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CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY

PRESS RELEASE

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“Physics is not about memorizing, it is about understanding and making it interesting through experiments. Today, the experts who understand and conduct the experiments are decreasing day by day.”

This was stated by eminent physicist Padmashree Prof. H.C. Verma on November 23-11- 2021 at the closing ceremony of the two-week Science Academy refresher course on Experimental Physics by the Department of Physics, Chhatrapati Shahu ji Maharaj University, Kanpur. In his speech as the chief guest, he congratulated the university for organizing this event and said that this refresher course will definitely help the teachers to experiment with the mysteries of Physics, understand it and teach the subject to their students in an interesting manner.

The life of all of us is heavily dependent on scientific inventions and techniques of modern times. We can neither understand science nor technology without doing experiments. In his presidential address, Vice Chancellor, Chhatrapati Shahuji Maharaj University, Kanpur, and Khwaja Moinuddin Chishti Bhasha Vishwavidyalaya, Lucknow, Prof. Vinay Kumar Pathak expressed concern over the declining level of experiments in science and technology. He stressed on the need for the laboratories in the college to be equipped with different types of equipment and to ensure the participation of every student. He said that in the present, there is an important role of laboratory for teaching social sciences and language.

Chhatrapati Shahu Ji Maharaj University, Kanpur and the three science academies, Indian Academy of Sciences, Bangalore; NASI Prayagraj; The first refresher course under five-year contract between INSA, New Delhi was organized from 8-23 November 2021 and was efficiently directed by Dr. R.K. Dwivedi, Head of Department of Physics, Christ Church College, Kanpur and Director, College Development Council, Chhatrapati Shahu Ji Maharaj University, Kanpur.

This refresher course was concluded today on 23rd November 2021 in the Centre of Academics of Chhatrapati Shahu Ji Maharaj University. After lighting the lamp, the guests were welcomed by bouquet and shawl. Professor Bristi Mitra, Director of UIET, welcomed all the scholars and guests in the program.

Dr. Rajesh Kumar Dwivedi, Director of the refresher course, while giving his feedback in the closing ceremony, expressed his happiness on the successful completion of all the experiments by all the participants and called upon them to make one experiment in future. He also praised Dr. Manish Dev

Sharma, Panjab University, Chandigarh, Dr. SP Singh, Christ Church College Kanpur, Dr. Satish Chandra and Dr. Dharmendra Pandey, PPN College and Dr. Vishal Awasthi, CSJM University for their collective effort in making the event successful. He also thanked coordinator of this Refresher course Dr. Ram Janma CSJM University for his assistance.

In this two-week course, all the 32 participants were exposed to the principles of the respective experiments in the first 4 days. Thereafter, they were taught to experiment in next 8 days. During the course, each participant group also had to give a presentation of an experiment. All the participants completed all the experiments with great enthusiasm.

In this refresher course, three subject specific lectures were also organized by the experts of Indian Institute of Technology Kanpur. The first is "Various Applications of Superconductivity" by Professor Satyajit Banerjee, the second "Different Dimensions of Nanotechnology" by Dr. Prabhat Dwivedi and the third is "Recent Advancement in Condensed Matter Physics" by Dr. Amit Agarwal. Gave. All the participants were also given a tour of the Nano Center, in which they were informed about the experiments and new equipment.

Giving feedback in the closing program, the participant expressed happiness over their participation in this program and said that it would help them in the field of research.

All the participants, resource person, coordinator and director were presented with a participation certificates and books and insignia by the chief guest.

The ceremonial address of this event was given by the coordinator of the course Dr. Ram Janma. He sent heartfelt thanks to all the guests, teachers, students, staff and all the participants of the course for their untiring cooperation and participation. The program was conducted by Dr. Deepti Agarwal.

Prof. Sanjay Swarnkar
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