

SPONSORED PROJECTS
(EXTRA MURAL GRANTS) Since 2013 Till Date

S. No.	Name of the Principal Investigator	Name of the Department	Project Title	Funding/ Sponsoring Agency	Status (Ongoing/ Completed)	Start Date	End Date	Total Amount Sanctioned Rs. (Lacs)
1.	Prof. (Dr.) Safiullah Khan	Architecture	Kath Kuni: A Vanishing Style at Kullu, India	Endangered Wooden Architecture Program (EWAP)	Ongoing	17-02-2025	16-02-2026	15.00
2.	Dr Faria Fatima	Agriculture, IIAST	Assesment of Microbial biodiversity in Forest Ecosystems of Dudhwa Tiger reserve, Lakhimpur Khiri	UP State Biodiversity Board	Ongoing	16-01-2025	16-01-2026	4.85
3.	Prof. H.M. Arif, Dr. Aareena Nazneen	Languages	Social Audit of Elementary Schools	State Project Office, U.P.	Ongoing	17-05-2025	16-05-2028	380
4.	Prof. Mohd. Haris Siddiqui	Agriculture, IIAST	Assessment of Microbial Biodiversity in Forest Ecosystems of Pilibhit Tiger Reserve, Pilibhit	UP State Biodiversity Board	Ongoing	16-01-2025	15-01-2028	4.90
5.	Dr. Syed Saema	Environmental Science	In vitro secondary metabolite Production through Hairy Root Cultures in Enicostemma axillare -an important medicinal plant	Council of Science & technology UP(CSTUP)	Ongoing	14-08-2024	14-08-2027	11.86
6.	Dr. Mohammad Rumman	Biosciences	Investigating the role of Icariside II (ICSII) in Parkinson's Disease model	UP Council of Science & Technology (UP-CST)	Ongoing	14-08-2024	14-08-2027	15.36
7.	Mr Merajuddin	Computer Sci & Engg	Development of Smart Pharmacy Inventory Management system using IoT Automation	Save on Pharmacy	Ongoing	22/11/2024	21-11-2027	1.00
8.	Dr Deepti Srivastava	Agriculture, IIAST	“Collection, evaluation and characterization of pigeon pea germplasm (wild/landraces/varieties) for climate resilient traits to secure nutritional security in Uttar Pradesh State of India”	Up State Biodiversity Board	Ongoing	11-11-2024	10-11-2026	4.72

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9.	Dr. Snober S Mir (BS)	Biosciences	Elucidation of Hsp 90 inhibition in combination with repurposed drug Metformin as a therapeutic strategy against lung cancer.	Science & Engineering Research Board (SERB), Department of Science & Technology (DST)	Ongoing	11-09-2023	10-09-2026	36.45
10.	Dr Salman Khan (BS)	Biosciences	An approach towards improving care for Alzheimer's disease and type 2 Diabetes mellitus through the design of nano-chaperones targeting amyloid-beta peptide and islet amyloid polypeptide aggregation	Science & Engineering Research Board (SERB), Department of Science & Technology (DST)	Ongoing	09-19-2023	12-17-2026	25.56
11.	Dr Mohd Khubaib	Biosciences	Unraveling the functional cooperation between Ubiquitin- protease pathway and Xenophagy (Selective autophagy): Role of Toxin-Antitoxin (TA) family proteins of Mycobacterium tuberculosis"	Council of Science and Technology (CSTUP), Uttar Pradesh	Ongoing	04-17-2023	11-14-2025	13.44
12.	Dr.Salman Akhtar	Bioengineering	Structure based virtual screening, molecular docking and simulation studies of quinazoline derivatives for their anti-EGFR activity inhibiting tumor angiogenesis	Indian Council of Medical Research (ICMR), Government of India	Ongoing	06-07-2022	05-07-2025	15.46
13.	Prof. Iffat Zareen Ahmad	Bioengineering	Study and validation of the anticancer potential of prominent Unani medicines and their nano formulations as an adjuvant against liver carcinoma	CCRUM, Ministry of AUSH, Government of India	Ongoing	16-11-2022	15-11-2025	28.28
14.	Dr. Kuldeep Singh	Pharmacy	Design, synthesis and biological evaluation of novel benzopyran derivatives as antitubercular agents	Council of Science & technology UP(CSTUP)	Ongoing	26-08-2022	26-08-2025	10.44
15.	Dr. Amita Dubey (BS)	Biosciences	Exploring the role of cytochrome P450 monooxygenases in sennoside biosynthetic pathway of <i>Senna alexandrina</i> Mill.	Science & Engineering Research Board (SERB), Department of	Completed	27-12-21	26-03-2024	29.76

