

REGISTRATION FORM

Recent Advances in Electric Power & Energy Systems (December 09-22, 2011)

Name:

Designation:

Organization:

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Qualification:

Teaching experience:

Area of specialization:

Address for correspondence:

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Telephone/ Mobile No.:

E-mail:

Accommodation Required: Yes / No

Payment Details:

Draft No. Issuing Bank

Amount Drawn on Date

Applicant's Signature

Signature & Seal of the sponsoring authority

Name:

Designation:

Place Date

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Address for Correspondence

Prof. Majid Jamil

Department of Electrical Engineering

Faculty of Engineering & Technology (FET)

Jamia Millia Islamia,

Jamia Nagar, Okhla, New Delhi-110025

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Ph. No. +91-11-26981717 Ext 2348

Important Dates

Last date for receiving Application: 15 - 11 - 2011

Notification about Selection: 20 - 11 - 2011

Confirmation from Participants: 25 - 11 - 2011

Staff Development Programme

on

Recent Advances in Electric Power & Energy Systems

December 09-22, 2011

Sponsored by

All India Council for Technical Education
(AICTE)

Coordinator

Prof. Majid Jamil

Co- Coordinator

Dr. Shabana Mehruz



Organized by

DEPARTMENT OF ELECTRICAL ENGINEERING

Faculty of Engineering & Technology (FET)

Jamia Millia Islamia (A Central University)

Jamia Nagar, New Delhi-110025

Ph.: +91 - 11 - 26981717, Ext.: 2348

www.jmi.ac.in

About Jamia Millia Islamia

Jamia Millia Islamia was founded at Aligarh in United Province, India in 1920 during the Khilafat and Non-Cooperation Movement in response to Gandhiji's call to boycott government supported educational institutions. Jamia moved from Aligarh to Delhi in 1925. The Jamia was made a Central University by an Act of Parliament in 1988. Today, Jamia Millia Islamia is one of the most prominent and promising Central Universities of the country. The academic programs of the university leading to higher education degrees, diplomas and certificates are offered through nine Faculties (Education, Humanities & Languages, Natural Sciences, Social Sciences, Fine Arts, Engineering & Technology, Architecture, Dental and Law). Besides its nine faculties, the Jamia has a number of centres of learning and research.

About Faculty of Engineering & Technology

This Faculty was established in 1985 with the departments of Civil, Mechanical and Electrical Engineering departments. It has added the departments of Electronics & Communication Engineering, Computer Engineering and Department of Applied Sciences.

Its undergraduate programmes include B.Tech. and B. E. (Evening) in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics & Communication Engineering, and Computer Engineering. It also offers postgraduate programmes, M.Tech (Electrical Power Systems Management), M. Tech. (Mechanical Engineering), M. Tech (Civil Engineering), M.Tech (Environmental Science & Engineering), M.Sc (Electronics) and MBA. The Polytechnic offers day and Evening course for Diploma in Civil Engineering, Electrical Engineering, Mechanical Engineering, Computer Engineering and Electronics & Communication Engineering.

About the Department

Since its inception in 1985, the Department of Electrical Engineering has registered tremendous growth in teaching and research. The Department offers a regular four-year B. Tech. program in "Electrical Engineering" and a regular M.Tech. program in "Electrical Power System Management". The Department also runs a four-year B.E. (evening) program in "Electrical Engineering" for working professionals with Diploma. The Department is also actively engaged in research leading to Ph.D. degree.

Most of the faculty members have received prestigious awards and have published papers in refereed International/National journals and conferences. The Department has received generous grants from funding agencies like AICTE, MHRD, UGC, DRDO, DST and has successfully completed them. Presently the department is doing research on number of sponsored projects worth rupees few crore. The Department has well established facilities for research work in the areas of power and energy systems, robotics and automation, Supervisory Control and Data Acquisition (SCADA), Distribution Automation, Power Electronics, Power Quality & Energy Audit, Soft Computing and many allied areas. The Department has conceived, designed and executed a unique state of the art center for SCADA research and training. A large number of leading organizations are regularly visiting the faculty for campus placements.

Aim and Scope of the Course

The proposed staff development programme aims to bring together teachers, researchers, scientists, engineers, and scholars to exchange and share their experiences, new ideas, and research results about all aspects of recent advances in the field of electrical power and energy systems and discuss the practical challenges encountered and the solutions adopted.

The staff development programme is intended to provide opportunities through AICTE approved staff colleges / institutions for induction training to teachers employed in AICTE approved technical institutions to facilitate up-gradation of knowledge and skill. Power and energy sectors are important infrastructure in the present scenario of India. There are new challenges for researchers and engineers to integrate different renewable sources to the grid to supply environment friendly and green energy. Distributed generation is another important area of research. All these topics will be covered in the proposed course. This course will benefit participants from academics, R & D institutions, utility engineers and policy makers.

Topics to be Covered

- Power & Energy Systems Fundamentals
- Operation & Control of Power Systems
- Power System Stability
- Reactive Power Control
- SCADA Systems and Distribution Automation
- Distributed Power Generation (Solar, Wind, Hydro etc.)
- Future Sources of Energy
- Grid Integration of Renewable Energy Sources
- Power Quality
- Smart Grid Management
- Soft Computing
- MATLAB, Mi Power and PSCAD Simulation

Participation from Academic Institutions

Staff development programme is open to full time regular/permanent faculty of AICTE recognized degree level engineering colleges and technical universities/deemed universities. The interested candidates are required to send the duly filled registration form forwarded by the competent authority along with a draft of Rs 500/- (refundable) in favour of Jamia Millia Islamia payable at New Delhi to the course Coordinator at the earliest but not later than 15th November 2011. The list of selected candidates will be displayed on university website www.jmi.ac.in on 20th November 2011. The selected candidates will be paid maximum AC-3 tier rail fare subject to production of railway ticket by the shortest route as per AICTE/JMI norms. The accommodation will be made available either at JMI hostel or nearby on prior request, but they are required to bring their beddings and lock.

The selection is on first come first serve basis depending upon the availability of the seats.

To,
Prof. Majid Jamil
Coordinator, SDP 2011
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Faculty of Engineering & Technology (FET)
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