

Research Cell
Shivaji College
Intramural Research Scheme
Ongoing Minor Research Projects - I
Sanction Year: 2020-2021

S. No.	File No.	Principal Investigators	Title of the Project	Students	Sanction Order Details	Date of Start
1	MRP/2020/0001	Dr Kiran Bamel & Dr Neetu Rani	Yield Estimation of Baby Corn (Zea Mays L.) using Mathematical Modelling	1. Sumit Kumar Pathak 2. Rishta Nandini 3. Sara Gahlot 4. Divyansh Gupta 5. NandiniSingh 6. Abhinav Shukla	SH/Admn/142/21 Dated 08.02.2021	09.02.2021
2	MRP/2020/0002	Dr Arun Vir Singh & Dr Harsh Yadav	Low cost experimental setup for the determination of dielectric constant using parallel plate capacitor technique	1. Neha 2. Shourya Gautam 3. Himanshu Chauhan 4. Kumar Chandranshu 5. Amit Chaudhary	SH/Admn/77/21 Dated 22.01.2021	23.01.2021
3	MRP/2021/0004	Ms Bharti & Dr Preetika Dhawan	Tracing the Terrestrial – Remote Operated Spy Robot with Joystick Steering Control System	1. Venu Gopal Arora 2. Himanshu Yadav 3. Abhay Kr. Singh 4. Mohd Towha 5. Kartik 6. Rohit Tomar	SH/Admn/247/21 Dated 25.02.2021	26.02.2021
4	MRP/2021/0005	Dr Kiran & Ms Deepti	Study of Socio-Economic Impact of COVID-19 using Mathematical Modelling and Data Analytics Techniques	1. Anu Kriti Tripathi 2. Shefali Karla 3. Udit 4. Piyush Dahiya 5. Suyesh Pathak	SH/Admn/246/21 Dated 25.02.2021	26.02.2021
5	MRP/2021/0007	Dr T. S. Rana & Dr Bharat Ratnu	Pattern and consequences of climate change on agriculture: a micro level study of two villages in Haryana	1. Khushi Kaushik 2. Rozina Akhtar 3. Khushwant Kakran 4. Manoj 5. Tamanna 6. Nikita	SH/Admn/245/21 Dated 25.02.2021	26.02.2021
6	MRP/2021/0008	Ms Nimita Kant & Dr Jitendra Chaudhury	Genomic, structural and mutational analysis of SARS-CoV-2 using in silico approach	1. Adyasha Rout 2. Abhishekh 3. Ishika Panchal 4. Shamashree 5. Lagan	SH/Admn/248/21 Dated 25.02.2021	26.02.2021
7	MRP/2021/0009	Dr Deepika & Dr Nidhi	Synthesis and characterization of multifunctional ZnO nanoparticles for biomedical, piezoelectric and ferroelectric applications	1. Mitali Kapoor 2. Niraj 3. Nipun Sareen 4. Yashika Kataria 5. Mayank	SH/Admn/244/21 Dated 25.02.2021	26.02.2021

Beneficiary from the scheme

S. No.	Beneficiaries	Number
1.	Students	38
2.	Teachers	14
Total		52