

July 10, 2018

**Press Release**

**JMI signs MoU with National Institute of Solar Energy, GoI, to meet Green Energy Objectives**

Advance Power Electronics Research Lab of Jamia Millia Islamia's Department of Electrical Engineering today signed an Memorandum of Understanding (MoU) with government-owned National Institute of Solar Energy (NISE) under which the two sides will share their expertise and resources to meet the national objective of green energy and power efficiency.

The Advance Power Electronics Research Lab, headed by Dr. Ahteshamul Haque has received Research & Development grant from the Ministry of New and Renewable Energy (MNRE).

The MoU was signed by JMI Registrar, Mr A P Siddiqui and NISE Director General, Mr. A. K. Tripathi in the presence of JMI Vice Chancellor, Prof Talat Ahmad, Controller of Examination, Dr A A A Faizi, Dean Faculty of Architecture and Ekistics, Prof Hina Zia, Head of Department of Electrical Engineering, Prof. Z. A. Jaffery and Ph D scholars from the department.

With this MoU students of JMI will be able to work at NISE and test engineers of NISE will get training at Advance Power Electronics Research Lab, Department of Electrical Engg. The employability of students will increase and JMI will be known for solving problems faced by the industry nationally and internationally.

JMI's solar lab has state-of-the-art equipment for research work in the area of Power electronics and its application like Solar Inverter, Smart Grid, among others. It gets power from Solar Power Plant installed on its roof. The lab also has a solar inverter developed and designed by it. NISE which is under Ministry of New and Renewable Energy has facilities of testing solar products. JMI PhD scholars can now use the high end testing equipment at NISE to further their research work.

Speaking on the occasion, Vice-Chancellor, Prof. Talat Ahmad said that it was a significant moment for the university as it will not only prove beneficial for both the partners but will also help meet the country's energy demand. He said that at the initial stage solar set up might be expensive but with better research and technology it will be cost-effective in the long run, especially, given the kind of push by the Government of India to encourage the use of solar power. Eventually other green energy sources like wind, geo-thermal and ocean waves will also play a significant role in power generation.

Registrar JMI, Mr Siddiqui said that solar energy is a frontier area of research and such a collaborative initiative will go a long way in harnessing this important source of energy. He

lauded the efforts of the Vice Chancellor in promoting R&D in Science and Technology and use of solar energy in the JMI campus.

Mr Tripathi said that NISE was happy to open its testing, specialization and research instrument facilities to JMI students, besides its skill development institute that does advanced professional courses. He said that with the signing of the MoU academic knowledge and professional expertise will join hands and hoped that it be a useful partnership for both sides.

Prof Saima Saeed  
Media Coordinator, JMI

