

**POST GRADUATE DEPARTMENT OF CHEMISTRY,  
UNIVERSITY OF JAMMU, JAMMU.**

**Research Projects (completed between 2018-2023)**

S. No.	Name of the faculty member	Title of the project approved	Amount Sanctioned (Rs.)	Name of Funding Agency
1.	Prof. Meena Sharma	Solution Chemistry	4.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
2.	Prof. S.K. Pandey	Synthesis, Structural Elucidation and Applications of Substituted Diphenyldithiophosphate Complexes of Some Transition and Non-Transition Elements	3.95 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
3.	Prof. K.K. Kapoor	Design, synthesis of styrylquinoxalinones and their rigidified analogs as anti-alzheimer agents	4.25 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
4.	Prof. H.N. Sheikh	Synthesis of Nanocomposites of Rare Earth Doped Lanthanide Fluorides and Graphene/Modified and their Applications	4.50 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
5.	Prof. Satya Paul	Development of metal nanoparticles supported heterogeneous catalysts for organic transformations	4.20 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
6.	Prof. D.S. Sambyal	Nano crystalline/bulb 3d metal based mixed metal oxides synthesized by different combustion methods: Magnetic and catalytic properties	4.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
7.	Prof. R.K. Bamezai	Physico-chemical studies of ionic liquids with biomolecules and drugs	4.10 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
8.	Dr. Monika Gupta	Synthesis, characterization and applications of magnetically separable heterogeneous nanocatalysts and their catalytic potential in organic transformations	1.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
9.	Dr. Ashwani Kumar	Physicochemical studies of some drugs with deep eutectic solvents (DESs) in aqueous medium	1.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
10.	Dr. Monika Gupta	Fabrication, characterization of modified grapheme based nanocatalysts and investigation of their catalytic potential in organic transformation	9.83 lakh	JKST&IC
11.	Prof. K.K. Kapoor	Design and synthesis of quinoxalinoidspiropyrrrolizine /pyrrolidine by [3+2] cycloaddition for anti-cancer evaluation	2.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
12.	Prof. H.N. Sheikh	"Synthesis, characterization and application of functional Lanthanide-Metal-Organic Frameworks	2.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
13.	Dr. Monika Gupta	Designing of recyclable titania based nanomaterials and their applications in synthesis of heterocycles	2.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu
14.	Dr. Ashwani Kumar	Volumeiric, acoustic and viscometric investigations of some protein model components in aqueous solutions of drugs at various temperatures	2.00 lakh	Research & Seed Grant, RUSA 2.0 Univ. of Jammu