

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.)
2024-2025	5	5,50,050
2023-2024	2	5,90,000
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	103	6,10,57,942

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.	Mr. M. Mahendran /Auto	Small size vibration tester for Electric Vehicle Batteries	TNSCST	Oct 2024	6 Months	7500	Completed
	Ms.K.S. Sudhishna/IT	Decentralized crowd funding	TNSCST	Oct 2024	6 Months	7500	Completed
	Mr.J. Nagarajan/ EEE	Design and Development of IoT based smart glucometer	TNSCST	Oct 2024	6 Months	7500	Completed
	Mr.T.Kanagasabapathy/CSE	Security locking panel system using RFID Card	TNSCST	Oct 2024	6 Months	7500	Completed
	K.R.Gokul Anand/ECE	Mini Sprouting Machine	TNSCST	Oct 2024	6 Months	7050	Completed
	Dr.K.Umamaheswari/EEE	Automatic Solar PV panel cleaning system	TNSCST	Oct 2024	6 Months	7500	Completed
	Ms.S.Thilagavathi/ECE	Wearable security alert system for women safety in public places	TNSCST	Oct 2024	6 Months	5500	Completed
	Dr.M.Mariyappan/Civil	Experimental study on GGBS and flyash based light weight bricks	TNSCST	Oct 2024	6 Months	7500	Completed
	Dr.N.Senthil Madasamy/CSE	Yoga and Exercise via virtual reality	TNSCST	Oct 2024	6 Months	7500	Completed
2.	Dr.Ramathirumurugan /Mech	Self- Recharging Internal Frame Electric Bicycles	MSME	August 2023	1 Year	5,75,000	In-progress
3.	Dr.M.Selvakumar / Auto	Development of EV-Fiber Rotavator for Coir Industries	EDII	May 2023	1 Year	3,21,000	In-progress
4.	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

S.No	Name of the Investigator & Department	Title of the Project	Funding Agency/ Scheme	Month & Year of Sanction	Project Duration	Sanctioned Amount (Rs.)	Status
5.	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
6.	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
7.	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 2.Performance evaluation of LoRa LPWAN technology for mountain search and rescue 3.Plant disease recognition for farmers	TNSCST	11 March 2022	6 Months	23,000	Completed
8.	Dr.M. Selvakumar /Auto	Development of Automatic Jeeva-Amirtham (Organic Manure) Preparation Machine	EDII	02 Feb 2021	1 Year	2,50,000	Completed
9.	Dr.M. Selvakumar /Auto	Development of Coconut Dehusker and Fibre Separation Unit	EDII	22 Dec 2020	1 Year	2,50,000	Completed

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10.	Dr.M. Selvakumar /Auto	Multi-Rotor Tractor Rotavator and Roto-Tiller	EDII	17 Nov 2020	1 Year	2,50,000	Completed
11.	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
12.	Dr.Ramathirumurugan /Mech	Coconut Husk Pre Crushing Machine	EDII	June 2020 to June 2021	1 Year	2,82,000	Completed
13.	T.Sathiyaprina/ ECE S.Arulkumar / Auto	1. Battery free IoT devices based on RF Energy harvesting technique 2. Smart stair climbing wheelchair	TNSCST	March2020	6 Months	15,000	Completed
14.	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
15.	Dr.V.Lakshminarayanan/ EEE	Modernization of Sensor and Instrumentation Laboratory	AICTE	February 2020 to February 2022	1Year	2,50,272	Completed
16.	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/FDP/Conference Grants

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
17.	Dr B Vinoth Kumar/EEE Mr A Venkatesh /EEE	Revolutionizing Electric Vehicle Powertrains: The Role of WideBandgap Semiconductors in Overcoming Challenges and Shaping Future Trends	AICTE - ATAL	Nov 2024	6 Days	1,00,000	In-progress
18.	Dr.N.Natarajan/Civil	Artificial intelligence and machine learning in civil engineering	AICTE - ATAL	July 2024	6 Days	3,50,000	In-progress
19.	Dr. V.Umadevi/Physics	State Level Science Exhibition and Project Competition	TNSCST	Oct 2024	One Day	20,000	In-progress
20.	Dr. V.Umadevi/Physics	One day State Level Exhibition on Innovative ideas in Science and Engineering	TNSCST	Sep 2024	One Day	15,000	Completed
21.	Dr. B. Saravanakumar/ Physics	One day state level science exhibition	TNSCST	July 2023	One day	15,000	Completed
22.	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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23.	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
24.	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
25.	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
26.	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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27.	Dr.R.Sudhakar Dr.V.K.Sudha, Dept. of ECE	Online FDTP on 'Signals and Systems'	Anna University	Jun 2021	07.06.2021 to 12.06.2021	30,000	Completed
28.	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
29.	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
30.	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
31.	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
32.	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

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
33.	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
34.	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
35.	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
36.	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
37.	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