

All India
**JAMIA ELECTRICAL
ENGINEERING
CONFERENCE 2003
(JEEC'2003)**

August 16-17, 2003



**RECENT TRENDS
IN POWER MANAGEMENT**

Sponsored by
IEE Delhi Branch



Supported by
IEEE Delhi Section and
IE (I) Delhi State Centre



Organized by
**Department of
Electrical Engineering**
Jamia Millia Islamia, New Delhi

RECENT TRENDS IN POWER MANAGEMENT

INTRODUCTION

Jamia Millia Islamia (JMI) has great pleasure in announcing that the Electrical Engineering Department is organizing its first All India JAMIA ELECTRICAL ENGINEERING CONFERENCE 2003 (JEEC'2003).

Since its inception in 1985, the Department of Electrical Engineering has undergone tremendous growth. Apart from regular teaching, the department has actively pursued research-oriented activities and many faculty members have established themselves in their fields of research and development. Most of the faculty members have received various awards and have published papers in refereed International/National journals and conferences. Many faculty members have visited countries such as USA, UK, Germany, Canada, Switzerland, Italy, Brazil, Singapore, Malaysia etc. to present their research findings, for advanced training and post doctoral research. Department has received generous grants from funding agencies like AICTE/MHRD/UGC and has successfully completed many R&D, and Thrust Area projects worth more than Rs. one crore. The department has well established facilities for research work in the areas of robotics & automation, power & energy systems, soft computing, SCADA, power electronics and many allied areas. The department has also organized a summer school for the benefit of faculty members of engineering institutions and industry professionals.

In view of its steady growth and development, the department is organizing a two day national conference on RECENT TRENDS IN POWER MANAGEMENT.

The conference is being sponsored by IEE Delhi International Branch and supported by IEEE Delhi section and IE(I) Delhi State Centre.

The country is passing through a transition period in power sector which is being looked at with critical approach to make it efficient and reliable to deliver quality supply at affordable prices on sustainable commercial basis leading to a healthy power sector utilities with options to be corporatised / privatized and well managed. The conference will address the recent developments in power sector management particularly the power distribution sector.

The impact of policy changes in last decade, advances in information technology and its role in power sector, focused emphasis on power distribution and management,

use of modern computer aided tools for distribution system analysis of the existing system, load flow studies, load forecasting for next decade as part of Government of India initiative called Accelerated Power Development and Reform Programme, and other initiatives to revamp the existing systems and plan for healthy growth, providing customer oriented services on commercial basis etc. will be deliberated.

The conference will also discuss the likely impact of new Electricity Bill 2003 on the Management of Power Sector and the emerging trends in capacity building, training and research leading to new technologies, management models for the systematic and sustainable growth of power sector taking India to Super Power status.

VENUE & DATE

The conference is slated to be held on 16th and 17th August, 2003 at Ansari Auditorium, Jamia Millia Islamia, New Delhi.

OBJECTIVES

The conference intends to evaluate appropriate models and management concepts to the multi-dimensional complex and highly inter-linked power system generation-to-utilization process, Scope of automation and intelligent control techniques has to be promoted for efficient energy management.

The main objectives of the conference are to

1. Deliberate on the Recent Advances and Trends in Power Sector Planning and Management.
2. Propose New Strategies in Power Distribution Technologies, Planning & Management
3. Power Sector Reforms strategy for corporatisation and / or privatization,
4. Energy System Management, Automatic Generation Control
5. Asset Management, Trouble Call Management, Customer Relationship, Customer Indexing and Database
6. District level report, survey with GPS, HT LT mapping with GIS
7. Power System Planning, Load Forecasting, Operation and Control
8. Tariff Philosophy and Regulatory Mechanisms in states
9. Recent trends in Demand Side Management
10. The Electricity Act 2003, Standards & Norms

11. Sustainable perspective of energy technologies and
12. Power Quality and Energy Audit Issues
13. FACTS, HVDC, UHV Transmission and rel
14. Power Electronics, Drives, Active Filters, In Motion

Papers are invited on various topics relevant to power system generation, transmission, distribution, management, and control. Papers will be available in conference proceedings and will also be available on CD and web. The theme of the conference includes the following mentioned broad areas

Prospective authors wishing to offer technical papers should send the complete paper clearly indicating names of all authors, affiliation, address, phone number and the author for correspondence. The final camera manuscript of complete paper not exceeding 10 pages should be sent in standard IEEE two column format. Apart from regular technical sessions, there will be lectures by national level experts, poster presentations, round table discussion, technical exhibition, visits to vendors, and book publishers. There will be a social program and visits to historical places for accreditation person.

All the papers should be accompanied by registration fee of Rs. 1000/- only. Registration fee for students and accompanying persons is Rs. 500/-.

All payments should be made in form of demand draft drawn in favor of JAMIA MILLIA ISLAMIA, New Delhi. Papers without registration fee will not be included in the proceedings and CD. Details of the program will be communicated in the paper acceptance notification.

DEADLINES

Dead line to receive complete paper: July 15, 2003
Notification of acceptance of paper: July 30, 2003

Send all communications to :

Organizing Secretary, JEEC 2003
Department of Electrical Engineering
Faculty of Engg. Jamia Millia Islamia
Jamia Nagar New Delhi - 110 025
Telefax 91-11-26982651

Email: viren_krec@hotmail.com

CONFERENCE MANAGEMENT

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Mr. Syed Shahid Mahdi, Vice Chancellor, JMI

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All India JAMIA ELECTRICAL ENGINEERING CONFERENCE 2003

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Please send the completed form with bank draft and advertisement material so as to reach the Organizing Secretary on or before July 25, 2003.

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