

# Department of Biotechnology

## Sponsored R&D

Project Title	Funding Agency	Sanctioned Amount	Duration	PI/CoPI
<b>A theoretical study on the origin of surface enhanced Raman spectroscopy of some biomolecular residues and their stereoisomers</b>	CSIR	20 Lakhs	2011-2014 (Completed)	Dr. Tarun Kanti Mandal (PI)
<b>Study of Tubulin-Antimitotic compound interaction in search of novel active derivative targeting colchicines binding site on tubulin</b>	DBT	35 Lakhs	2012-2015 (Completed)	Dr. Suvroma Gupta (PI)
<b>Structural investigation of the global virulence regular SarA from <i>Staphylococcus aureus</i></b>	CSIR	40 Lakhs	2012-2015 (Completed)	Dr. Keya Sau (PI) Dr. Siraj Datta (Co-PI)
<b>Genotyping of cultivated betel vine</b>	DST-SERB	25 Lakhs	2012-2015 (Completed)	Dr. Siraj Datta (PI)
<b>In-Virto Corm production of Gladiolus</b>	UGC	1.7 Lakhs	2013-2015 (Completed)	Dr. Siraj Datta (Co PI)

<b>Heat &amp; Salt tolerant microbial biofertilizers with improved efficiency to withstand environmental stress</b>	<b>WB-DST</b>	<b>13.5 Lakhs</b>	<b>2015-2018 (Completed)</b>	<b>Prof. Pranab Roy (PI) Dr. Mukesh Singh (Co-PI) Dr. Rajarshee Banerjee (Co-PI)</b>
<b>Biorational management of rice pests: evaluation of nanoparticle based and endophyte mediated approaches</b>	<b>TAC, ISI Kolkata</b>	<b>24.97 Lakhs</b>	<b>2015-2018 (Completed)</b>	<b>Dr. Mukesh Singh (Co-PI)</b>
<b>Modernization and Removal of Obsolescence Scheme (MODROB)</b>	<b>AICTE</b>	<b>19.4 Lakhs</b>	<b>2019</b>	<b>Prof. Siraj Datta</b>
<b>Investigations of the antimetabolic property of sulfamethoxazole (SMX) group of drugs: Mechanistic actions and relevance as a lead anticancer</b>	<b>SERB</b>	<b>36.09 Lakhs</b>	<b>2017-2020 (Completed)</b>	<b>Dr. Suvroma Gupta (PI)</b>
<b>Development of plant based assay system for primary screening of lead molecule from medicinal plants of Nagaland</b>	<b>DBT Twinning</b>	<b>96 Lakhs</b>	<b>2019-2022 (Ongoing)</b>	<b>Prof. Siraj Datta (PI) Prof. Suvroma Gupta (Co-PI)</b>