

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR-11, CHANDIGARH



COURAGE TO KNOW

Department of Physics :GalaxySociety
(Session :2017-18)

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Principal
Post. Graduate Govt. College for Girls
Sector 11, Chandigarh

Capacity Building Workshop on “Magnificent World of Science”

Capacity Building Workshop on “Magnificent World of Science” under the aegis of RUSA was organized for the Undergraduate and Postgraduate science students on **14th September, 2017**. In this event, Dr. K.P. J Reddy from IISc, Bangalore delivered a talk on “Applications of Shock waves in Science, Engineering and Medicine”. Prof. KPJ Reddy is well known for his invention around the world for his “Reddy Shockwave Tube”. He elaborated that shock waves are produced by sudden release of energy like in explosions or volcanic eruptions, by bodies moving at supersonic speeds, by impact of high- speed projectiles and by laser ablation. He elaborated that shock waves are produced by sudden release of energy like in explosions or volcanic eruptions and by bodies moving at supersonic speeds. Approximately 300 students and about 75 staff members participated in the conference. Dr. Prince Sharma explained a major boost to defence research in the country through TBRL in ensuring total security. About 25 students participated in poster making competition. It was followed by lunch.



Speaker Interacting with Audience



Poster Presentation Session

Two Day International Workshop on “Shock Waves In Science, Engineering And Medicine”

Two Day International Workshop on “Shock Waves In Science, Engineering And Medicine” was organised on **23rd&24thFebruary, 2018** in collaboration with Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi, National Academy of Sciences Allahabad, Armament Research Board DRDO, New Delhi, Shock Waves Society of India Bengaluru and High Energy Materials Society of India (HEMSI), Chandigarh. Eminent professors like Prof. E. Arunan Prof. K.P.J. Reddy, Prof. Gopalan Jagdeesh and Prof. DipshikhaChakravorty delivered talks in this event. In addition to this, Dr. Venkata R. Kakulavarapu (Department of Bio-Medical Engineering, New Jersey, Institute of Technology, USA) and Dr. Frank Lu (Director of Aerodynamics Research Centre- Mechanical and Aerospace, University of Texas at Arlington, U.S.A), shared their knowledge to the participants on areas related to shock waves. The highlight of the workshop was interaction with the students Prof. Frank Lu who was the teacher of Indian NASA Astronaut, Ms. Kalpana Chawla. Approximately 100 students participated in this workshop.



Dignitaries at the Dais during the Session



Speaker addressing the Audience