

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



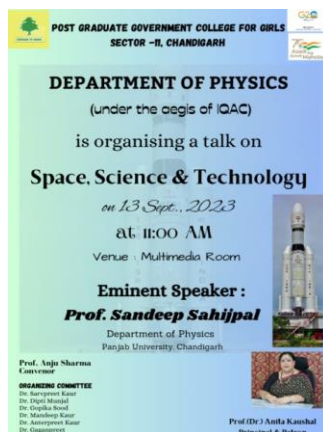
Department of Physics: Galaxy Society

(Session: 2023-24)

INDEX

S. No.	Activity	Date	Page No.
1	Talk on Space, Science & Technology	13 th September, 2023	2
2	Talk on Molecules in High Intensity Strong Laser Fields	16 th February, 2024	3

Talk on Space, Science & Technology



Event Poster

Under the able leadership and guidance of our worthy Principal Madam Prof. (Dr.) Anita Kaushal, **Department of Physics** (under the aegis of IQAC) organized a talk on “**Space Sciences & Technology : An Indian Perspective**”, by **Prof. Sandeep Sahijpal**, Department of Physics, Panjab University, Chandigarh at 11.00 am on September 13, 2023 in the Multimedia Room of PGGCG-11, Chandigarh. The speaker briefly talked about AstroPhysics, Planetary and Atmospheric Sciences. He discussed the Big Bang, formations of the galaxies and evolution of the universe. He also explained the working principle of rockets & construction of space crafts. The different satellites launched by various space agencies of different countries were also discussed. Around 100 students of B.Sc. (NM & CS), M.Sc. Physics and faculty of the Department of Physics attended the event. Prof. (Dr.) Anita Kaushal, Principal of the college, appreciated and said that such talks are really beneficial in igniting spark among the young students.

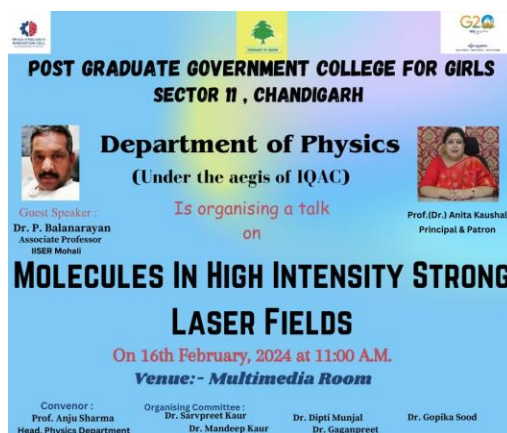


Talk in progress



Enthusiatic Participants

Talk on “Molecules in High Intensity Strong Laser Fields”



Event poster

Under the able guidance and dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, a talk was organized by the Department of Physics, (under the aegis of IQAC) on 16th Feb, 2024. The speaker Dr. P. Balanarayan, Department of Chemical Sciences, IISER, Mohali delivered a talk on “**Molecules in High Intensity Strong Laser Fields**”. HOD of the Physics Dept. welcomed the speaker. Dr. P. Balanarayan has made many contributions in the areas of quantum computing, interaction of atoms and molecules in the presence of strong laser fields. In his talk he has explained the stabilization of atoms and molecules in the presence of strong high intensity LASER fields. The talk was followed by discussion in which the students asked their queries enthusiastically. Around 100 students of B.Sc. (NM & CS), M.Sc. Physics and faculty of the Department of Physics attended the event. Prof. Anju Sharma encouraged and motivated the students to attend such events as they are of great help in boosting their morale and confidence.



Talk in progress



Enthusiastic Participants