

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

Research Projects (ongoing)

S. No.	Name of the faculty member	Title of the project approved	Amount Sanctioned (Rs.)	Name of Funding Agency
1.	Prof. H.N. Sheikh	Development of Luminescent Lanthanide-Coordination Polymers/Metal organic Frameworks as Chemical Sensors	8.20 lakh	JKST&IC
2.	Dr. Ashwani Kumar	Temperature dependent physicochemical studies of citrates/tartrates in aqueous solutions of ionic liquids	7.30 lakh	JKST&IC
3.	Prof. D.S. Sambyal	Synthesis of photo-catalytically active nano-crystalline mixed oxides and their applications in the removal of organic dyes for environmental remedies	8.85 lakh	JKST&IC
4.	Prof. K.K. Kapoor	Synthesis of hybrid molecules based on styrylquinoxalinones, donepezil and other bio-active heterocyclic compounds as anti-Alzheimer agents	9.30 lakh	JKST&IC
5.	Prof. S.K. Pandey	New metal complexes with phosphor-I, I-dithiolate ligands; Synthesis, characterization and application	8.25 lakh	JKST&IC
6.	Prof. Satya Paul	Development of supported metal organic frameworks for removal of pollutants from waste water; and their applications in organic synthesis	8.90 lakh	JKST&IC
7.	Prof. Sanjana Kaul and Prof. Kamal K. Kapoor	Prospecting fungal endophytes of selected ethnomedicinal plants for bioactive metabolites	49.86 lakh	DBT,GOI
8.	Prof. Kamal K Kapoor	Design, synthesis and biological applications of next generation cyanoimidazopyridine based fluorescent chemosensors	39.08 lakh	SERB-DST
9.	Dr. Ashwani Kumar	A comprehensive study on molecular interactions of some organic salts in aqueous solutions of ionic liquids at varying temperatures and compositions: Spectroscopic, thermodynamic and theoretical insights	38.62 lakh	SERB-DST