



### 3.1.2 List of faculty who have been provided with seed money for research along with the title of the project, duration and Amount year-wise

Session: 2019-20: Total number 13

Name of Faculty recipient of Seed money	Title of the Project	Duration	Amount granted (INR in Lakhs)	Session
Dr. Keshav Walia	Nonlinear Interaction of high power laser beams with Plasmas	1 Year	5	2019-20
Dr. Sandeep Kumar	Synthesis of Characterization of modified titanium dioxide nanoparticles for photocatalytic applications	1 Year	5	2019-20
Dr. Praveen Kumar	Synthesis and characterization of grapheme/semiconductor based layered nanocomposites as low cost photodetectors	1 Year	5	2019-20
Dr. Ankush Gupta	A search for new building blocks for sensing applications and evaluation of their aggregation behavior	1 Year	5	2019-20
Dr. Ahmad Husain	Metal-organic Polyhedra for the optically responsive capture and release of guest molecules	1 Year	5	2019-20
Dr. Nisha Devi	Design and Synthesis of Biologically active Indole fused/tethered hetrocyclic frameworks via Groebke-Blackburn-Bienayme Multicomponent approach	1 Year	5	2019-20
Dr. Ashutosh Sharma	Role of vermicompost leachate in salt stress management in poor men's pulse horsegram using morphological, biochemical and molecular approaches	1 Year	5	2019-20
Dr. Geetanjali	Bioremediation of PAH contaminated soils	1 Year	5	2019-20
Dr. Rahul Mehta	To understand the mechanism of antimicrobial resistance (AR) by comparison of plasmid profiles of resistant and sensitive bacterial strains	1 Year	5	2019-20

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Dr. Rashmi Sharma	Antagonistic potential of bacterial isolates from potato rhizosphere and their biosynthesized copper nanoparticles against late blight pathogen phytophthora infestans	1 Year	5	2019-20
Dr. Vijayta Taneja	Out migration from Punjab to Canada	1 Year	5	2019-20
Dr. Jasbir Rishi	Gratitude in relation to the Psychological wellbeing and happiness among university students	1 Year	5	2019-20
Dr. Gurdeep Singh	Investigation the mechanical and metallurgical properties of dissimilar material welding of AISI 304 stainless steel and low carbon steel using Gtaw process	1 Year	5	2019-20

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