

Sr.No	Name of Research Scholar	Title of PhD Thesis	Date of Enrollment	Funding Agency	Mentor	Status
1.	Ms. Surbhi	Optical, electrical and thermal characterization Ge-Sn-Se chalcogenide system	2011-2017	–	Dr. Amit Sarin	Completed
2.	Ms. Meetu Singh	Impact of radiations on the stability of fuels synthesized from oils	2012-2021	–	Dr. Amit Sarin	Completed
3.	Mr. Amit Sethi	Thermal and optical characterization of Sn-Se-Te glasses doped with Sb and In	2012-2021	–	Dr. Amit Sarin	Completed
4.	Mr. Manish Kumar	A study on Environmental Radioactivity in Jalandhar and Kapurthala district of Punjab with special emphasis on Indoor Radon, Thoron and Progeny Concentration	2015-2019	–	Dr. Amit Sarin	Completed
5.	Ms. Meenakshi	Improving Energetics of Solid State Hydrogen Storage using Carbon Nanostructures using First Principle Calculations	2013-2018	DST-SERB	Dr. Hitesh Sharma	Completed
6.	Mr. Sandeep Kumar	Structural, Electronic & Transport properties of grapheme nanoribbons using DFT	2014-2019	CSIR	Dr. Hitesh Sharma	Completed
7.	Mr. Deepak Agnihotri	Investigation of Functionalized Carbon Nanostructures using density Functional Theory for Hydrogen Storage.	2011-2017	–	Dr. Hitesh Sharma	Completed
8.	Mr. Arun Upamanyu	Study of Photon Atom Interaction process in X-Ray Energy Region and Their Applications in Elemental Analysis	2011-2018	–	Dr. Hitesh Sharma	Completed
9.	Mr. Vivek	To study the Electronic and Optical Properties of HfX ₂ (X= S, Se, Te) based 2D Materials	2021	–	Dr. Hitesh Sharma	Ongoing
10.	Ms. Nikita	MXene based 2D materials	2024	–	Dr. Hitesh Sharma	Ongoing
11.	Ms. Pranati	The addition of nano fillers and ionic salts on Na/Li based thin films for energy storage devices	2024	–	Dr. Amit Sarin	Ongoing
12 .	Mr. Amritpal Singh	Investigation of fusion enhancement and shell effects on fusion for neutron rich systems near the fusion barrier	2024	–	Dr. Varinderjit Singh	Ongoing

S. No	Name of Research Associate/Visiting Scientist	Field of Interest	Mentor	Date of Enrollment
1.	Dr. Neha Kapila Sharma	Working as a Research Associate. Field of interest: Electronic, Magnetic, Photocatalytic, and optical properties of two-dimensional materials for Photocatalytic, Electronic, Spintronic and Solar device applications using DFT simulations.	Dr. Hitesh Sharma	2022-2024
2.	Dr. Rabia Pandit	Working as a DST Women Scientist. Field of interest: Study of interface magnetic interactions in La _{0.7} Sr _{0.3} MnO ₃ /A ₂ LnRuO ₆ heterostructures for spintronics applications.	Dr. Hitesh Sharma	2020-2023