

Externally Funded Projects

S. No	Name of the Investigators	Dept.	Title	Agency	Amount (Rs)	Duration	AY
1	Dr.S.Parthasarathy Professor/EEE	EEE	S&T Capacity building for industrial needs	TNSCST	1,40,000/-	1 Year	2021–2022
2	Dr. S. Sureshraj, Assoc. Prof./MCA	CSE	Perennial assistant fund	National Coordinating Institute UBA 2.0 (IIT Delhi)	1,75,000/-	3 Months	2020–2021
3	Dr.S.Parthasarathy Professor/EEE Dr. A. V. Ramprasad, Principal Mr. S. Nallathambi, Dr. M. Raghini	EEE and MECH	Laser based Hydraulic Controlled Variable Length land Leveler cum plough Device with Remote Monitoring system	DST (Agro Tech)	85,35,000/-	2 Years	2019–2020
4	Dr.K.Gnanambal, Prof./EEE	EEE	An Efficient Eco-friendly hybrid PV-Bio Gas based Micro Turbine Generator System.	AICTE-Research Promotion Scheme	6,00,000/-	3 Years	2019–2020
5	Dr. S. Sureshraj, Assoc. Prof./MCA	CSE	Smart Agri Drone	Unnat Bharat Abhiyan	90,000/-	1 Year	2019–2020

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6	Dr. S. Sureshraj, Assoc. Prof./MCA	CSE	Agriculture Embracing The IoT	Unnat Bharat Abhiyan	1,00,000/-	1 Year	2019–2020
7	Dr.S.Parthasarathy Professor/EEE Dr.D.Pradeepkannan, Professor/EIE Mr. S. Nallathambi AP/Mech.	EEE	Design and development Of Sensor Based Sewage Block Remover and management system	DST	37,00,000/-	1 year	2017-2018
8	Dr. K. Gnanambal Professor/EEE Dr.S.Parthasarathy, Professor/EEE Dr.S.Manoharan, AP/EEE	EEE	Smart Meter for Measuring Power Quality Disturbances using GSM Technology / DST– Instrument Development Programme	DST	19,75,800/-	3years	2016–2017
9	Mr. S. Nallathambi, Asst. professor / Mech.	MECH	Motorised sewage block remover using centrifugal pump with flexible shaft and stirrer	MSME	1,50,000/-	1 Year	2016–2017
10	Dr. A. Umarani Professor / EIE Dr. D. Pradeepkannan Professor / EIE	EIE	Automated Ration Dispenser using embedded system	MSME	1,55,255/-	1 Year	2016–2017

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11	Dr. P. Ganesh Kumar Professor / IT	IT	Acute Transport	Honeywell Technology Solutions	1,82,000/-	5 Months	2016– 2017
12	Dr.D.Pradeepkannan Professor/EIE Mrs. R.Thenmozhi Asst. Professor/EIE	EIE	Smart Bin using Arduino Micro Controller	MSME	1,50,000/-	1Year	2015– 2016
13	Dr.M.R.Thansekhar Professor/Mech. (Co-Investigator)	MECH	Experimental investigation of heat transfer enhancement for electronic heat sink coated with vertically aligned CNT and metal nanowires.	DST	45,12,200/-	3Years	2015– 2016
14	Dr. Alageswaran, Professor / CSE Mr. R. AnandhaMurugan Asst. Professor / CSE	CSE	RFID Based Product Tracking	Effikas, USA	1,20,025/-	3 Months	2015– 2016
15	Mr. S. Nallathambi, Asst. professor/Mech.	MECH	Motorised sewage block remover using centrifugal pump with flexible shaft and stirrer	MSME	1,50,000/-	1 year	2014– 2015

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16	Mr.S.Nallathambi Asst. Professor	MECH	Enhancement of heat transfer for electronic devices using heat pipes with nanofluids	Institution of Engineers	50,000/-	1Year	2014–2015
17	Dr.S.Parthasarathy Professor	EEE	Design and implementation of controller based cracker manufacturing machine	Institution of Engineers	70,000/-	6 Months	2013–2014
18	Dr.S.Parthasarathy Professor	EEE	Controller based multi tapped transformer based inverter	Institution of Engineers		6 Months	2013–2014
19	Dr.P.Udhayakumar, Professor	MECH	Multi–Disciplinary approach for DIP based thermal analysis of automobiles through Temperature sensing chemicals	Institution of Engineers	50,000/-	6 months	2013–2014
20	Dr.S.Parthasarathy Professor	EEE	Design and implementation of Hybrid Harmonic Filter for Converter System	Institution of Engineers	80,000/-	6 months	2013–2014

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21	Dr. V. Kejalakshmi Professor & Head / ECE	ECE	Modernization and removal of obsolescence in DSP Lab	AICTE- MODROBS	7,50,000/-	1 Year	2013– 2014
22	Dr. R. Gandhidasan Professor & Head /Chemistry	Chem istry	A Systematic search for effective anticorrosion agents from plant sources	AICTE – RPS	9,65,000/-	3Years	2012– 2013
23	Dr.M.R.Thansekhar Professor & Head / Mech.	MECH	Modernisation of Instrumentation (Dynamics and metrology lab)	AICTE - MODROBS	5,00,000/-	1 Year	2012– 2013
24	Mr.S.C.Sivaprakash Professor / ECE	ECE	Advances in Microwave and Optical Communication Technologies	AICTE - MODROBS	5,50,000/-	1 Year	2012– 2013
25	Dr. R.M.Satheesh kumar Professor & Head / Automobile	AUTO	MODROB in Automotive Engines Lab	AICTE – MODROBS	5,50,000/-	1 Year	2012– 2013
26	Prof. S. Nagammai Professor & Head /EIE Dr.D.Pradeepkanan Professor / EIE	EIE	Modernization and Removal of Obsolescence of Process Control Laboratory (MODROBS)	AICTE - MODROBS	7,80,000/-	1 Year	2012– 2013