

SPONSORED PROJECTS

S.No.	PI & Co-PI	Department	Project Title	Granting agency	Project Status (Completed/Ongoing)	Start Date	End Date	Total Grant Sanctioned
PHARMACY								
1	Dr. Arshad Hussain	Pharmacy	Development, characterization, biodistribution and anticancer activity of novel oil-based nanoformulation of quercetin and rutin bioactives for oral delivery	UP-CST	Completed	9/11/2012	8/11/2015	900000
2	Dr. Anuradha Mishra	Pharmacy	Evaluation & identification of mechanisms involved in defensive role of kalonji oil based nanoformulation in cancer	UP-CST	Ongoing	21/01/2017	20/01/2019	680000
3	Dr. Tarique Mehmood Ansari	Pharmacy	Comparative study of Nanoformulation of Khamira Abresham with its traditional formulation against Myocardial necrosis and associated ailments	Ministry of AYUSH, Govt. of India	Ongoing	17/3/2018	17/03/2021	43,39,080
BIOSCIENCES								
4	Dr. M. Salman Khan	Biosciences	Evaluation of Selected Indian Medicinal Plant as a Potent Inhibitor of HMG-CoA Reductase	SERB, New Delhi	Completed	7/1/2012	8/1/2015	2281000

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			Activity: An in silico, in vitro & in vivo study					
5	Dr. Rolee Sharma	Biosciences	Biochemical and Cellular Responses Within Macrophages Following Administration Of β -Glucan Particles Containing Anti-TB Drugs	U.P.-C.S.T.	Completed	30/11/2012	29/11/2015	900000
6	Dr. Saheem Ahmad	Biosciences	A promising chipping in of advanced glycation end products in the pathogenesis of cancer: A novel multifunctional nanoassemblies N-glycosylated and N-homocysteinylation forms of albumin for detecting and treating cancer	DBT (Indo Russian)	Ongoing	1/12/2014	30/11/2017	7150800
7	Dr. Priti Bajpai	Biosciences	A novel prophylactic approach exploiting the innate immune mediators as a promising adjuvant for vaccine against Visceral Leishmaniasis.	SERB	Ongoing	18/11/2015	18/11/2017	25,30,000
8	Dr. Priti Bajpai	Biosciences	Elucidation of Jab1-RNAi role in inducing apoptosis by enhancing p27 expression in Gall bladder carcinoma	DST-WOS A	Ongoing	30/6/2015	9/7/2018	13,36,000

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9	Dr. Saheem Ahmad	Biosciences	Immunochemical studies on glycated human serum albumin and low density lipo-protein by reactive dicarbonyls; possible role as diagnostic and prognostic markers in diabetes & associated diseases; A step ahead to inhibit the glycation menace	SERB	Ongoing	1/8/2015	31/07/2018	2600000
10	Dr. Saheem Ahmad	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	Ongoing	1/8/2015	31/07/2018	1044000
11	Dr. Irfan Ahmad Ansari	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	Ongoing	4/8/2015	3/8/2018	1044000
12	Dr. M. Sajid Khan	Biosciences	Inorganic nanoparticles mediated specific site directed drug delivery to the prostate cancer cells	UP-CST	Ongoing	19/09/2016	18/09/2019	1044000

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13	Dr. Neelam Pathak	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	UP-CST	Ongoing	1/1/2018	December, 2020	1470000
14	Dr. M. Salman Khan	Biosciences	Targeting proprotein convertase subtilisin/Kexin Type-9 via natural organosulphur compounds to combat hypercholesterolemia: A molecular mechanistic approach	MHRD	Ongoing	17/04/2019	March, 2022	3558100
15	DST-FIST	Biosciences	Sponsored Lab IU	DST				5700000

BIOENGINEERING

16	Dr. Snober S. Mir	Bioengineering	Role of Molecular Chaperones and p53 in Targeting of Client proteins to Autophagy	DBT	Completed	1/11/2013	31/10/2016	32,80,422
17	Dr. Alvina Farooqui	Bioengineering	Development of Novel Screening System Employing Cyanobacteria for Toxicity Studies of Metallic Nanoparticles	UP-CST	Completed	9/8/2015	8/9/2018	10,44,000
18	Prof. Iffat Zareen Ahmad, Dr. Sabiha	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	14/3/2016	14/03/2019	6993330

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19	Dr. Snober S. Mir	Bioengineering	Role of p53 Aggregation in Dysregulation of Autophagy: Implications for Tumorigenesis and Targeted Therapy	DST-SERB	Completed	22/4/2016	21/04/2019	27,57,000
20	Dr. Salman Akhtar	Bioengineering	Dynamic Structure-Based Pharmacophore Model Development and Role of Dietary Phytochemicals: A Crosstalk and Effective Addition in Anti-Angiogenic Lead Discovery.	UP-CST	Completed	31/1/2016	31/01/2019	933000
21	Dr. Mohd. Haris Siddiqui	Bioengineering	Induction and scaling up <i>Sida cordifolia</i> 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	28/3/2017	28/03/2019	6,80,000
22	Dr. Iffat Zareen Ahmad	Bioengineering	Characterization of UV protective compounds from cyanobacteria and media optimization for their enhancement	DRDO, Ministry of Defence, Govt. of India	Ongoing	26/4/2017	26/04/2020	2350000
23	Dr. Roohi	Bioengineering	Eco-friendly, biodegradable plastic degrading PHB depolymerase from microbes: Purification, Characterization and	SERB-ECRA	Ongoing	24/5/2018	24/5/2021	30,81,320

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			biotechnological applications					
PHYSICS								
24	Dt. Mohd. Asim Siddiqui (PI), Dr. Vishal Singh Chandel (Co-PI), Dr. Rajiv Manohar (Co-PI)	Physics	Synthesis and Characterization of Pure and Doped $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ (CCTO) For Microelectronic Applications	UP-CST	Ongoing	22/07/2016	21/07/2018	6,40,000
ELECTRONICS & COMMUNICATION ENGINEERING/ ELECTRICAL ENGINEERING								
25	Mrs. Tarana Afreen Chandel, Dr. Yusuf Yasin, Prof. M.A.Mallick	ECE & EE	Performance analysis of 1 mw solar power plant using image processing	Institution of Engineers, Kolkata	Completed	1/1/2018	12/31/2019	75000
Net Amount								38648230