

GOVT SPONSORED - ONGOING PROJECTS

	Title of the project Applied date	Name of Principal Investigator & Co-investigator(s) Project Number	Funding Agency	Sanctioned amount of the project (Rs)	Starting date of the project	Duration
1.	Nonadiabatic molecular processes on threefold electronic degeneracies	Dr. Tanmoy Mondal DST/INSPIRE Faculty Award /2013	DST- Inspire	[35,00,000]	22-1-2014 (FY 13-14) Sanction date 1-8- 13 (FY 13-14)	5 years
2.	Development of polymer-ferrite (and/or grapheme) nanocomposites having high thermal stability and microwave absorption property for Radar Absorbing Coating Application 19/1/2013	Dr. N.N. Ghosh ERIP/ER/1305004/M/01/1523	DRDO	[14,59,000] I-6,27,880 II-4,02,880 III-4,28,240 Proposed amount 14,52,000	12-5-14 (FY 14-15) Sanctioned date 7- 3-14 (FY 13-14)	3 years Date of completion 11-5-17 (letter dated on 29-6-16)
3.	Development of β,β' -edge fused π -elongated donor- acceptor porphyrin possessing Near-IR optical spectra 2-5-2013	Dr. Subhadeep Banerjee SB/FT/CS-085/2013	DST-FT	[22,60,000] Sanctioned date 26- 5-2014 Proposed amount 25,20,824	23-6-14 (FY 14-15) Sanction letter 26- 5-2014 (FY 14-15)	3 years
4.	Investigations on microstructures of hard-soft ferrite nanocomposites and influence of microstructures on their properties 19/1/2013	Dr. N.N. Ghosh Coinvestigator: Dr. P. Parameswaran CSR/Accts/2014-15/671	 UGC-DAE	[263400] Proposed amount 6,93,000	24-9-14 (FY 14-15) Sanctioned date 22-8-14 (FY 14-15)	3 years
5.	Chalcogen containing azomethine macrocycles and bicycles: synthesis, characterization, metal complexes and theoretical investigations of nature of intramolecular interactions between divalent chalcogen and nitrogen atoms 30-1-14	Dr. Arunashree Panda Mentor: Dr. R. N. Behera SR/WOS-A/CS-04/2014 (G)	DST WOS	[17,10,000] Proposed amount 18,72,000	17-11-14 (FY 14-15) Sanction letter dated 7-10-14 (FY 14-15)	3 years

6.	Development of a field portable devise for the analysis of environmental contaminants in water 3-2-14	Prof. Sunil Bhand Coinvestigator: Prof A P Koley Mr Gautam Bacher PCs: Dr. V K Suri Dr. R. Balasubramaniam Shivam Mishra Ashwin Rathod (ALL from Precision Engineering division, BARC, Mumbai) 36(2)/14/25/2014-BRNS	BRNS	[2413800] I-1047325 II-733700 III-481875 Proposed amount 24,98,010	10-6-2015 (FY 15-16) Sanctioed date 23-1-15 (FY 14-15)	3 years
7.	Novel micro biosensor device for heavy metal analysis in vegetables 15-12-14	Prof. Sunil Bhand Coinvestigator: Mr. Gautam Bacher Principal Collaborator: Mr. Vishal Dhamgaye (RRCAT, Indore) Dr. G. S. Lodha (RRCAT, Indore) CSR-IC-BL-40/CRS-137-2014-15/1233	RRCAT indore and UGC DAE consortium Indore	[1,00,000] Proposed amount 18,00,000	28-3-16 Sanction letter dated on 27-3-15	2 years
8.	Steric and conformational influences on the performance of nonplanar and highly functionalized phenyl- and heteroaryl- porphyrins in the sensing of anions and heavy metal ions 29/07/2016	Prof. P.Bhavana EMR/2016/002367	SERB	[2822820]	13-12-16 Date of sanction 8-11-16	3 years
	A Comprehensive study on mechanochemical sp ² C-H bond activation in five-membered heteroaromatics in a Ball- Mill: Can 1st row transition elements be a potential replacement of late transitional elements a question to investigate 26/07/2016	Prof. Mainak Banerjee EMR/2016/002253	SERB	[3057560] Proposed amount 32,76,000	28-12-16 Sanctioned in 13-12-2016	3 years
8.	Nano-based detection of organophosphate pesticides using metal organic framework conjugates	Lalit M Bharadwaj, Amity University CCPIs Dr Sunil Bhand Dr Irani Mukherjee, IARI, New Delhi NASF/Nano-5020/2016-17	NASF, ICAR	BITS, Goa share 43.08 lakh Total cost of project Rs. 17740210	12-1-2017 (period Jan 2017 to December 2019) Date of sanction 30-12-16 Approval mail dated 28-12-16	3 years

9.	Computational Study of the Catalytic Mechanism Some Diaryldiselenide-based Glutathione peroxidase Mimetics July, 2016	Dr. Raghu Nath Behera EMR/2016/003210	SERB	[1642280] Proposed amount 1,659,840.00	24-1-2017 Sanction date 4-1-2017	3 years
10.	Design and synthesis of grapheme oxide based AIE-sensor for selective detection of Hg(II) and Organic mercury in aqueous medium 28/04/2016	Dr. Amrita Chatterjee Co- Investigator Prof. N. N. Ghosh CSR-KN/CRS-91/2016-17/1132	UGC- DAE Consortium for Scientific Research Proposal	[213000+HRA] For 1 year Proposed amount 7,03,000	2-3-17 Sanction date 1-2-2017	3 years
11.	Experimental and Computational study of Boron Doped TiO ₂ and ZnO Nanocrystals 27/7/2016	Dr. Jayadevan K.P. Co-investigator R.N. Behera EMR/2016/002667	SERB	[2332515] Proposed amount 21,93,200	21-3-17 sanction date 15-3-17	3 years
12.	Development of PCDA-liposome based detection kit for Alzheimer's disease biomarker 30/6/2016	Dr. Amrita Chatterjee Co- Investigator Dr. Malabika Biswas, Dr. Ramesha C. K. EMR/2016/001416	SERB	[2663200] Proposed amount 25,08,200	22-3-17 sanction date 14-3-17	3 years

INDUSTRIAL PROJECTS - ONGOING

Title of the project Applied date	Name of Principal Investigator & Co-investigator(s) Project Number	Funding Agency	Sanctioned amount of the project (Rs)	Money received (Rs)	Starting date of the project	Duration
Development of sensing systems for residual pesticide and harmful chemical detection in fruits and vegetables	Prof Sunil Bhand RD TT/MUM/HEALTH/CfDoACCD/NM/db/2016-17	R D Tata trust (to CDAC, Kolkata)	BITS share Rs 53,20,000/- (Total project cost is Rs. 212 lakhs)		Date of start 1-8-2016 As per the sanction letter dated on 2-8-2016	2 years