



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
NEELAMBUR, COIMBATORE 641062



SPONSORED PROJECTS

2018-2019, 2019-2020 and 2020-2021

#	Investigator	Title of the project	Sponsoring Agency/ Scheme	Sanctioned Date	Duration	Sanctioned Amount (Rs.)	Amount received for 2018-2019	Amount received for 2019-2020	Amount received for 2020-2021	Status
1	Dr A Kumaravel	Synthesis of a novel, highly hydrophobic and antimicrobial organic inhibitors for corrosion protection applications of mild steel in acidic medium	SERB/TARE	18 Nov 2020	36 Months	1,830,000			275000	On-going
2	Dr M Devasena	Transport of Dissolved Methane Plumes in Groundwater: Experimental and Numerical Investigations	DST/Indo-Iran	30 Jan 2020	24 Months	560,680		280340		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	24 Months	6,907,027		1600000		On-going

#	Investigator	Title of the project	Sponsoring Agency/ Scheme	Sanctioned Date	Duration	Sanctioned Amount (Rs.)	Amount received for 2018-2019	Amount received for 2019-2020	Amount received for 2020-2021	Status
4	Dr M Arun	Affordable Housing for Economically Weaker Section in all Disaster Prone Areas	SERB/TARE	16 Dec 2019	36 Months	1,830,000		275000		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	36 Months	1,830,000		275000		On-going
6	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	36 Months	385,000			165000	On-going
7	Dr G Rajeshkumar	Investigation on mechanics of needle insertion on soft materials	SERB/TARE	12 Mar 2019	36 Months	1,830,000	275000			On-going
8	Dr P Manoj Kumar	Modelling and experimental studies of cavitation in globe valve	SERB/TARE	26 Feb 2019	36 Months	1,830,000	275000			On-going

#	Investigator	Title of the project	Sponsoring Agency/ Scheme	Sanctioned Date	Duration	Sanctioned Amount (Rs.)	Amount received for 2018-2019	Amount received for 2019-2020	Amount received for 2020-2021	Status
9	Dr D Thangaraju	Development of lead-free all-inorganic halide perovskites embedded silica nanomatrix for bioimaging applications	SERB/ECRA	19 Nov 2018	36 Months	4,895,411	3316587		750000	On-going

TNSCST PROJECTS

#	Investigator	Title of the project	Sponsoring Agency/ Scheme	Sanctioned on	Amount received for 2018-2019	Amount received for 2019-2020	Amount received for 2020-2021	Status
1	Student: L. Archana Guide: Dr. R. Manimegalai	IoT based garment unit monitoring system	TNSCST - Student Project Scheme	18 Mar 2020		7500		Completed
2	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		7500		Completed
3	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		7500		Completed
4	Student: A. Dinesh Kumar, J. S.	An experimental	TNSCST - Student	18 Feb 2019	7500			Completed

			Pavithraa, U. Vimal Kumar Guide: Mr. S. Elayaraja	study on infrastructural damages due to landslide in nilgiris and its remedial measures	Project Scheme					
		5	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	7500			Completed
				TOTAL			3881587	2452840	1190000	

YEAR	TOTAL NO OF SPONSORED PROJECTS	TOTAL NO OF FUNDING AGENCIES	AMOUNT in RS
2020-2021	3	3	1190000
2019-2020	7	4	2452840
2018-2019	5	3	3881587