

PG CHEMISTRY (2ND YEAR) RESEARCH PROJECT
ACADEMIC YEAR 2023-24

Sr. no.	Name of Student	Reg. No.	Title of the Research Project	Supervisor
1.	Tanishka Singh	PGCHY/ 2261001	Synthesis, prototropic tautomerism studies of 4-hydroxychromen-2-one carbothiomides and their conversion to carboximidamide and thiazole derivatives	Prof. Ram Pal Chaudhary
2.	Nandini Dutta	PGCHY/ 2261002	Synthesis and Characterization of β -Cyclodextrin Functionalized Magnetic Ionic Liquids	Prof. H.K. Chopra
3.	Vanshika Mittal	PGCHY/ 2261003	Fabrication of Carrageenan Based Nanocomposite Films Using CeO ₂ And Lignin Nanoparticles	Dr. Payal Malik, AP
4.	Anubhav Gupta	PGCHY/ 2261004	Heterojunction Polymeric Materials: Synthesis , Characterization and applications	Prof. Dhiraj Sud
5.	Krishnaben Sanjaybhai Parmar	PGCHY/ 2261005	Synthesis of New Potentially Biologically Active Chiral Ionic Liquids	Prof. H.K. Chopra
6.	Aman Khade	PGCHY/ 2261006	Development of Schiff Base Derived Chemosensor for Metal Ions	Dr. Payal Malik, AP
7.	Saurabh Vijayanand Kamble	PGCHY/ 2261007	Photocatalytic Degradation of Rhodamine-B using Nanocomposite of Reduced Graphene Oxide With Zinc Oxide And Titanium Oxide	Dr. Hemant Kumar, AP
8.	Nayan Sushil Bagde	PGCHY/ 2261008	Synthesis, Spectral Characterization and Application of Chitosan Ammonium Salts	Dr. Himanshu Rani, AP
9.	Vishal Kumar	PGCHY/ 2261009	Comparative Study of Photocatalytic Degradation of Methylene Blue Dye using Silver Oxide@MOF-5	Dr. Hemant Kumar, AP
10.	Aayu Goyal	PGCHY/ 2261010	Hybrid Inorganic Organic Polymeric Materials for Removal of RhodamineB	Prof. Dhiraj Sud
11.	Alkka Benny	PGCHY/ 2261011	Neat Mechanochemical Synthesis of Chitosan Based Schiff Bases as Fluoroprobe for Heavy Metal Detection	Prof. Dhiraj Sud
12.	Anjali	PGCHY/ 2261012	Comparative Photo-physical Studies of Carbothioamides and Carboxamides of Meldrum Acid	Prof. Ram Pal Chaudhary
13.	Bhagyashree Shivpal Fulzele	PGCHY/ 2261014	Chalcones: Synthesis, Spectral Investigation, Antioxidant Activity and Its Aniline Derivatives	Dr. Himanshu Rani, AP
14.	Atul Kumar Sharma	PGCHY/ 2261024	Fire Resistance of Wood Impregnated with Ionic Liquids	Prof. H.K. Chopra
15.	Harpreet Kaur	PGCHY/ 2261027	Synthesis and Characterization of 4H-Chromeno[3,4-d] Isoxazole form(E)-3-(Dimethylamino)Methylene) Chroman-4one	Prof. Ram Pal Chaudhary