

PSG Institute of Technology and Applied Research

Sponsored Projects Details

#	Investigator	Title of the project	Sponsoring Agency/ Scheme	Sanctioned on	Amount (Rs.)	Status
1	Dr D Thangaraju	Solution Processed Upconversion Luminescent Nanoparticle Selfassembly for Development of Electron Beam Excitation Assisted High-resolution Optical Microscope	DST/IJCSP	24 Jun 2020	07,37,112	On-going
2	Dr M Devasena	Transport of Dissolved Methane Plumes in Groundwater: Experimental and Numerical Investigations	DST/Indo-Iran	30 Jan 2020	05,60,680	On-going
3	Dr M Devasena	Sanitation in the Circular Economy – an integrative modularonsite toilet treatment for recovery of NPK fertilizer, carbon water	SERB/IMPRINT-2	22 Jan 2020	69,07,027	On-going
4	Dr M Arun	Affordable Housing for Economically Weaker Section in all Disaster Prone Areas	SERB/TARE	16 Dec 2019	18,30,000	On-going
5	Dr P Prabhunathan	Design and Fabrication of Supercapacitor Device from Nitrogen Rich Porous Carbon of Hybrid Bio-Mass Polybenzoxazines	SERB/TARE	04 Dec 2019	18,30,000	On-going
6	Dr N Saravanakumar	Characterization of Aluminum Coating on Varnish coated composite substrate	DRDL	11 Nov 2019	04,72,000	On-going
7	Dr G Chandramohan	Process development of Tulip Liner	DRDO	Oct 2019	09,76,184	On-going
8	Dr P Manoj Kumar	Development of Mesoporous TiN@Nitrogen-doped Carbon Nanostructured support materials with less-pt electrocatalysts for durable and low-cost PEM fuel cells	DST/ORTD	30 Sep 2019	03,85,000	On-going
9	Dr G Rajeshkumar	Investigation on mechanics of needle insertion on soft materials	SERB/TARE	12 Mar 2019	18,30,000	On-going
10	Dr P Manoj Kumar	Modelling and experimental studies of cavitation in globe valve	SERB/TARE	26 Feb 2019	18,30,000	On-going
11	Dr D Thangaraju	Development of lead-free all-inorganic halide perovskites embedded silica nanomatrix for bioimaging applications	SERB/ECRA	19 Nov 2018	48,95,411	On-going
12	Dr G Chandramohan	Improvement of mechanical properties of medium carbon low alloy steel through boronizing technique	ARDB	19 July 2016	08,59,500	Completed

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Sponsored Projects Details - Student Projects

#	Investigator	Title of the project	Sponsoring Agency/ Scheme	Sanctioned on	Amount (Rs.)	Status
13	Student: L. Archana Guide: Dr. R. Manimegalai	IoT based garment unit monitoring system	TNSCST - Student Project Scheme	18 Mar 2020	7,500	On-going
14	Student: G. Sahithya, P. Indhu, A. Asheeka. Guide: Mr. S. Elayaraja	Development of site specific remedial measures for the recent (2019) landslide in Nilgiris	TNSCST - Student Project Scheme	18 Mar 2020	7,500	On-going
15	Student: S. R. Sanjay, S. Agal Nivetha, S. Arun Prakash, V. Bharathara Vinth Guide: Mr. M. Senthilvel	Reusing Graphite from waste batteries as additives to enhance the performance of the engine	TNSCST - Student Project Scheme	18 Mar 2020	7,500	On-going
16	Student: A. Dinesh Kumar, J. S. Pavithraa, U. Vimal Kumar Guide: Mr. S. Elayaraja	An experimental study on infrastructural damages due to landslide in nilgiris and its remedial measures	TNSCST - Student Project Scheme	18 Feb 2019	7,500	Completed
17	Student: M. Arthi, R. Durga, S. Govardana, K. Preethi Guide: Ms. K. Bavithra	Machine learning based reliability assessment of photovoltaic solar system	TNSCST - Student Project Scheme	18 Feb 2019	7,500	Completed