

Public Relations Office
Jamia Millia Islamia

March 15, 2024

Press Release

JMI organizes FDP on Advancement of Control and Measurement Technologies in EVs and Smart Grids

The Department of Electrical Engineering, Jamia Millia Islamia (JMI) organized a thought-provoking Faculty Development Program (FDP) on Advancement of Control and Measurement Technologies in EVs and Smart Grids focused on the advancement in the area of Electric Vehicles (EVs) and Smart Grids measurement and control technologies. Held from March 11 to March 13, 2024, the program was conducted in a hybrid mode, accommodating a diverse cohort of 70 participants from academia and research sectors across the country.

The FDP was inaugurated with a warm welcome address by the Chief Guest, Prof. Moinuddin, Former Director of NIT Jalandhar & former faculty of Department of Electrical Engineering, JMI, Prof. Mini Shaji Thomas, Dean faculty of Engg. & Technology, JMI, Prof. Shahida Khatoon, HOD, Faculty members and participants by program coordinator Prof Tarikul Islam, Department of Electrical Engineering.

The inaugural ceremony was graced with the address by the Head of the Department, Prof. Shahida Khatoon who highlighted the importance of the program in recent times. The program coordinator has given an introduction about the program including the introduction of the invited speakers. The inaugural function ended with a vote of thanks by Dr. Md. Sarwar, Assistant Professor, Department of Electrical Engineering.

The FDP was aimed to empower educators, researchers, and professionals with the latest knowledge, tools, and techniques essential for navigating the complexities of EVs and Smart Grids. With a specific emphasis on control and measurement technologies, the program addressed critical challenges and emerging trends in these rapidly evolving domains.

The FDP featured an illustrious lineup of eight distinguished speakers drawn from prestigious institutions such as the Indian Institutes of Technology (IITs), Central Universities, State University, leading Foreign University, and renowned institutes and Industrial establishments. These eminent speakers brought forth a wealth of expertise,

sharing invaluable insights gleaned from their research, industry experience, and academic endeavors.

Throughout the three-day program, participants engaged in a dynamic blend of lectures, case studies, and interactive discussions, exploring a wide array of topics including:

- Advanced control technologies in EV system
- Advances in sensors and measurement in EV system
- Advances in grid control technologies
- Advances in measurement technologies in smart grids
- Advances in cyber security in Smart grids
- Skill enhancement in conducting simulation and experimental work

The hybrid mode of delivery, combining both in-person and virtual components, facilitated seamless participation, enabling attendees from diverse geographical locations to benefit from the expertise of our esteemed speakers and interact with fellow participants.

The Department of Electrical Engineering, JMI extends its sincere appreciation to all participants and speakers for their unwavering support and enthusiastic participation, which contributed immensely to the success of this FDP. By fostering collaboration and knowledge exchange, we are confident in our collective ability to drive innovation and progress in the field of EVs and Smart Grids, paving the way for a more sustainable and resilient energy future.

The FDP concluded with a heartfelt vote of thanks to all participants, faculty members, and supporters whose contributions made this program a resounding success.

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