

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.)
2025-2026*	1	1,00,000
2024-2025	8	98,80,050
2023-2024	1	15,000
2022-2023	5	1,86,32,340
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	106	7,08,61,662
2025-2026* - till AUG 2025		

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.D.Sivaganesan/CSE	Contactless Doorbell using IoT	TNSCST	May 2025	6 Months	7500	In-progress
	Mr. Shafeek A/ECE	Low cost portable audiometer for hearing ability test	TNSCST	May 2025	6 Months	7500	
	Dr.M. Selva kumar/AUTO	Smart clothing for elderly fall protection: Design, development and testing	TNSCST	May 2025	6 Months	7500	
	Mrs. M. Rajalakshmi/AIDS	Voice Controlled Email System	TNSCST	May 2025	6 Months	7500	
2.	Dr.Ramathirumurugan /Mech	AICTE IDEA LAB	AICTE	Jan 2025	2 Years	90,00,000	In-progress
3.	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

S.No	Name of the Investigator & Department	Title of the Project	Funding Agency/ Scheme	Month & Year of Sanction	Project Duration	Sanctioned Amount (Rs.)	Status
	Dr.N.Senthil Madasamy/CSE	Yoga and Exercise via virtual reality	TNSCST	Oct 2024	6 Months	7500	Completed
4.	Dr.M.Selvakumar / Auto	Development of EV-Fiber Rotavator for Coir Industries	EDII	May 2023	1 Year	3,21,000	In-progress
5.	Dr.K.N.Vijeyakumar/ECE Dr.R.Sudhakar/ECE Dr.N.Saravanakumar/ECE Dr.B.Vinoth Kumar/EEE Dr.K.Saranya/EEE Mr. Talluri Vineel Jessy/ECE	Design of 16 channel High Gain Low Power Low Noise Neural Signal Amplifier Front end Using SCL's 180nm CMOS Fabrication Technology for EEG Monitoring System	MEITY	May 2023	3 Years	1,39,80,000	In-progress
6.	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	42,51,340	In-progress
7.	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
8.	Dr.M. Selvakumar /Auto	1.Development of low cost	TNSCST	11 March 2022	6 Months	23,000	Completed

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	Ms.R. Nivetha /ECE Ms.C.Devipriya /CSE	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					
9.	Dr.M. Selvakumar /Auto	Development of Automatic Jeeva-Amirtham (Organic Manure) Preparation Machine	EDII	02 Feb 2021	1 Year	2,50,000	Completed
10.	Dr.M. Selvakumar /Auto	Development of Coconut Dehusker and Fibre Separation Unit	EDII	22 Dec 2020	1 Year	2,50,000	Completed
11.	Dr.M. Selvakumar /Auto	Multi-Rotor Tractor Rotavator and Roto-Tiller	EDII	17 Nov 2020	1 Year	2,50,000	Completed
12.	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
13.	Dr.Ramathirumurugan /Mech	Coconut Husk Pre Crushing Machine	EDII	June 2020 to June 2021	1 Year	2,82,000	Completed
14.	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
15.	Dr.Rathinavelu /CSE	UGC scheme for mentoring NAAC Accreditation Aspirant Institutions to promote Quality	UGC	Oct 2019 to	1 Year	30,00,000	Completed

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		Assurance in Higher Education under PARAMARSH scheme		Sept 2020			
16.	Dr.V.Lakshminarayanan/ EEE	Modernization of Sensor and Instrumentation Laboratory	AICTE	February 2020 to February 2022	1Year	2,50,272	Completed
17.	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
18.	Dr.Ramathirumurugan /Mech	AI Driven Materials Discovery and Design : A New frontier in materials science	AICTE - FDP	Jul 2025	5 Days	1,00,000	In-progress
19.	Dr.Chitra L/ S&H	Emerging Trends in Functional Materials and Green Materials for a Sustainable World	AICTE-GoC	Apr 2025	1 Day	3,00,000	In-progress
20.	Dr B Vinoth Kumar/EEE Mr A Venkatesh /EEE	Revolutionizing Electric Vehicle Powertrains: The Role of WideBandgap Semiconductors in Overcoming Challenges	AICTE - ATAL	Nov 2024	6 Days	1,00,000	Completed

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
		and Shaping Future Trends					
21.	Dr.N.Natarajan/Civil	Artificial intelligence and machine learning in civil engineering	AICTE - ATAL	July 2024	6 Days	3,50,000	Completed
22.	Dr. V.Umadevi/Physics	State Level Science Exhibition and Project Competition	TNSCST	Oct 2024	One Day	20,000	Completed
23.	Dr. V.Umadevi/Physics	One day State Level Exhibition on Innovative ideas in Science and Engineering	TNSCST	Sep 2024	One Day	15,000	Completed
24.	Dr. B. Saravanakumar/ Physics	One day state level science exhibition	TNSCST	July 2023	One day	15,000	Completed
25.	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

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
26.	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
27.	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
28.	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
29.	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

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
30.	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
31.	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
32.	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
33.	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
34.	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
35.	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
36.	Dr.R.Venkatasubramani/Civil	Special Topics in	AICTE	Aug & Sep	2 Slots	2,47,833	Completed

S.No	Name of the Co-ordinator & Department	Title	Funding Agency/ Scheme	Month & Year	Duration	Sanctioned Amount (Rs.)	Status
		Geotechnical Engineering		2020	24 th -29 th Aug 2020, 07 th -12 th Sept 2020		
37.	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
38.	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
39.	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
40.	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