

SPONSORED PROJECTS

INFRASTRUCTURE PROJECT

S. No.	Approval Year	Completion Year	Funding Agency	Fund Approved, Lakhs	Title of Project	Name(s) of the investigator	Status
	2018	2022	DST-FIST	194.40	Fund for Improvement of S & T Infrastructure (FIST)DST GOI	Chairman: Dr. R. K. Gupta Members: Dr. H Bhunia Dr. Rajeev Mehta	Ongoing

RESEARCH PROJECT (ONGOING)

S. No.	Approval Year	Completion Year	Funding Agency	Fund Approved, Lakhs	Title of Project	Name(s) of the investigator	Status
1.	2018	2021	SERB-DST New Delhi	28.92	Polymer Fiber Addition to Multi-Scale Glass Fiber Reinforced Clay Epoxy Nanocomposites for improved Impact Strength	Dr. Rajeev Mehta Dr. T. Nanda	Ongoing
2.	2017	2020	CSIR New Delhi	26.0	Poly lactide Polypropylene Blends Preparation, characterization, degradability and eco toxicity studies	Dr. Haripada Bhunia Dr. S. K. Ahuja	Ongoing
3.	2017	2020	SERB-DST New Delhi	40.12	Electroreduction of carbon dioxide to ethanol using nanostructured copper based electrocatalyst	Dr. Haripada Bhunia Dr Neetu Singh	Ongoing
4.	2017	2021	SERB-DST New Delhi	41.21	Drying of Polymer – Polymer – Solvent Coatings: Experimental and Simulation Study	Dr. S. K. Ahuja Dr. Raj Kumar Arya	Ongoing

RESEARCH PROJECTS (COMPLETED)

S. No.	Approval Year	Completion Year	Funding Agency	Fund Approved, Lakhs	Title of Project	Name(s) of the investigator	Status
1.	2015	2018	DAE-BRNS, Mumbai	25.24	Measurement of Circulation time and Optimization of Mixing Process for Ethyl Acetate Reactor Using Radiotracer Technique	Dr. Raj Kumar Gupta Dr. Haripada Bhunia	Completed
2.	2015	2018	DAE-BRNS, Mumbai	24.51	Study of Hydrodynamics and RTD of Effluent Treatment	Dr. Vikas Kumar Sangal	Completed

					Process(Biological) Using Radiotracer Technique	Dr. Haripada Bhunia	
3.	2014	2018	DAE-BRNS, Mumbai	26.97	Investigation of Hydrodynamics and RTD of Pulp Digester Using Radiotracer Technique	Dr. Avinash Chandra Dr. Haripada Bhunia Dr. Pramod Kumar Bajpai	Completed
4.	2014	2018	DAE-BRNS, Mumbai	27.89	Development of Nano-Eco Toxic Polyolefins with Controlled Environmental Degradation by Using High Energy Radiation and Pro-Oxidants	Dr. Haripada Bhunia Dr. Pramod Kumar Bajpai	Completed
5.	2014	2017	ARMRE B, DRDO	32.0	Studies on STF – Nanoclay Based Composites for Personal Armour Systems	Dr. Rajeev Mehta	Completed
6.	2014	2017	DST, New Delhi	25.34	Synthesis and Characterization of High Capacity Adsorbents For CO ₂ Capture	Dr. Haripada Bhunia Dr. Pramod Kumar Bajpai	Completed
7.	2014	2015	SRG (Indo-Canadian)	Can\$ 5000 (Rs 2.62)	Application of adsorption process for removal of emerging pollutants from drinking water	Dr. Pramod K. Bajpai Dr. Jafar Soltan (Univ. of Sask)	Completed
8.	2013	2016	UGC, New Delhi	6.00	Essential Oil Production and Characterization	Dr. Avinash Chandra	Completed
9.	2013	2016	DST, New Delhi	23.6	Transalkylation of Di-Isopropylbenzene(DIPB) With Benzene Over Modified Nano Zeolite Catalyst: A kinetic Study	Dr. Sangamitra Barman	Completed
10.	2013	2016	Crompton Greaves Global R & D Centre,	13.82	Application Software Development to Evaluate Kanjur Marg, Mumbai Thermal Performance Of Tube Type, Air To Air Heat Exchangers For CACA High Rated Electrical Motors	Dr. D. Gangacharyulu Dr. Rajiv Kumar	Completed
11.	2013	2015	UGC, New Delhi	6.00	Tailoring of Nanostructure For Reversible Hydrogen Storage: Molecular Simulation As A Guiding Tool	Dr. Sudhir Kumar Singh	Completed
12.	2013	2015	UGC, New Delhi	8.11	Application of Nanozeolites For The Removal of Novel Contaminants From Waste Water	Dr. Sangamitra Barman	Completed
13.	2013	2015	UGC, New Delhi	0.97	Photocatalytic Degradation of Textile Dye Effluent Using Doped TiO ₂ Catalyst	Mr. Alok Garg	Completed

14.	2013	2015	Punjab Pollution Control Board, Patiala	4.50	Qualitative and Quantitative Analysis of The Sludge Accumulated in the Bed of Buddha Nallah at Various Locations	Dr. Pramod Kumar Bajpai Dr. Haripada Bhunia	Completed
15.	2012	2016	NRB, DRDO	21.54	Processing and Characterization of Fiber Reinforced Polymer Nanocomposites and Their Degradation in Marine Environments	Dr. Rajeev Mehta Mr. Bikramjit Sharma	Completed
16.	2012	2014	AICTE, New Delhi	14.10	Chemical Fixation of Carbon Dioxide to Polycarbonates and Cyclic Carbonates	Dr. Rajeev Mehta Dr. S. N. Upadhyay	Completed
17.	2012	2013	IICHe	0.50	Microwave Assisted Polymerization of Lactic Acid and Polylactic Acid Nanoparticles	Dr. R. Mehta	Completed