



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: 2018-19: Total number 21

Name of Faculty recipient of Seed money	Title of the Project	Duration	Amount granted (INR in Lakhs)	Session
Dr. Samriti Khosla	The Role of Nanoparticles in Modifying the Optical Properties of Liquid Crystals	1 Year	3	2018-19
Dr. Lakhmir Singh	The Impact of Biotechnology on Precision Medicine: Tailoring Treatments to Genetic Profiles	1 Year	3	2018-19
Dr. Rupender Siyal	Characterization of Protein-Ligand Interactions Using Biophysical and Computational Methods	1 Year	3	2018-19
Dr. Sukhdeep Kumar	Understanding the Biochemistry of Antioxidants and Their Role in Cellular Protection Against Oxidative Stress	1 Year	3	2018-19
Dr. Karan Paul	Exploring the Mechanisms of Protein Misfolding and Aggregation in Neurodegenerative Diseases	1 Year	3	2018-19
Dr. Anju Pathania	Exploring the Use of Drone Technology for Crop Monitoring and Precision Farming	1 Year	3	2018-19
Dr. Preeti Solanki	Assessing the Potential of CRISPR Technology in Developing Drought-Resistant Crops	1 Year	3	2018-19
Dr. Sankalp Arora	Optimizing Hyper parameters in Neural Networks: A Comparative Study of Automated Techniques	1 Year	3	2018-19
Dr. Harpreet Singh	Explainable AI: Methods and Applications for Interpretable Machine Learning Models	1 Year	3	2018-19

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Dr. Aditi Sharma	Green Synthesis of silver nanoparticles from Ocimum sanctum leaf extracts and its bioefficacy against Alternaria and Rhizoctonia spp	1 Year	3	2018-19
Dr. Rajesh Khanna	Exploring the Performance of Hybrid Electric Vehicles Through Advanced Powertrain Modeling	1 Year	3	2018-19
Dr. Ramandeep Singh	Integrating Machine Learning Techniques with Mechanical Systems for Predictive Maintenance	1 Year	3	2018-19
Dr. Sarika Verma	Invariant Theory: Studying Symmetries and Their Impact on Algebraic Structures	1 Year	3	2018-19
Dr. Mohit Sharma	The Potential of Gene Therapy in Treating Genetic Disorders: Current Challenges and Future Prospects	1 Year	3	2018-19
Dr. Vikas Sharma	Investigating the Use of Plant-Based Platforms for the Production of Pharmaceutical Proteins	1 Year	3	2018-19
Dr. Nirja Kumari	Studying the Role of Mycorrhizal Fungi in Plant Nutrition and Soil Health	1 Year	3	2018-19
Dr. Saloni Raheja	Exploring the Impact of Leadership Styles on Employee Engagement and Organizational Performance	1 Year	3	2018-19
Dr. Garima Baluja	The Impact of ESG Factors on Corporate Financial Performance: A Quantitative Analysis	1 Year	3	2018-19
Dr. Shelly Garg	The Role of Algebraic Geometry in Understanding Elliptic Curves and Their Applications	1 Year	3	2018-19
Dr. Suraj Goyal	Algebraic Structures in Coding Theory: Enhancing Error Detection and Correction Techniques	1 Year	3	2018-19
Dr. Kapil Chaudaha	Literary Representation of Climate Change: Analyzing Environmental Themes in Contemporary English Literature	1 Year	2	2018-19

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