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				Science & Technology (DST)				
16.	Dr Rolee Sharma (BS)	Biosciences	Investigating the role LAP activation by Nano rifabutin loaded glucan particles in killing Mycobacterium within human macrophage	Science & Engineering Research Board (SERB), Department of Science & Technology (DST)	Completed	01-03-2020	01-03-2023	29.70
17.	Dr M Salman Khan (BS)	Biosciences	Targeting proprotein convertase Subtilisin/Kexin Type-9 via natural organosulfur compounds to combat hypercholesterolemia: A molecular mechanistic approach	MOHFW	Completed	04-17-2019	04-17-2022	35.58
18.	Biosciences	Biosciences	Sponsored Lab IU (DST-FIST)	DST-FIST	Completed	2018	2023	57.00
19.	Dr Swati (BS)	Biosciences	New insights into identification of acdS gene and Bioinoculant formulation of ACC deaminase producing bacteria ameliorating salt stress for enhancing plant growth and development	Council of Science and Technology (CSTUP), Uttar Pradesh	Completed	12-11-2017	03-25-2022	10.44
20.	Dr. M. Sajid Khan (BS)	Biosciences	Inorganic nanoparticles mediated specific site directed drug delivery to the prostate cancer cells	UPCST	Completed	23-05-2016	23-05-2019	10.44
21.	Dr. Snober S. Mir (BS)	Biosciences	Role of p53 aggregation in dysregulation of autophagy: Implications for tumorigenesis and targeted therapy.	SERB-YSS	Completed	04-22-2016	04-20--2019	26.59
22.	Dr. Saheem Ahmad (BS)	Biosciences	Immunochemical studies on glycated human serum albumin and low density lipo-protein by reactive dicarbonyls;	SERB-YSS	Completed	01-08-2015	07-31-2018	26.00

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			possible role as diagnostic and prognostic markers in diabetes & associated diseases; A step ahead to inhibit the glycation menace					
23.	Dr. Irfan Ahmad Ansari (BS)	Biosciences	A Study to Investigate the Effect of Organosulfur Compounds of Garlic (<i>Allium sativum</i>) on the Expression of Different Proteins including HPV E6 and E7 involved in the Pathogenesis of Cervical Cancer	UP-CST	Completed	08-01-2015	31-07-2018	10.44
24.	Dr. Priti Bajpai (BS)	Biosciences	A novel prophylactic approach exploiting the innate immune mediators as a promising adjuvant for vaccine against Visceral Leishmaniasis.	SERB-YS	Completed	11-18-2015	11-18-2018	25.30
25.	Dr. Priti Bajpai (BS)	Biosciences	Elucidation of Jab1-RNAi role in inducing apoptosis by enhancing p27 expression in gall bladder carcinoma	DST-WOS A	Completed	06-30-2015	09-07-2018	13.36
26.	Dr. Saheem Ahmad (BS)	Biosciences	Immunochemical studies of lipo-protein glycation: Role of Ellagic acid, a new antiglycating agent; in the inhibition of glycation and diabetes mellitus	UP-CST	Completed	01-08-2015	07-31-2018	10.44
27.	Dr. Saheem Ahmad (BS)	Biosciences	A promising chipping in of advanced glycation end products in the pathogenesis of cancer: A novel multifunctional nanoassemblies N-glycosylated and N-homocysteinyllated forms of albumin for detecting and treating cancer	DBT (Indo Russian)	Completed	01-12-2014	11-30-2017	71.50
28.	Dr. Snober S. Mir (BS)	Biosciences	Role of Molecular Chaperones and p53 in Targeting of Client proteins to Autophagy	DBT	Completed	17-07-2013	17-07-2016	32.82

