



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
YELAHANKA BENGALURU – 560 064

Research Projects - Completed

Date: 30.6.2023

Sl. No.	Name of the PI/Co-PI	Department	Title of the Project	Sponsoring agency	Amount in lakhs	Year of sanction
1	Mr. Praveen Kumar T N (Co-PI)	ME	Development and comprehensive characterization of Aluminum Ceramic-Micro-Sphere foamed composite	VTU Research Grants Scheme	6.00	2011-2016
2	Mrs. Suma Umesh (PI)	EEE	Simulation of micro gas sensor for the detection of SF ₆ leakage and its constituent gases under partial discharge gas insulated switchgear (GIS) system	Naval Research Board (NRB)- DRDO	5.25	2014-2018
3	Dr. C. Kavitha (PI)	Chemistry	Graphene/Graphene oxide-Nano particles hybrid structures for SERS based optical sensors.	DST-SERB	31.98	2014-2017
4	Dr. Karabi Sikdar (PI)	Mathematics	Study and development of computational methods on finite buffer discrete time queues with N threshold policy	DST-SERB	9.38	2014-2018
5	Dr. Dhananjaya. N (PI)	Physics	Novel Photo synthesis, structural and luminescence properties of rare earth activated nano-oxyhalides for display and dosimetric applications	VGST-SMYSR	4.00	2014-2016
6	Dr. Dhananjaya. N (PI)	Physics	Plant latex mediated green combustion synthesis of rare earth doped nano aluminates: study of structural and luminescent properties	DST-SERB	21.70	2015-2019

7	Dr. C. Kavitha (PI)	Physics	Graphene oxide/plasmonic hybrid nanocomposites for versatile surface enhanced raman spectroscopy (SERS) based multi analyte detection sensors	VGST-SMYSR	5.00	2018-2020
8	Dr. Ramakrishnappa (Co-PI)	Chemistry	Tailoring of multi-response sensors for environmentally/biologically significant species	VTU-TEQIP- competitive research grant	1.50	2019-2020
9	Dr. Daruka Prasad (Co-PI)	Physics	Hybrid Ferrite Nanocomposites with Enhanced Visible light Photocatalytic Performance for next Generation of Clean Energy System	VTU-TEQIP- competitive research grant	1.50	2019-2020
-	Total INR (Lakhs)				86.31	-