



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT (Autonomous Under VTU)

Physics Department

Funded Projects

N	Project Title	Faculty Name	Period(Year)	Amount(RS)	Funding		Project_Status
					Agency	Project_Status	
1	Efficiency improvement of Ultracapacitors using Binary Metal Oxides Nano Composites	Dr. C. Kavitha	2022-2025	2000000.00	VGST – K-FIST- L2	completed	
2	Flexible Ga_2O_3 solar-blind UV photodetectors for wearable and smart skin device applications	Dr. Harish Sharma A	2024-2027	3272641.00	ANRF- SERB- CRG	On-going	
3	Inorganic-Organic Hybrid Core/Shell Materials for Optoelectronics and Security-ink applications	Dr. Basavaraj R B	2023-2026	1500000.00	VGST – K-FIST- L1	On-going	
4	Graphene/Graphene Oxide- Nano particles hybrid structures for SERS based optical Sensors	Dr. C. Kavitha	2014-2018	3197667.00	DST- SERB	Completed	
5	Graphene Oxide / plasmonic hybrid nanocomposites for versatile surface enhanced Raman spectroscopy (SERS) based multi analyte detection sensors	Dr. C. Kavitha	2018-2019	500000.00	VGST - SMYSR	completed	
6	Zinc Oxide Nanocomposites preparation using modified sonochemical method suitable for solar cells and battery applications	Dr. Daruka Prasad B	2018-2019	500000.00	VGST - RFTT	completed	
7	Plant Latex mediated green combustion synthesis of rare earth doped nano aluminates: study of	Dr. Dhananjaya N	2015-2018	2170000.00	DST- SERB	completed	



**BMS INSTITUTE OF
TECHNOLOGY & MANAGEMENT**
(Autonomous Under VTU)

Physics Department

Funded Projects

N	Project Title	Faculty Name	Period(Year)	Funding		Project_Status
				Amount(RS)	Agency	
	structural and luminescent properties					
8	Novel photosynthesis, structural and luminescence properties of rare earth activated nano- oxyhalides for display and dosimetric applications	Dr. Dhananjaya N	2014-2016	400000.00	VGST - SMYSR	Completed