



### 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: 2020-21: Total number 11

Name of Faculty recipient of Seed money	Title of the Project	Duration	Amount granted (INR in Lakhs)	Session
Dr. Praveen Guleria	Evaluating the potential of naringenin towards global climate change adaptations in mungbean	1 Year	5	2020-21
Dr. Sapna Sethi	Synthesis of hydrogel nanocomposites using chitosan and gelatin as a hybrid backbone and nanoparticles of titanium oxide, zinc oxide, iron oxide, magnesium oxide and their applications	1 Year	5	2020-21
Dr. Rekha Gaba	Study of intermolecular interactions in mixtures of ionic liquid and amino acids	1 Year	5	2020-21
Dr. Akshay Kumar	Organocatalyzed Synthesis of highly functionalized new 3,3'-Disubstituted-2 Oxinodoles: a Class of potential Bioactive molecules	1 Year	5	2020-21
Dr. Pushpinder Singh	Design and Synthesis of Tetrazole with Tetrahydro- $\beta$ -Carbolines/Tetrahydroisoquinolines Skeleton Via 1,3-Dipolar cycloaddition	1 Year	5	2020-21
Dr. Nisha Devi	Design and Synthesis of Biologically active Indole fused/tethered hetrocyclic frameworks via Groebke-Blackburn-Bienayme Multicomponent approach	1 Year	5	2020-21
Dr. Daljit Kaur	Photocatalytic degradation of wastewater effluents by transition metal chalcogenide-oxide composites	1 Year	5	2020-21
Dr. Mamta Rani	Optimization Study of less toxic and Stable perovskite solar cell material: An alternative to methylammonium lead halide	1 Year	5	2020-21
Mr. Pranjal	Greening Punjab creating a policy document for increasing the green cover of Punjab through multiple public-private partnership model	1 Year	5	2020-21

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Dr. Arvind Mahindru	Malware Detention in Smartphones using machine learning techniques	1 Year	5	2020-21
Dr. Rahul Kumar	Development of patentable DNA extraction protocol in Mucilage rich vegetables and other crops	1 Year	5	2020-21

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