

List of Research Development Projects sanctioned for funding during the year 2021-22.

Sr. No.	Name of the Project Investigator /Designation	Title/Duration/Budget
1.	Dr. Hari Mohan, Assistant Professor, Centre for Medical Biotechnology, Maharshi Dayanand University, Rohtak,	Development of Point of care sensor for detection of Hemorrhagic Septicemia in bovine Duration : 3 years Budget: 1700000/-
2.	Dr. Manoj Kumar, Assistant Professor, Livestock Farm Complex, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar	Molecular interventions to improve reproductive efficiency in Murrah buffaloes Duration : 2 years Budget: 1100000/-
3.	Dr. Swati Dahiya, Scientist, Veterinary Microbiology, Regional Research Center on FMD, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar	Production and Characterization of Foot-and-Mouth Disease Virus Specific Nanobodies for Application as Diagnostic Reagents Duration : 3 years Budget: 1600000/-
4.	Dr. Sunita Dalal, Associate Professor., Biotechnology, Kurukshetra University, Kurukshetra	Production of Microbial Silicases for dissolution of silica in Rice Straw for value addition. Duration : 3 Years Budget: 1400000/-
5.	Rajan, Assistant Professor, MMCP, Pharmaceuticals, Maharishi Markandeshwar College of Pharmacy, MMU, Mullana	Amphotericin B Loaded Bile Salt Stabilised Solid Lipid Nanoparticles for Management of COVID related conditions Mucormycosis (Black Fungus) Duration : 3 years Budget: 1700000/-
6.	Sushila Maan, Professor and Head, Animal Biotechnology, College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary	Development of field based diagnostics for Porcine Viral Pathogens and their Molecular Epidemiology Duration : 3 years Budget: 1700000/-
7.	Anurag Gaur, Associate Professor, Department of Physics, J. C. Bose University of Science & Technology, Faridabad	Development of Paani Ki Battery to produce green energy for sustainable growth of rural areas Duration : 3 Years Budget: 1700000/-
8.	Dr. Darshna Chaudhary, Assistant Professor, Center for Biotechnology, Plant Genetic Laboratory M. D. University, Rohtak,	Nanomaterials-mediated topical delivery of RNAi cargo for sustained protection of food legumes against whitefly Bemisia tabaci and the virus they transmit Duration : 3 years Budget: 1800000/-
9.	Rashi Gupta, Assistant Professor, Physics, J.C. Bose University of Science and Technology, YMCA, Faridabad,	Synthesis of diverse group of growth morphologies of ZnO nano-/micro-structures in search of gigantic piezoelectric response and for their practical application in mechanical energy harvesting Duration : 3 Years Budget: 1800000/-

10.	Ravi Kumar, Associate Professor, Deptt. of Chemistry J C Bose University of Science and Technology, YMCA, Faridabad	Oxidative Catalysis and Synthesis of COVID-19 Drug Candidates/Precursors using Iodine incorporated Metal-Organic Frameworks (MOFs) Duration : 3 Years Budget: 1800000/-
11.	Sangeeta kamboj, Assistant Professor, Electrical and Instrumentation, Thapar Institute of Engineering and Technology, Patiala,	Design and development of simulation platform and workbench for artificial pancreas in type 1 diabetes Duration : 3 years Budget: 1800000/-
12.	Sanjeev Goyal, Associate Professor, Mechanical, J C Bose University of Science and Technology, YMCA, Faridabad,	Design and Fabrication of Manually Operated Agriculture Waste Briquetting Machine: A Business Model for Self Help Groups (SHGs) Duration : 3 Years Budget: 1400000/-