

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR-11, CHANDIGARH**

**Department of Physics: Galaxy Society
(Session: 2022-23)**

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Recent advances in Nuclear and Condensed Matter Physics”



Event poster

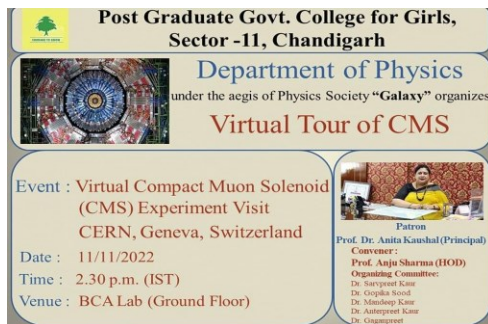
Under the able guidance and dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, the Department of Physics under the aegis of Physics Society, Galaxy organized poster making and oral presentations competition on the theme titled “Recent advances in nuclear and Condensed matter Physics” on 16th September, 2022. The students of B.Sc. (Non-Medical and Computer Science) and M.Sc. Physics enthusiastically participated in this event. This event provided a platform, where participants shared their knowledge in the field of nuclear and condensed matter physics. Around 100 students participated in this event. Judges of the competition encouraged and motivated the students to participate in such events as they are of great help in boosting their morale and confidence



Participants presenting poster and oral presentations

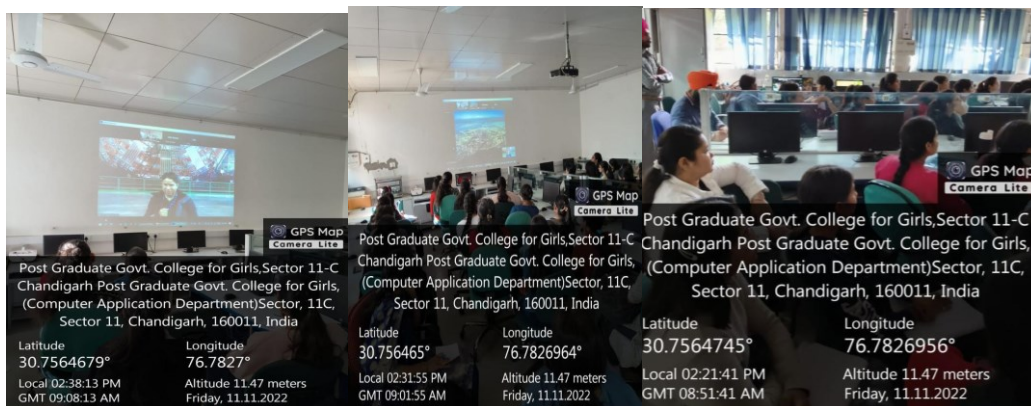
Overall, all participants represented the recent advances in nuclear and condensed matter physics very nicely and in a very informative way. The winners of oral presentations are: Ms. Manju (B.Sc. III Non-Medical) Ist prize, Ms. Kaman and Jahnvi (B.Sc. III Non-Medical) IInd prize. The winners of poster presentations are: Ms. Vaishali (B.Sc. III NM) Ist prize, Ms. Priyanshi (B.Sc. III NM) IInd prize

Virtual Visit to Compact Muon Solenoid (CMS) Experiment, CERN, Geneva, Switzerland



Event poster

Under the able leadership and guidance of our worthy Principal Madam Prof. (Dr.) Anita Kaushal, Department of Physics **under the aegis of Physics Society, “GALAXY”**, organized a **Virtual Compact Muon Solenoid (CMS) Experiment Visit, at 2:30 pm on November 11, 2022**. This visit was in collaboration with CERN, Geneva, Switzerland. In this visit, the students learned about the design and working of the CMS experiment. Through this web-based video event, Dr. Ashok Kumar, Associate Professor in the Department of Physics and Astrophysics, Delhi University and Dr. Varun Sharma, Scientist at University of Wisconsin - Madison, USA explained the different layers of the detector. The students also got an international exposure to the on-going research and advances in the field of Physics, especially Particle Physics. The speakers briefed the technology being used in the detector to search for the new phenomena which will help to answer questions regarding the beginning of the Universe and what it is really made of. Around 50 students of B.Sc. II (Hons.), B.Sc. III (Hons.), M.Sc. 1 and M.Sc. 2 and faculty of the Department of Physics attended the event.



Speaker and students during the virtual tour