

List of Projects in the last 5 years					Sanctioned Amount=768.8 lakhs	
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Amount Sanctioned (in rupees)	Duration of the project	Name of the Funding Agency	National/International
2020-2021						
Understanding the role of Ser/Thr protein kinases in the regulation of toxin-antitoxin loci in Mycobacterium tuberculosis	Vandana Malhotra	Biochemistry	12386270	3 years (2021-2024)	Department of Biotechnology (DBT), Government of India	National
Scientific monitoring of reforestation project at Barapullah Drain area	Vartika Mathur	Zoology	1925000	3 years (2021-2024)	Indraprastha Gas Limited (IGL)	National
Determination of trail-following pheromone and mechanism of the function of gut microbiome of termites	Vartika Mathur	Zoology	917400	3 years (2021-2024)	Indo-Uzbekistan Joint Project-Department of Science & Technology (DST), Government	International
Microbial communities in changing climatic regime: Analysis of primary and secondary risk factors	Vartika Mathur and Pooja Gokhale Sinha	Zoology/Botany	4323800	2 years (2021-2023)	Ministry of Environment, Forestry and Climate Change (MoEF&CC)	National
Nanodos- Synthesis of nano-phosphors and spin-trapping nano-crystals as energy-independent dosimeters for radiotherapy beams (Indo-Norwegian Joint Research	Anant Pandey	Physics	3255211	3 years (2020-2023)	Department of Science & Technology (DST), Government of India	International
Total (2020-2021)			22807681	228 Lakhs		
2019-2020						
Synthesis of nanophosphor dosimeters for ion beams	Anant Pandey	Physics	1011000	3 years (2020-2023)	Inter-University Accelerator Centre, New Delhi	National
Development of Thiourea Derivatives as Antiviral Agents For Hepatitis B Virus Infection	Deepthi Sharma	Chemistry	9703893	3 years (2019-2022)	Department of Biotechnology (DBT), Government of India	National
Bush frogs of the Western Ghats of the Biodiversity spot (Atlas Project)	Robin Suyesh	Environmental Sciences	326537	2 years (2019 - 2021)	Springer Nature Singapore Pvt. Ltd. (Atlas Project)	International
Total (2019-2020)			11041430	110 lakhs		
2018-2019						
Temporal synchrony of plant and its endophytes in insect stress responses	Vartika Mathur	Zoology	3518521	3 years (2018-2021)	SERB, DST (ECRA)	National
Combined computational and experimental approaches for recombinant production of pectate lyase major allergens	N. Latha	Biochemistry	860000	2 years (2019-21)	DST India-Austria	International
Computational studies of drug targets towards rational design of antiviral therapeutics for dengue infection	N. Latha and Nimisha Sinha	Biochemistry	1095000	3 years (2019-22)	DST India-Thailand	International
Total (2018-2019)			5473521	54.7 lakhs		

2017-2018

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Sustainable Tourism and Revival/ Preservation of Hill Cultures and Ecology in abandoned villages of Uttarakhand: A pilot project	Nirmal Kumar, M.Jeevan, Rajbir Kaur, Rajni Chandiwal, Nuti Namita,	History	5000000	3 years (with further extension of	National Mission on Himalayan Studies (NMHS) G.B. Pant National Institute of Himalayan	National
Study on isolation, enumeration and identification of bacteria from the indoor air conditioning system	Vartika Mathur	Zoology	12500	1 year (2017-2018)	Eureka Forbes (Consultancy Project)	National
Cost Efficient Trend Free Designs	Veena Budhraj, Puja Thapliyal	Statistics	1790000	3 years (2017-2020)	Department of Science and Technology, Government of India	National
Contemporary environmental movements in India: a comparative study of the Swachh Bharat Abhiyan and the Anti-pollution drive in Delhi	Padma Priyadarshini	Sociology	200000	1 year (2017-2018)	Indian Council for Social Science Research	National
Race and Gender in the Making of Early Twentieth Century Europe : The case of Nazi Germany	Vandana Joshi	History	84900	1 year (2017-2018)	University Grants Commission Minor Research Grant	National
The issue of infiltrators and refugees in North East India	Deepika Singh(Co-PI)	Political Science	2340000	3 years (2018-2021)	Indian Council of Social Science Research (ICSSR)	National
Creation of Bioinformatics Infrastructure Facility (BIF) for the promotion of Biology Teaching through Bioinformatics (BTBI) scheme of BTISnet	N. Latha	Biochemistry	5430000	3 years (2017-2020)	DBT-BTISNET	National
Effect of tap water and DR. Aquaguard water with Biotron on agriculture crops	Vartika Mathur	Zoology	12500	1 month	Eureka Forbes (Consultancy Project)	National
Evaluation of PISOM, a plant growth regulator for Agricultural Crops.	Vartika Mathur	Zoology	50000	1 month	PI Industries (Consultancy Project)	National
Total (2017-2018)			14919900	149 lakhs		

