

DEPARTMENT OF BIO TECHNOLOGY

List of Projects Sanctioned

Sanctioned From Date: 01/04/2016

Sanctioned To Date: 08/07/2016

S.No.	Title	Project Investigator/Institute	Date of Sanction	Duration	Total Cost (In Rs.)
Animal Diagnostic And Vaccine					
1	Sub viral particle based Infectious bursal disease	Dr. Madhan Mohan C	29/04/2016	1 Years 0 Month	1429000
Aquaculture And Marine Biotechnology					
2	Syntheses of a library of molecules on marine	Prof. Faiz Ahmed Khan	10/06/2016	3 Years 0 Month	6624600
3	Molecular and Pattern Identification of Indian	Dr. Singaraju Jyothi	22/06/2016	3 Years 0 Month	5495700
Basic Research In Modern Biology					
4	Screening for male infertility markers in the human	Dr. Rachel A Jesudasan	21/06/2016	3 Years 0 Month	6451000
5	In Vivo Imaging of Enzyme Activity with Exquisite	Prof. Britto S Sandanaraj	06/07/2016	3 Years 0 Month	7342800
6	Studies on the interaction of antimicrobial peptide	Dr. Sanat Karmakar	21/06/2016	3 Years 0 Month	4305000
7	Molecular Motors as Nanocircuits in Leishmaniasis:	Dr. Shailza Singh	18/05/2016	3 Years 0 Month	4994800
Bioengineering					
8	Point-of-care bio-photonics device for rapid	Dr. Manzoor K	04/07/2016	3 Years 0 Month	8289200
9	Microstructurally designed in-situ toughened	Dr. Vamsi Krishna Balla	30/06/2016	3 Years 0 Month	4506800
10	A plug-and-train robotic kit for hand	Dr. Sivakumar Balasubramanian	05/07/2016	3 Years 0 Month	5297300
11	Bioartificial liver on a chip using dielectrophoresis	Prof. Tapas Kumar Maiti	30/06/2016	3 Years 0 Month	4043200
12	Development of electrochemical impedance	Dr. Sujatha Sunil	31/05/2016	3 Years 0 Month	6003900
13	Surface Modified Hybrid Bioimplants by Pulsed	Dr. Vinita Vishwakarma	30/06/2016	3 Years 0 Month	3011800
Bioinformatics R&D Projects					
14	Computational and in vitro screening of	Dr. Abhay Tulshiram Sangamwar	06/07/2016	3 Years 0 Month	3183200
15	Mycorrhiza Information and Resources Centre [BT/PR10369/BID/7/474/2013]	Dr. T P Sankar The Energy And Resources Institute,	30/05/2016	3 Years 11 Month	3305400
Biosystems & Bioprocess Engineering					
16	Valorization of Waste to Carboxylic acids by	Dr. S Venkata Mohan	20/06/2016	3 Years 0 Month	4945000
17	Whole cell catalyzed biotransformation for synthesis	Prof. Saroj Mishra	20/06/2016	3 Years 0 Month	4826800
18	Protein engineering approaches for developing next	Dr. ANKUR KULSHRESHTHA	04/07/2016	3 Years 0 Month	6955000
Centre Of Excellence					
19	Genome Engineering of Tomato	Prof. Rameshwar Prasad Sharma	27/06/2016	5 Years 0 Month	71679071

Energy Biosciences - Biofuels					
20	AN INVESTIGATION ON A SCALABLE AND	Dr. Sangeetha Dharmalingam	21/06/2016	3 Years 0 Month	5172800
Environmental Biotechnology					
21	Wet air oxidation assisted biological treatment of	Mr. Abhinav Sharma	30/06/2016	3 Years 0 Month	4433200
Genome Engineering & Technologies					
22	CRISPR-on-in System for simultaneous differential	Dr. Chandra Shekar Prabhakar	26/04/2016	3 Years 0 Month	7011500
23	Investigation of potential regulatory mechanism	Dr. Bushra Ateeq	29/06/2016	3 Years 0 Month	7255200
Medical Biotechnology - Human Genetics And Genome					
24	The clinical, enzymological and molecular study of	Dr. Jayesh J Sheth	31/05/2016	3 Years 0 Month	3807600
25	Genome-wide association study of phenotypic	Dr. Moulinath Acharya	23/06/2016	3 Years 0 Month	5484200
Medical Biotechnology - Infectious Diseases					
26	Identification of cGAMP specific phosphodiesterase	Dr. Krishna Murari Sinha	06/05/2016	3 Years 0 Month	6302478
27	Role of type I interferons in cerebral malaria	Dr. Dipyaman Ganguly	27/06/2016	3 Years 0 Month	5525896
28	Molecular switch in Th1-Th2 response by SMAR1:	Dr. Samit Chattopadhyay	03/05/2016	3 Years 0 Month	17680084
Medical Biotechnology - Stem Cell Biology					
29	Cancer stem cells and tumour neo-angiogenesis	Prof. Trivadi Sundaram Ganesan	31/05/2016	3 Years 0 Month	5260400
Nanoscience And Nanotechnology Application I n Biol					
30	Engineering Self-Assembled Graphene-Oxide	Dr. Sudipta Basu	21/04/2016	3 Years 0 Month	2300000
31	Engineering novel plasmonic nanocapsules for	Dr. Amit Jaiswal	23/06/2016	3 Years 0 Month	1931000
32	Exploration of the therapeutic potential of	Prof. Dipankar Chattopadhyay	23/06/2016	3 Years 0 Month	1086800