

“One Week Training Program on DST Supported Advanced Research Instruments” started at Aligarh Muslim University

One Week Training Program on DST Supported Advanced Research Instruments scheduled 18th to 24th July, 2022 at the ALIGARH MUSLIM UNIVERSITY, ALIGARH, INDIA, under the “Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI)” supported by the Department of Science and Technology (DST), Government of India started with the inauguration programme held today morning (18.07.2022) in the Conference Hall of the Physics Department.

As part of the “Azadi Ka Amrit Mahotsav” celebrations, in the training programme being held, the scientific lectures, demonstrations and hands on training sessions are to be organized for the benefit of the faculty members/research scholars/scientists of nearby colleges/universities on the DST sponsored FIST supported equipment.

The inaugural function of the programme was conducted at the Department of Physics, Aligarh Muslim University, Aligarh at 10.00 AM today in the conference hall of the department keeping Covid 19 protocols into mind. Prof. Avinash Chandra Pandey, the Director, Inter University Accelerator Centre, New Delhi was the Chief Guest of the programme. Dr. Pandey presented his valuable views on the occasion. He highlighted the long association of AMU Aligarh with IUAC, New Delhi through the utilization of research facilities at IUAC by AMU faculty and research scholars. Prof. Pandey also mentioned the contribution of early AMU Physics faculty in the inception of IUAC. He emphasized on capacity professional development, which is also initiative of Govt. of India, through multidisciplinary research. He also proposed to have AMU-IUAC common recruitment of faculty to continue collaborative research. He subsequently released the brochure of the week-long programme.

Pro Vice Chancellor, Prof. Mohammad Gulrez appreciated the achievement and long legacy of the Physics department in his presidential address. He quoted the famous quote of Charles Darwin in context with the adoption of change with reference to work in a collaborative manner. He also ensured to provide all possible support by the University to the department for conducting quality research and organization of such science outreach activities.

The guest of honor, Prof. Mohammad Ashraf, Dean Faculty of Science discussed the importance of such training programme in context of growth of early career researchers. He congratulated Physics Department for getting STUTI Project by DST, New Delhi and organizing a week-long programme for youngsters.

Prof. B. P. Singh, Chairperson, Physics Department, welcomed the Chief guest and all the faculty members as well as participants of the training programme. At the very start of the programme Prof. Singh highlighted the importance and usefulness of organizing training programme. He also

narrated the importance of scientific temperament and scientific spirit for the development of technological applications.

Dr. M. Wasi Khan introduced the STUTI initiative of DST to the audience and students and discussed its main features and components. Dr. Jai Prakash, as one of the conveners, convened the activities undertaken “One Week Training Program on DST Supported Advanced Research Instruments” in the department. He also presented vote of thanks in the end of the inaugural function.

After the inaugural function, a scientific lecture entitled “Accelerator-based nuclear physics research at IUAC” was delivered by Dr. Subir Nath, Scientist, Inter-University Accelerator Centre (IUAC), New Delhi. In his talk, he highlighted the basics of accelerators and their applications in high end research.

Another Scientific lecture was delivered by Dr. D. K. Shukla, Scientist, UGC-DAE Consortium for Scientific Research, Indore on topic entitled “Synchrotron X-ray radiation-based materials characterization methods”. In his talk, he highlighted the various facilities available at UGC-DAE Consortium for Scientific Research, Indore and discussed the applications of Synchrotron X-ray radiation.

Afternoon session was devoted to “Hands on training activities” through familiarization of Scientific Equipment and Demonstration as per the directions of government of India. The demonstration of Spectrometers, Microscopes, Liquid Crystals, Oscilloscope, Diffractometers etc., were made and participants participated in demonstration and hand on training session very enthusiastically.



Participants' registration



While presenting a bouquet to honorable Pro Vice Chancellor, Aligarh Muslim University, Aligarh, Prof. Mohammad Gulrez



While releasing the Brochure of One Week Training Program on DST Supported Advanced Research Instruments



Pro Vice Chancellor, Aligarh Muslim University, Aligarh, Prof. Mohammad Gulrez presenting a memento to Chief guest Prof. Avinash C. Pandey, Director, IUAC



Participants and audience attending the inaugural function of One Week Training Program on DST Supported Advanced Research Instruments



PMU Coordinator Prof. B. P. Singh presenting a memento to Dean Faculty of Science, AMU



Dr. Subir Nath, IUAC, New Delhi while presenting his talk



Participants interaction with the speaker



PMU Coordinator Prof. B. P. Singh presenting a memento to the Speaker



PMU Coordinator Prof. B. P. Singh presenting a memento to the other Speaker



Participants interaction with the speaker



Group photograph