2016-2017

DBT Star college Scheme	P. Hemalatha Reddy (Ex-Principal)	Biochemistry, Biotechnology, Botany, Chemistry, Physics,	7750000	3 years (2016-2019)	Department of Biotechnology (DBT), Government of India	National
Molecular approach: induced responses in <i>Lycopersicon esculantum</i> after sequential challenge with <i>Trichoderma</i> sp. and <i>Spodoptera litura</i>	Vartika Mathur	Zoology	270000	6 months (2016-2017)	NAM S&T Centre, Govt. of India, Indo- Myanmar collaboration to host a post doc student from	National
Quantifying Qawwali: A Study of Qawwali Singers in India	Nirmal Kumar	History	300000	1 year (2016-17)	Sangeet Natak Akademi, New Delhi, Ministry of Culture, Government of India	National
Network Analysis in Systems Biology of Neurological Disorders	N. Latha	Biochemistry	2500000	3 years (2016-2019)	DU-CIC Star Innovation Project	National

Delayed Sleep Phase Disorder (DSPD): A Public Health Initiative -Targeting Youth in Urban Areas Creating Socio-Legal Awareness & Development of a Rapid Mobile	Nandita Narayanasamy and Vandana Malhotra	Biochemistry	2500000	3 years (2016-2019)	DU-CIC Star Innovation Project	National
In situ conservation of biodiversity with special reference to medicinal plants through Plant Tissue culture	Neeti Mehla	Botany	2400000	3 years (2016-2019)	DU-CIC Star Innovation Project	National
Study Of Time Domain Phenomena In Astrophysics Using A Telescope	Lalita Josyula/ Kunal Srivastava	Electronics	2400000	3 years (2016-2019)	DU-CIC Star Innovation Project	National
To Develop Novel FRET-based tools to detect in vivo localization & phosphorylation of M. tb Signaling proteins.	Vandana Malhotra	Biochemistry	2014000	3 years (2016-2019)	DU-CIC Star Innovation Project	National
Deciphering the tumor suppressor function of miR-137 in glioblastoma tumors by proteomics approach.	Ravindra Varma Polisetty	Biochemistry	4775000	3 years (2017-2020)	Science & Engineering Research Board (SERB) under Early career research scheme	National
Fortification of Indian mustard by growth promoting bacteria through priming	Vartika Mathur	Zoology	2300000	3 years (2014-2017)	SERB, DST (Start-up research grant for Young Scientists)	National
High-throughput substrate profiling of Mycobacterium tuberculosis Ser/Thr protein kinase K	Vandana Malhotra	Biochemistry	4565315	3 years (2015-2018)	Bio-CARE" Women Scientist Scheme, Department of Biotechnology	National
Towards improving yield in rice (Oryza sativa) by Genetic Manipulation of Ghd7 gene	Neeti Mehla	Botany	1400000	3 years (2014-2017)	SERB, DST	National
Ferroelectric and Piezoelectric properties of modified Barium Titanate ceramics	K. Chandramani Singh	Physics	2844000	3 years (2015-2018)	Department of Science & Technology (DST), Government of India	National
Synthesis and characterization of energy independent thermoluminescent materials for dosimetry of ion beams	Anant Pandey	Physics	1011000	3 years (2015-2018)	Inter-University Accelerator Centre, New Delhi	National
The symbiotic microflora of chewing folivorous lepidopterans and its interaction with entomopathogenic microorganisms	Amit Vashishtha (Co-PI)	Botany	3397400	2 years (2016-2018)	Department of Science & Technology (DST), Government of India	National
Role of Infrastructural and Energy Cooperation between India and Myanmar: Case Study of Kaladan Multi Modal Project (Book Project)	Deepika Singh	Political Science	500000	3 years (2017-2021)	Indian Council of World Affairs (ICWA)	National

Total (2016-2017)

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409 lakhs