or before January 22, 2015. Selected participants will be informed via e-mail by January 23, 2015.

## Speakers

Eminent Experts from reputed institutions, including MNNIT Allahabad will deliver specialized talks.

## Accommodation

Accommodation for outstation participants may be arranged in the Institute hostel or Executive Development Centre (EDC) on payment basis depending upon the availability on first come first serve basis.

## REGISTRATION FORM Short Term Course on Distributed Generation Resources and its Integration Impact on Grid (DGSIG-2014) (January 28-February 1, 2015)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Highest Qualification: \_\_\_\_\_

Gender: Male/Female

Address for correspondence: \_\_\_\_\_

Pin: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Payment Details:-

Registration category: Academic/Industry/Student

DD. No. \_\_\_\_\_ Date: \_\_\_\_\_

Amount: \_\_\_\_\_ Drawn at: \_\_\_\_\_

Accommodation required: Yes / No

Date: \_\_\_\_\_ Signature of Applicant