

## About MNNIT

**Motilal Nehru National Institute of Technology (MNNIT) Allahabad** (formerly Motilal Nehru Regional Engineering College MNREC, Allahabad) is an institute with total commitment to quality and excellence in academic pursuits, and is among one of the leading institutes in India. It was established in the year 1961 as a joint enterprise of Central Govt. of India and State Govt. of Uttar Pradesh in accordance with the scheme of establishment of REC's. However with effect from June 26<sup>th</sup> of 2002 the institute became deemed university and an Institute of national importance, now known as Motilal Nehru National Institute of Technology Allahabad.

## Department of Electrical Engineering

The Electrical Engineering Department (EED) came into existence in the year 1961, with the objective to produce technical man power of high quality and promote research and development activity. With a modest beginning of introducing four year BE degree course in 1961, a post graduate programme in Electrical Machine / Power System / Control System was introduced in the year 1970-71.

Currently, EED offers courses leading to a Bachelor of Technology in Electrical Engineering and Post Graduate (M. Tech.) and Ph.D programs in (i) Power Electronics and Drives (ii) Control & Instrumentation and (iii) Power System, under Regular, Part-Time and QIP categories. The vision of the Department is to produce globally competitive technical manpower with sound knowledge of theory and practice, with a commitment to serve the society and to foster cutting edge research in Electrical Engineering pertaining to the problems currently faced by the country and the world.

## APT-2017 Committee

### Patron

Prof. Rajeev Tripathi, Director, MNNIT Allahabad,  
India

### Chief Guest

Prof. R. K. Pandey, Director General, NPTI, Ministry  
of Power, Govt. of India

### Chairman

Prof. Shubhi Purwar, Head, Dept of Electrical  
Engineering, MNNIT Allahabad

### Coordinator (s)

Prof. R. K. Tripathi & Prof. R. K. Singh  
Dept of Electrical Engineering, MNNIT Allahabad

### Organizing Secretary

Dr. Nitin Singh

### Joint Organizing Secretary /Treasurer

Dr. Niraj Kumar Choudhary

### Advisory Committee

Prof. Vineeta Agrawal, Dean R & C, MNNIT Allahabad  
Prof. M. M. Gore, Dean IRG, MNNIT Allahabad  
Prof. H. N. Kar, ECED, MNNIT Allahabad

## Registration Fees

Category	Registration Fees
Student	1500
Academia	2500
Industry	5000

## Contact

### Dr. Nitin Singh /Dr. Niraj Choudhary

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Allahabad-211004, Uttar Pradesh, India  
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E-mail: [apt.mnnit@gmail.com](mailto:apt.mnnit@gmail.com)  
For more details, visit [www.mnnit.ac.in](http://www.mnnit.ac.in)

## One week Short Term Course On Advances in Power Technologies

(APT-2017)

15<sup>th</sup> – 20<sup>th</sup> May, 2017



## Organized By

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

## About APT-2107

Depleting fossil fuels and increasing concern for the global warming has led to explore the alternative and renewable sources of energies such as solar PV, Wind Power Generation, Fuel Cell, etc. Government is also focusing on tapping the energy potential of the solar PV in big way. It has given rise to the decentralized power generation and distribution systems. Emphasis on the development of smart cities has also posed many challenges such as need of green and clean energy, smart transportation systems etc. This has led to the increasing penetration of Distributed Generation in the form of micro grid. Further, it has given rise to the new power transmission distribution and network protection technologies.

This one week short term course on “*Advances in Power Technologies*” aims to make people aware about the integrated power development schemes and changing scenario in the power sector. This is an interdisciplinary course that will cover the application of power electronics and intelligent control systems in the area of power systems. It will also focus on dissemination of the state of art knowledge in modern distribution system and grid interface technologies.

## Course Outline & Outcome

This one week short term course on “*Advances in Power Technologies*” will cover the following broad areas.

- Introduction to Alternative Sources of Energy.
- Integration Issues of Renewable Energy Sources.
- Power Converters and Its Application in Microgrids.
- Intelligent Control of Microgrids.
- Smart Metering in Microgrids.

The participants will learn about the existing and future technological developments and issues in the area of microgrids. The participants will also get in hand training on PASCAD and MATLAB.

## Speakers

The eminent speaker's in the short term course will be experts from IITs, NITs, reputed Universities and associated industries.

## How to Apply

Candidates are required to email the scanned copy of the duly filled registration form along with the payment details by 14<sup>th</sup> May, 2017 to: apt.mnnit@gmail.com. They are also required to bring the original copy of the registration form at the time of physical registration at MNNIT Allahabad.

## Who Can Attend?

The course will be useful for the faculty members / Doctoral & PG students of different Universities/ Institutes/ colleges & Professionals working in the Industries. Limited number of U.G. students may also be selected based on the availability of seats. Selected candidates will be informed through email.

## About Allahabad

Allahabad city (25.45°N latitude, 81.85°E longitude) is situated in the north part of India in the Oudh region of state of Uttar Pradesh. It is well connected with flights (Domestic Airport: Bamrauli), rail and road transport to other parts of India.

Allahabad, one of the proposed Smart city, is well known throughout the country for its purity and cleanliness that the city has maintained for many years. It's a holy and religious place and the meeting point of three most pious rivers namely Ganga, Yamuna and Saraswati. The city has always been associated with well-known personalities who glorified the city. The city better known as "PRAYAG" has many governmental institutions such as MNNIT, High Court of UP, Allahabad University & tourist places like Holy Sangam, Anand Bhawan, Narayani Ashram etc.

## Registration form

One Week Short Term Course

on

***Advances in Power Technologies***

**(APT-2017)**

15<sup>th</sup> – 20<sup>th</sup> May, 2017

Organized by

Department of Electrical Engineering, MNNIT  
Allahabad

Full Name: -----  
(in BLOCK letters, as desired on certificate)

Designation: -----

Affiliation: -----

Highest qualification: -----

Experience (if any): Teaching: ----- Industry: -----

Address for correspondence: -----  
-----

Mobile: ----- Email ID: -----

Mode of Payment: Either by Demand Draft in favour of “APT-2017” payable at Allahabad or by online transfer in the account detail given below

Bank: ----- Amount: -----

DD No.:----- Date: -----

For Online Transaction please provide the following:

Transaction Ref. No. ----- Date: -----

Name of Bank: ----- Amount: -----

Accommodation required: YES /NO

Signature of Applicant

Account Details

Name of Bank: **Vijaya Bank, MNNIT Allahabad**

Account No: **718400301000255** Name of Account: **APT-2017**

Type of Account: **Current** IFSC Code: **VIJB0007184**

**Registration form**

One Week Short Term Course  
on  
**Advances in Power Technologies**  
**(APT-2017)**  
15<sup>th</sup> – 20<sup>th</sup> May, 2017

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