

**Dr. Mahalingam College of Engineering and Technology, Pollachi-642 003
(An Autonomous Institution)**

Office of Dean Research & Innovation

Funded Projects and External Grant Details

Academic Year	Number of Projects	Total Funded Amount (Rs.)
2023-2024	3	6,10,000
2022-2023	5	1,76,83,620
2021-2022	5	2,36,000
2020-2021	10	31,87,000
2019-2020	10	84,09,272
2018-2019	10	32,15,000
2017-2018	14	59,91,000
2007-2016	42	2,11,96,000
Total	99	6,05,27,892

S.No	Name of the Investigator & Department	Title of the Project	Funding Agency/ Scheme	Month & Year of Sanction	Project Duration	Sanctioned Amount (Rs.)	Status
1.	Dr.Ramathirumurugan /Mech	Self- Recharging Internal Frame Electric Bicycles	MSME	August 2023	1 Year	5,75,000	In-progress
2.	Dr.M.Selvakumar / Auto	Development of EV-Fiber Rotavator for Coir Industries	EDII	May 2023	1 Year	3,21,000	In-progress
3.	Dr.K.N.Vijeyakumar/AIML Dr.R.Sudhakar/ECE Dr.N.Saravanakumar/ECE Dr.B.Vinoth Kumar/EEE Dr.K.Saranya/EEE Mr. Talluri Vineel Jessy/ECE	Design and Development of healthcare equipment	MEITY	May 2023	3 Years	1,39,80,000	In-progress
4.	Dr.S.Parveen/Chemistry	Nanostructured bi-functional metal Schiff base complexes and its spinel oxides for biological and energy storage applications	DST	April 2023	3 Years	33,02,620	In-progress
5.	Dr. D. Shanmugam/Auto	Polymer Based Natural Fiber Composite as Vibration Damper for Automotive Application	TNSCST	March 2023	6 Months	7,500	Completed
	Dr.K.Mohaideen Abdul Kadhar/ECE	Intelligent voice assisted Note maker	TNSCST	03 March 2023	6 Months	7,500	Completed
	Mr.V.Gurunathan/ECE	Plant Leaf diseases detection using computer based embedded system	TNSCST	03 March 2023	6 Months	7,500	Completed
	Ms.C.Jayashree/CSE	AR Kids application	TNSCST	03 March 2023	6 Months	7,500	Completed
6.	Dr.M. Selvakumar /Auto Ms.R. Nivetha /ECE Ms.C.Devipriya /CSE	1.Development of low cost Areca nut climbing and harvesting Machine with pesticide sprayer	TNSCST	11 March 2022	6 Months	23,000	Completed

S.No	Name of the Investigator & Department	Title of the Project	Funding Agency/ Scheme	Month & Year of Sanction	Project Duration	Sanctioned Amount (Rs.)	Status
		2.Performance evaluation of LoRa LPWAN technology for mountain search and rescue 3.Plant disease recognition for farmers					
7.	Dr.M. Selvakumar /Auto	Development of Automatic Jeeva-Amirtham (Organic Manure) Preparation Machine	EDII	02 Feb 2021	1 Year	2,50,000	Completed
8.	Dr.M. Selvakumar /Auto	Development of Coconut Dehusker and Fibre Separation Unit	EDII	22 Dec 2020	1 Year	2,50,000	Completed
9.	Dr.M. Selvakumar /Auto	Multi-Rotor Tractor Rotavator and Roto-Tiller	EDII	17 Nov 2020	1 Year	2,50,000	Completed
10.	Dr.M. Senthilarasi Dr.M.Bharathi, Dept. of ECE	Implementation of a Machine Learning Technique for Enhancing Women Safety at Public Women-only Spaces	DST	01 July 2020	2 Years	14,37,344	Completed
11.	Dr.Ramathirumurugan /Mech	Coconut Husk Pre Crushing Machine	EDII	June 2020 to June 2021	1 Year	2,82,000	Completed
12.	T.Sathiyaprana/ ECE S.Arulkumar / Auto	1. Battery free IoT devices based on RF Energy harvesting technique 2. Smart stair climbing wheelchair	TNSCST	March to Sept 2020	6 Months	15,000	Completed
13.	Dr.Rathinavelu /CSE	UGC scheme for mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education under PARAMARSH scheme	UGC	Oct 2019 to Sept 2020	1 Year	30,00,000	Completed

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14.	Dr.V.Lakshminarayanan/ EEE	Modernization of Sensor and Instrumentation Laboratory	AICTE	February 2020 to February 2022	1Year	2,50,272	Completed
15.	Dr.K.N.Vijeyakumar/ECE	Design of High Slew Rate, Low Offset and Low Drift Operational Amplifier (OPAMP) in 180nm SCL's CMOS Fabrication Technology	ISRO	Nov 2019 to Nov 2021	1Year	20,04,000	Completed

