The Aligarh Muslim University

The AMU is a distinguished University at the International level. It was founded by a great social reformer Sir Syed Ahmed Khan in the form of Mohammedan Anglo Oriental College (MAO) in 1875. In 1920 it was raised to the status of a Central University by an act of Parliament. The University has different faculties and more than hundred departments with about 25000 students. Over the years, the University has been providing quality education and research output. The alumni of AMU are spread throughout the World and have made their mark in every field. The University is accredited with rank ‘A’ by NAAC.

Aligarh

Aligarh is located on the main Delhi-Howrah rail route at a distance of 135 km southeast of Delhi. The city also falls on the Grand Trunk Road and is located 292 km from Kanpur. Moreover, Aligarh is 82 km from Agra and 60 km from Mathura by road. The University is about 3 km from the Aligarh Railway Station.

Accommodation

Limited accommodation is available in the University guest houses/hostels, hotels on first-come first-serve basis on request and payment. Participants are advised to send their requests well in advance.

Chief Patron
Prof. Tariq Mansoor, Vice Chancellor

Patrons
Prof. M. Hanif Beg, Pro Vice Chancellor
Prof. B. H. Khan, Dean, Faculty of Engineering & Technology
Prof. M. M. Sufiyan Beg, Principal, Zakir Husain College of Engineering & Technology

Organizing Chairperson
Prof. Imtiaz Ashraf, Chairman, Department of Electrical Engineering

Conveners
Dr. Adil Sarwar, Assistant Professor, Department of Electrical Engineering.
Mr. Mohd Tariq, Assistant Professor, Department of Electrical Engineering

Coordinators
Mr. Mohd Anas Anees, Assistant Professor, Department of Electrical Engineering
Mr. Mohammad Ali, Assistant Professor, Department of Electrical Engineering

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Mobile: 99972 77428

Faculty Development Program
On
Recent Advances and Industrial Applications of Power Electronic Converters and Electrical Machines
22 – 26 October, 2018

Organized by:
Department of Electrical Engineering
Zakir Husain College of Engineering and Technology, AMU, Aligarh
(Under TEQIP-III Program)
Rationale
Power electronics is the basic technology for efficient and controlled electric power conversion. This is due to the advent of advance semiconductor devices such as thyristors, GTOs, IGBTs, MOSFETs. Thus the application area of power electronics is very wide; ranging from power utility systems and uninterruptable power sources to high-speed traction drives and robotic-arm drives. Moreover the evolution of modern wide band gap semiconductor devices, (SiC, GaN etc.), and the evolution of modern control theories that can be implemented through fast processors has increased the utility of the power electronic conversion.

In addition to power electronics, the knowledge of electric machine technology and its diagnostics plays a major role in efficient and robust functioning of industries. This program is an attempt towards bringing awareness about these technologies in a state-of-art fashion by bringing in the experiences of the experts from the IITs, NITs, institutes of repute and industries. These experts will be covering different aspects of these areas.

Resource Persons
- Faculty from IITs, NITs and University.
- Engineers from the Industry.

The Department
The department of Electrical Engineering (est. 1935) is one of the leading departments of the University in terms of quality education and research output. The department offers the B. Tech program and three postgraduate programs, namely, Power System and Drives, Instrumentation and Control, and High Voltage Engineering. The Instrumentation and Control program is one of the oldest programs in the country. The B.Tech. program and two M.Tech. programs of the department are accredited for five years by NBA.

<table>
<thead>
<tr>
<th>Details of Registration Fee</th>
<th>Fee (INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD Scholars/ Researchers (AMU)</td>
<td>500</td>
</tr>
<tr>
<td>Faculty (AMU)</td>
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<tr>
<td>PhD Scholars/ Researchers (External)</td>
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<tr>
<td>Faculty (External)</td>
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Advance registration deadline: 16 October 2018.

Only limited number of seats (40) are available.

For registration and depositing the registration fee, contact Dr. Adil Sarwar. Registration Fee entitles the delegates to participate in lectures, refreshment and lunch during session, (Under TEQIP-III)

Registration Form:

Name: ..........................................................

Institute/ Organization: ..................................

Faculty/ PhD Scholar/ Researcher: .................

Academic Qualification: ................................

Area of Specialization: .............................

E- Mail: ........................................................

Mobile: ........................................................

Address: ........................................................

Signature of Applicant: ..............................

Registration Link: https://docs.google.com/forms/d/1szLFWol32pu_3c0goTCHkg2l258Hvt85C1xt9tpKMs/viewform

Date: .....................................................

Place: .....................................................