



**Coordinators:**

Prof. M. M. Tripathi  
 Mrs. Bhavnesh Jaint  
 Mr. Saurabh Mishra

**Contact Address:**

Room No. : FW1-SF1  
 Electrical Engineering Department  
 Delhi Technological University  
 Bawana Road, Delhi-110042

Mob: 9013639714, 9685760550, 8375965159  
 E-mail: [fdpeed2018@gmail.com](mailto:fdpeed2018@gmail.com)

**Important Dates**

- Receipt of applications: March 7, 2018
- Information to the selected candidates: March 9, 2018

**Registration Fees**

No course fee will be charged from the participants from academic institutions recognized by AICTE/ UGC and Research organizations. Participant’s fee of Rs. 1000/- per person shall be charged for the candidates from Industry. All payments should be made through non-refundable DD drawn in favour of “Registrar, DTU” payable at State Bank of India, DCE Branch (Branch Code: 010446). The participant will have to make their own arrangement for travel, boarding & lodging.

**Participants**

Participants from Industry, Academic and Research institutions who are working in an area relevant to the theme of the course are invited. The number of participants are limited to 50 candidates.

**Organizing Committee**

Prof. S. K. Garg, Pro VC	Dr. Mini Sreejeth
Prof. Madhusudan Singh	Mrs. Bhavnesh Jaint
Prof. Narendra Kumar-II	Dr. M. Rizwan
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Mr. S K Valluru	Mr. Saurabh Mishra
Dr. Priya Mahajan	Mr. Nipun Bansal
Mr. Ram Bhagat	Mr. Sanjay Patidar

**TEQIP-III Sponsored  
 Faculty Development Programme  
 on**

**Emerging trends in Internet of  
 Things (IOT) and Cyber Security  
 applications in Smart Grid  
 (EICS-2018)**

**March 12 – 16, 2018**

Organized by

**EED, DTU,**

Venue:

**EDUSAT Hall (LW2-SF3)**  
 Delhi Technological University  
 Bawana Road, Delhi-110042

**About EED, DTU**

Electrical Engineering Department is one of the oldest departments of Delhi Technological University (erstwhile Delhi College of Engineering). The Department played a leading role in evolving an Industry oriented curriculum and served as a role model for many academic institution in the country. The Department of Electrical Engineering is one of the biggest departments in this University and actively engaged in imparting technical knowledge and skills at undergraduate and post graduate levels through various programmes in the discipline of Electrical Engineering. The department has state-of-art laboratory facilities with latest equipment, test facilities and software. These facilities are also used for carrying out research/ project work in the area of Electrical Engineering.

## About the Faculty Development Programme

The FDP on Emerging trends in Internet of Things (IOT) and Cyber Security applications in Smart Grid (EICS-2018) will offer a unique opportunity to the experts from Industries, faculty from premier Academic institutions, and distinguished practitioners working in the area of Electrical Engineering, Computer Science and Electronics & Communication Engineering to understand all the aspects of Smart Grid. Lecture/presentations in the FDP will be delivered by invited speakers from industries, R&D organizations and academic institutes. The objectives of the FDP are as follows.

- To create awareness about the inter-disciplinary nature of smart grid and expose them to emerging research problems in Smart Grid;
- To make participants understand the role of intelligent electronic devices and IOT in real time monitoring and control of Smart Grid;
- To imbibe with the knowledge of latest cyber security issues and challenges in Smart Grid implementation and operation;
- To equip the participants with computational techniques being used to solve the problems of Smart Grid;

## Topics to be covered

- Smart Grid (SG)
- Electric Vehicle & Smart Grid
- Wind Power integration to SG
- Solar Power Integration to SG
- Energy Storage in SG
- Intelligent Devices in SG
- IOT application in SG
- Cyber Security application in SG
- Security of IOT devices
- Computational Intelligence in SG
- Emerging research areas in SG

## Highlight

Presentation & Demonstration of Indigenous Products by Industry. Practical/ Tutorial sessions will be conducted.

## List of Experts

- Dr. Gulshan Rai, National Cyber Security Coordinator, Govt. of India
- Prof. Prabhat Ranjan, Executive Director, TIFAC
- Dr. P. C. Pant, Senior Director, MNRE, Govt. of India
- Sh. Yogesh Dixit, PGCIL
- Sh. Rajesh Lalwani, CoreEL Technologies
- Prof. Bhim Singh, IIT Delhi
- Prof. Sukumar Mishra, IIT Delhi
- Prof. B K Panigrahi, IIT Delhi
- Dr. B. K. Murthy, Senior Director, MEITY, Govt. of India
- Prof. S K Dhurandhar, NSIT
- Prof. D K Jain, DCRUST, Murthal

## Advisory Board

- Prof. Yogesh Singh, Vice Chancellor, DTU
- Prof. S. N. Singh, Vice Chancellor, MMMUT, Gorakhpur
- Prof. Bhim Singh, IIT Delhi
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- Prof. Prabhat Ranjan, ED, TIFAC
- Dr. B. K. Murthy, Senior Director, MEITY
- Dr. P. C. Pant, Senior Director, MNRE
- Prof. D K Jain, DCRUST, Murthal
- Prof. A Trivedi, DTU
- Prof. Pragati Kumar, EED, DTU
- Prof. Vikas Rastogi, DTU
- Prof. S. Indu, Deptt. ECE, DTU

## APPLICATION FORM Faculty Development Programme

### Emerging trends in Internet of Things (IOT) and Cyber Security applications in Smart Grid (EICS-2018)

**March 12 –16, 2018**

Name: .....

Title/Position: .....

Institute / Organisation: .....

Mailing Address: .....

.....

Email: .....

Fax: .....

Phone(s): .....

Qualification: .....

Experience:.....

Research Interest: .....

Details of enclosed Demand Draft: No. ....

Dated: .....Amount (Rs): .....

Issuing Bank: .....

**Date:** ..... **Participant Signature**

**Sponsored by, if any**

Name of the organization: .....

Address: .....

.....

**Signature of Head of Institution/ Department**