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Press Release

Jamia organizes a lecture series on 'Advance in Neurotechnologies for Building the Brain Machine Interfaces' as part of GIAN

A five-day lecture series on **'Advance in Neurotechnologies for Building the Brain Machine Interfaces'** is being conducted by Jamia Millia Islamia under the Human Resource Development Ministry's Global Initiative for Academic Networks (GIAN) programme in higher education.

A total of 55 faculty members and research scholars of Electrical Engineering from leading institutions of the country including IITs are participating in the lecture which was opened last Saturday.

The main objective of the course is to understand the foundation of medical Instrumentation focusing on neurotechnologies, frontiers of neuroengineering, Brain Machine Interface, Introduction of cochlear and retinal prosthesis, Motor or sensory functions, and embedded technologies for biomedical applications, Prof. Munna Khan of Department of Electrical Engineering and GIAN Course Coordinator said.

Air Marshal Pawan Kapoor VSM & BAR PSH, Director General Medical Services (Air), Indian Air Force, was the Chief Guest on the occasion and Prof. D. P. Kothari , Ex-Director, IIT Delhi was the Guest of Honour. Prof. Mehtab Alam, Dean, Faculty of Engineering & Technology, JMI presided over the function.

Dr. Nitesh V. Thakor, Professor of Biomedical Engineering, Johns Hopkins University, USA delivered the Guest Lecture.

Other dignitaries at the function included, Prof. Majid Jamil, Head of the Department of Electrical Engineering, Prof. Munna Khan, faculty members, university officers, course participants and students.

Air Marshal Kapoor**,** a Hospital Administrator of national repute who has published more than 40 papers in various reputed journals and contributed more than 10 chapters in published books, spoke in detail about the role of advancement in neurotechnologies in the field of brain machine interface.

AVM Kapoor, founder member of the National Accreditation Board of Hospitals & Healthcare Organization (NABH) and presently the Chairman of NABH Accreditation Committee, also mentioned the main challenges that need to be overcome in order to find suitable applications. He also attended the First lecture given by Prof. Nitish V. Thakor of Bio-Medical Engineering from Johns Hopkins University, U.S.A.

Prof. Mehtab Alam, Dean, Faculty of Engineering and Technology, asked the students to take maximum benefits from the lecture series. He informed that Jamia Millia Islamia has organized the maximum number of GIAN courses and stands second in organizing such course after JNU.

Prof. Munna Khan, Course Coordinator informed the audience that this course is designed to cover aspects of Advancement in Neurotechnologies and Prof. Nitish V. Thakor will be discussing theoretical aspects of these challenges and real time application of Brain machine Interface.

Dr. Anwar Shahzad Siddiqui, Professor, Electrical Engineering Department, JMI thanked the Chief Guest for attending the function.

Office of the Media Coordinator
Jamia Millia Islamia

Inaugural Function of MHRD GIAN course on 'Advance in Neurotechnologies for Building the Brain Machine Interfaces' at Department of Electrical Engineering, Jamia Millia Islamia on 25th Februray 2017

Air Marshal Pawan Kapoor VSM & BAR PSH, Director General Medical Services (Air), Indian Airforce delivering during the inaugural address

Prof. Nitish V. Thakor Subject expert from USA speaking at Inaugural function of GIAN Course.

Prof. D. P. Kothari, Ex-Director, IIT Delhi elaborated on the importance of GIAN courses and also discussed about his association with Jamia Millia Islamia.

Prof. Munna Khan, Course Coordinator talking about benefits of this course