Seminar/Conference Grants

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
16.	Dr.RamaThirumurugan/ Mechanical	Electric Vehicle technologies and Battery Management system	CSIR	Sep 2023	2 days	20,000	In-progress
17.	Dr. B. Saravanakumar/ Physics	One day state level science exhibition	TNSCST	July 2023	One day	15,000	Completed
18.	Dr.K.Murali /Civil	Fundamentals and applications of textile reinforced concrete construction in India	Indian National Science Academy	August 2022	2 Days 28 th -29 th Oct 2022	50,000	Completed

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19.	Dr.D.Nathan / Mech	1.Expert Talk on Process of Innovation Development & Technology Readiness level & Commercialization of lab Technologies & Tech-Transfer 2.Workshop on Design Thinking 3.Workshop on Entrepreneurship skill, attitude and behavior Development 4.Workshop on IPR 5.Workshop on Business Plan Preparation	CIBIE	Feb to Mar 2022	2 Months	10,000	Completed
20.	Dr.S.Ramakrishnan / IT	Two days Virtual International workshop on Privacy Preserving Artificial Intelligence Techniques for machine learning	CSIR	Nov 2021	2 Days 26 th -27 th Nov 2021	10,000	Completed
21.	Dr.A.Sakthivel, Mr.J.Senthilkumar, Dept. of S&H	Scheme for promoting interests, creativity, and ethics among students (SPICES)	AICTE-SPICES	Sep 2021 to Aug 2022	1 Year	1,00,000	Completed
22.	Dr.I.Rajendran	ATAL program online FDP on '3D Printing and Design'	AICTE ATAL	July 2021	5 Days 06 th -10 th Jul 2021	93,000	Completed

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23.	Dr.R.Sudhakar Dr.V.K.Sudha, Dept. of ECE	Online FDTP on 'Signals and Systems'	AICTE	Jun 2021	07.06.2021 to 12.06.2021	30,000	Completed
24.	Dr.A.Rathinavelu / CSE	ATAL program online FDP on 'Augmented Reality (AR) / Virtual Reality (VR)'	AICTE ATAL	December 2020	5 Days 15 th -19 th Dec 2020	93,000	Completed
25.	Dr.S.Ramakrishnan/IT	International Conference on Data Analytics, Intelligent Systems and Information Security (ICDIIS'20)	AICTE	December 2020	2 Days 11 th -12 th Dec 2020	1,66,667	Completed
26.	Dr. A. Senthilkumar/EEE	ATAL program online FDP on 'Internet of Things IOT'	AICTE ATAL	September 2020	5 Days 14 th -18 th Sep 2020	93,000	Completed
27.	Dr.B.Saravanakumar/ S&H	Nanomaterials for Clean Energy and Environmental Applications	AICTE	Nov 2020	3 Slots 02 nd -07 th Nov 2020, 16 th -21 st Nov 2020, 23 rd -28 th Nov 2020	3,34,500	Completed
28.	Dr.G.Anupriya/ CSE	Federated Identity Management System in Cyberspace: Research Perspectives	AICTE	Aug & Sep 2020	3 Slots 17 th -22 nd Aug 2020, 07 th -12 th Sep 2020, 21 st -26 th Sep 2020	3,57,266	Completed

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29.	Dr.R.Venkatasubramani/Civil	Special Topics in Geotechnical Engineering	AICTE	Aug & Sep 2020	2 Slots 24 th -29 th Aug 2020, 07 th -12 th Sept 2020	2,47,833	Completed
30.	Dr.K.Vijeyakumar/EIE	STTP on Internet of Things for Healthcare	AICTE	Aug & Sep 2020	3 Slots 24 th -29 th Aug 2020, 07 th -12 th Sept 2020, 21 st -26 th Sept 2020	3,16,666	Completed
31.	Dr.A.Senthilkumar/EEE	International conference on "Renewable Energy and Sustainable Environment (RESE 2019)"	AICTE	December 2019	3 Days 12 th -14 th Dec 2019	5,00,000	Completed
32.	Dr.A.Senthilkumar/ EEE	International conference on "Renewable Energy and Sustainable Environment (RESE 2019)'	CSIR	December 2019	12.12.2019 to 14.12.2019	50,000	Completed
33.	Dr.V.Lakshminarayanan, Dr.S.Anthony Jesudurai, Mr.P.Kathirvel Dept. of EIE	MODROBS Funding - Modernization of "Sensors and Instrumentation laboratory"	AICTE	May 2019	1 Year	16,68,000	Completed