

Department of Biotechnology

Sponsored R&D

Sl. No.	Project Title	Funding Agency	Sanction No with date	Sanctioned Amount	Duration / Status	PI/CoPI
1	A theoretical study on the origin of surface enhanced Raman spectroscopy of some biomolecular residues and their stereoisomers	CSIR	01(2070)/11/EMR-II Dated 16.05.2011	12.38 Lakhs	2011-2014 (Completed)	Dr. Tarun Kanti Mandal (PI)
2	Study of Tubulin-Antimitotic compound interaction in search of novel active derivative targeting colchicines binding site on tubulin	DBT	102/IFD/SAN/3896/2011-2012 Dated 10.01.2012	34.9 Lakhs	2012-2015 (Completed)	Dr. Suvroma Gupta (PI)
3	Structural investigation of the global virulence regulator SarA from <i>Staphylococcus aureus</i>	CSIR	37(1529)/12/EMR-II Dated 02-04-2012	30.1 Lakhs	2012-2015 (Completed)	Dr. Keya Sau (PI) Dr. Siraj Datta (Co-PI)
4	Genotyping of cultivated betel vine	DST-SERB	No. SR/FT/LS-102/2010 Dated 16.05.2012	22 Lakhs	2012-2015 (Completed)	Dr. Siraj Datta (PI)
5	In vitro Corm production of Gladiolus	UGC	PSW-88/12-13(ERO) Dated 05.02.2013	1.49 Lakhs	2013-2015 (Completed)	Dr. Siraj Datta (Co PI)
6	Heat & Salt tolerant microbial biofertilizers with improved efficiency to withstand environmental stress	WB-DST	545(Sanc)/ST/P/S&T/2G-1/2013 Dated 13.10.2015	13.48 Lakhs	2015-2018 (Completed)	Prof. Pranab Roy (PI) Dr. Mukesh Singh (Co-PI) Dr. Rajarshree Banerjee (Co-PI)
7	Biorational management of rice pests:	TAC, ISI	PU/506/PL-MISC/144	24.97 Lakhs	2015-2018	Dr. Mukesh

	evaluation of nanoparticle based and endophyte mediated approaches	Kolkata	Dated: 31-05-2016		(Completed)	Singh (Co-PI)
8	Investigations of the antimutagenic property of sulfamethoxazole (SMX) group of drugs: Mechanistic actions and relevance as a lead anticancer	SERB	SERB/F/4414/2017-18 Dated 04.08.17	36.09 Lakhs	2017-2020 (Completed)	Dr. Suvroma Gupta (PI)
9	Modernization and Removal of Obsolescence Scheme (MODROB)	AICTE	F. No. 9- 80/RIFD/MODROB/Policy- 1/2017-18 Dated 04.01.2019	19.41 Lakhs	2019-2020 (Completed)	Prof. Siraj Datta
10	Development of plant based assay system for primary screening of lead molecule from medicinal plants of Nagaland	DBT Twinning	102/IFD/SAN/2268/2019-2020 Dated 30.09.2019	37.57 Lakhs	2019-2022 (Completed)	Prof. Siraj Datta (PI) Prof. Suvroma Gupta (Co- PI)
11	Development of nano-composite film as a packing material for enhancing shelf-life and sensing microbial contamination of cut vegetables, fruits and fishes	MSME	IDEAWB002857 Dated 30/06/2022	15 Lakhs	2022-2024 (Ongoing)	Dr. Mukesh Singh (PI) Dr. Swati Maiti (Mentor)
12	Zero Emission Low Cost Plant Tissue Culture Box	Carbon Zero Challenge - IIT Madras	CZC2022E0079	4.62 Lakhs	2022-2023 (Completed)	Dr. Tilak Raj Maity