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29.	Dr. Alvina Farooqui	Bioengineering	Development of Novel Screening System Employing Cyanobacteria for Toxicity Studies of Metallic Nanoparticles	UP-CST	Completed	09-08-2015	08-09-2018	10.44
30.	Dr. Mohd. Asim Siddiqui (PI), Dr. Vishal Singh Chandel (Co-PI), Dr. Rajiv Manohar (Co-PI)	Physics	Synthesis and Characterization of Pure and Doped CaCu ₃ Ti ₄ O ₁₂ (CCTO) For Microelectronic Applications	UP-CST	Completed	22-07-2016	21-07-2018	6.40
31.	Dr Iffat Z Ahmad	Bioengineering	In vitro and in vivo study of hepatoprotective activity of Nigella sativa extracts in various germination stages	Ministry of AYUSH, Govt. of India	Completed	14-03-2016	13-03-2019	69.93
32.	Dr. Anuradha Mishra	Pharmacy	Evaluation and identification of mechanisms involved in defensive role of kalonji oil-based nano formulations in cancer	UP-CST	Completed	21-01-2017	20-01-2019	6.82
33.	Dr Iffat Z Ahmad (BE)	Bioengineering	Characterization of UV protective compounds from Cyanobacteria and media optimization for their enhancement	DRDO, Ministry of Defense, Govt. of India	Completed	26-04-2017	26-04-2020	23.50
34.	Dr. Mohammed Haris Siddiqui	Bioengineering	Induction and scaling up Sida cordifolia hairy roots in a bioreactor for industrial production of bronchodilator alkaloid-a promising and futuristic approach for development of novel folk medicines with tremendous therapeutic potential in UP	UP-CST	Completed	28-03-2017	28-03-2019	6.80
35.	Dr Tarique Mahmood	Pharmacy	Comparative study of Nanoformulation of Khamira Abresham Hakim Arshadwala with its traditional formulation against myocardial necrosis and associated ailments.	Ministry of AYUSH, Govt. of India.	Completed	17-03-2018	17-03-2021	43.39

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36.	Ms. Tarana Afrin Chandel, Dr. Yusuf Yasin, Prof. M.A.Mallick	ECE & EE	Performance analysis of 1 MW grid connected solar photovoltaic system using image processing	Institution of Engineers, Kolkata	Completed	01-01-2018	12-31-2019	0.75
37.	Dr Roohi (BE)	Bioengineering	Eco-friendly, biodegradable plastic degrading PHB depolymerase from microbes: Purification, characterization and biotechnological applications	SERB-ECRA	Completed	24-05-2018	24-05-2021	30.81
38.	Dr M Haris Siddiqui (BE)	Bioengineering	Role of Viable but Not Culturable (VBNC) and Cyst Forming Microorganisms in Food Toxicity and its Prevention by Bacteriocin from Probiotic Microorganisms	ICMR	Completed	06-03-2019	05-03-2022	14.45
39.	Dr M Haris Siddiqui (BE)	Bioengineering	Delineating the role of the human leukocyte antigen locus in susceptibility to rheumatic heart disease in Oceania and South Asia	University of Oxford	Completed	05-06-2020	04-06-2023	9.64
40.	Dr M Haris Siddiqui (BE)	Bioengineering	Production of Poly-hydroxy Butyrate (PHB) biopolymer from Azohydromonas australica using cane molasses	Uttar Pradesh Council of Agricultural Research (UPCAR)	On-going	04-05-2020	03-05-2023	20.29