

PSG Institute of Technology and Applied Research Sponsored Research Fund 2019-2020

| PROJECT FUNDING 2019-2020 | | | | | | | | | |
|---------------------------|--------------------|--|----------------|-----------------|-----------|--------------|--------------------------------|---------------|--------------|
| # | Investigator | Title of the project | Scheme | Sanctioned Date | Duration | Total fund | Amount Received during 2019-20 | | |
| | | | | | | | Recurring | Non-recurring | Total |
| 1 | Dr M Devasena | Transport of Dissolved Methane Plumes in Groundwater: Experimental and Numerical Investigations | DST/Indo-Iran | 30 Jan 2020 | 24 Months | Rs.5,60,680 | Rs.2,80,340 | | Rs.2,80,340 |
| 2 | Dr M Devasena | Sanitation in the Circular Economy – an integrative modular onsite toilet treatment for recovery of NPK fertilizer, carbon water | SERB/IMPRINT-2 | 22 Jan 2020 | 24 Months | Rs.16,00,000 | Rs.10,90,004 | Rs.5,09,996 | Rs.16,00,000 |
| 3 | Dr M Arun | Affordable Housing for Economically Weaker Section in all Disaster Prone Areas | SERB/TARE | 16 Dec 2019 | 36 Months | Rs.18,30,000 | Rs.2,75,000 | | Rs.2,75,000 |
| 4 | Dr P Prabunathan | Design and Fabrication of Supercapacitor Device from Nitrogen Rich Porous Carbon of Hybrid Bio-Mass Polybenzoxazines | SERB/TARE | 04 Dec 2019 | 36 Months | Rs.18,30,000 | Rs.2,75,000 | | Rs.2,75,000 |
| 5 | Dr N Saravanakumar | Characterization of Aluminum Coating on Varnish coated composite substrate | DRDL | 11 Nov 2019 | 24 Months | Rs.4,72,000 | Rs.4,54,000 | | Rs.4,54,000 |

| | | | | | | | | | |
|---|--|---|--------|---------------|--------------|------------------------|---------------------|--------------------|---------------------|
| 6 | Dr G Chandramohan | Process development of Tulip Liner | DRDO | Oct 2019 | 24 Months | Rs.9,76,184 | Rs.4,00,000 | | Rs.4,00,000 |
| 7 | L. Archana Guide: Dr. R. Manimegalai | IoT based garment unit monitoring system | TNSCST | 18 March 2020 | 12 months | Rs.7,500 | Rs.7,500 | | Rs.7,500 |
| 8 | G. Sahithya, P. Indhu, A. Asheeka. Guide: Mr. S. Elayaraja | Development of site specific remedial measures for the recent (2019) landslide in Nilgiris | TNSCST | 18 March 2020 | 12 months | Rs.7,500 | Rs.7,500 | | Rs.7,500 |
| 9 | 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 | 18 March 2020 | 12 months | Rs.7,500 | Rs.7,500 | | Rs.7,500 |
| | | | | | Total | Rs.72,68,864.00 | Rs.27,96,844 | Rs.5,09,996 | Rs.33,06,840 |

Total Fund Sanctioned: Rs. 72,68,864/-

Total Fund Received: Rs. 33,06,840/-

Recurring: Rs. 27,96,844/-; Non-Recurring: Rs. 5,09,996/-

Total Funding Agencies: 6