





❖ **Students Participation in 68<sup>th</sup> DAE-SSPS held at Bhabha Atomic Research Centre, Mumbai (18-22nd December 2024).**

M.Sc. students **Chet Ram, Vaishali Thakur, Bharti Thakur and Pitamber Kumar**, mentored by **Dr. Arun Kumar and Dr. Surjeet Chandel**, presented a paper entitled **“Enhanced photocatalytic performance of MoS<sub>2</sub>/bg-C<sub>3</sub>N<sub>4</sub> Hetero structure for hydrogen Evolution Reaction”** in 68<sup>th</sup> DAE Solid State Physics Symposium, Organised by Bhabha Atomic Research Centre, Mumbai (18-22nd December 2024).

- M.Sc. Students **Satish Kumar, Sanjeev Thakur, Reena Kumari and Monika Gupta**, mentored by **Dr Arun Kumar, Dr Monika Chandel and Ms. Sheetal Dhiman**, presented a paper entitled **“Structural and Electronic properties of Graphullerene and hydrogenated Graphullene”** in 68<sup>th</sup> DAE Solid State Physics Symposium, Organised by Bhabha Atomic Research Centre, Mumbai (18-22nd December 2024).
- M.Sc. Students **Nikhil Kumar, Saransh Chanouria, Deeksha Kumari and Ritika**, mentored by **Dr Arun Kumar and Ms. Sheetal Dhiman**, presented a paper entitled **“MoS<sub>2</sub> Nanostructure for Selective Detection of 2,5-Dimethylefuran: Apotential breath Test Marker for Lung Cancer”** in 68<sup>th</sup> DAE Solid State Physics Symposium, Organised by Bhabha Atomic Research Centre, Mumbai (18-22nd December 2024).
- M.Sc. Students **Ritika Negi, Anjali, Nitika Ranpatia, Diya Sharma**, mentored by **Dr Arun Kumar, Dr Surjeet Chandel and Dr Monika Chandel**, presented a paper entitled **“First Priciples study of Structural and Electronic properties of 2-iodoethylammoniumlead iodide Perovskite”** in 68<sup>th</sup> DAE Solid State Physics Symposium, Organised by Bhabha Atomic Research Centre, Mumbai (18-22nd December 2024).
- M.Sc. Students **Kamal Dev, Manish patial, Ishan Kaundal**, mentored by **Dr Arun Kumar and Dr Monika Chandel**, presented a paper entitled **“Structural, Electronic and Thermal Stability of Janus Silicene monolayers”** in 68<sup>th</sup> DAE Solid State Physics Symposium, Organised by Bhabha Atomic Research Centre, Mumbai (18-22nd December 2024).



  
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