Dr. Mahalingam College of Engineering and Technology, Pollachi-642003

(An Autonomous Institution)

Office of Dean Research & Innovation

Major Funded Project Details

September 2026

S. No.	Name of the Investigators & Department	Title of the Project	Funding Agency	Sanctioned Amount (Rs.)	Academic year & Sanctioned Amount (Rs.)
1.	Dr. P. Harihara Sakthi Sudhan/Mech	Leak-Proof Flexible Kevlar-Reinforced Fuel Tank for Extreme Defense Environments	Tamil Nadu Research Park Foundation	38,00,000/-	**Rs. 1,07,15,000/- (Year:2026-27)***
2.	Dr.N.Saravanakumar/ECE	Visvesvaraya PhD Scheme for Electronics and IT" –Full time scheme	MEITY	39,65,000/-	
3.	Dr.M.Kaliamoorthy/EEE Dr.K. RameshKumar/EEE	Low-Cost Smart DC Fast Charger for Two-Wheeler Electric Vehicles with Integrated Payment and Authentication	AICTE	29,50,000/-	
4.	Ms. A. Selvanayakam/ EEE	AQUA SALVIA MINI – Semi-Automated Solar-Powered Desalination Plant for Coastal Drinking Water	MSME	12,75,000/-	**Rs. 5,38,44,500/- (Year: 2025-26)**
5.	Dr.K. Vijayakumar/EEE Dr.K.Rameshkumar/EEE Mr.P.Kathirvel /EC(ACT)	Indigenous VEGA CPU Based Renewable Energy Powered DC Fast Charger / MeitY	MEITY	4,98,00,000/-	
6.	Dr. D. Ganesh Kumar/EEE	StartupTN Pre- Incubation Centre	Startup TN	7,50,000/-	
7.	Dr.D.Nathan/MECH	Development of Battery Operated Autonomous E-pith Cultivator	MSME	14,00,000/-	
8.	Minor grants & Seminar grants		AICTE, TNSCST, Govt. of TN	6,19,500/-	
9.	Dr.N.Saravanakumar/ECE	Visvesvaraya PhD Scheme for Electronics and IT" –Full time & Part time schemes	MEITY	71,60,800/-	**Rs. 1,67,20,050/- (Year:2024-25)**
10.	Dr.Ramathirumurugan /Mech	AICTE IDEA LAB	AICTE	90,00,000/-	
11.	Minor grants & Seminar grants		AICTE, TNSCST	5,59,250/-	
12.	Dr.S.Parveen/Chemistry	Nanostructured bi-functional metal Schiff base complexes and its spinel oxides for biological and energy storage applications	DST	37,73,500/-	**Rs. 37,88,500/- (Year:2023-24)**
13.	Minor grants & Seminar grants		TNSCST	15,000/-	
14.	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	1,39,80,000/-	**Rs. 1,43,81,000/- (Year:2022-23)**
15.	Dr.S.K.Ashok/ Auto	Development of EV-Fiber Rotavator for Coir Industries	EDII	3,21,000/-	
16.	Minor grants & Seminar grants		TNSCST, INSA	80,000/-	

S. No.	Name of the Investigators & Department	Title of the Project	Funding Agency	Sanctioned Amount (Rs.)	Academic year & Sanctioned Amount (Rs.)
17.	Dr.A.Sakthivel /EEE Mr.J.Senthilkumar/ECE	AICTE-scheme for promoting interests, creativity and ethics among students (SPICES)	AICTE	1,00,000/-	**Rs. 2,76,000/-** **(Year:2021-22)**
18.	Minor grants & Seminar grants		AICTE, CSIR, TNSCST	1,76,000/-	
19.	Dr.M. Senthilarasi/ECE Dr.S.Bharathi/ECE	Implementation of a Machine Learning Technique for Enhancing Women Safety at Public Women-only Spaces	DST	14,37,000/-	**Rs.31,87,000/-** **(Year:2020-21)**
20.	Dr.M.Selvakumar/Auto	Development of Coconut Dehusker and Fibre Separation Unit	EDII	2,50,000/-	
21.	Dr.M.Selvakumar/Auto	Development of Automatic Jeeva-Amirtham (Organic Manure) Preparation machine	EDII	2,50,000/-	
22.	Dr.M.Selvakumar/Auto	Multi-Rotor Tractor Rotavator and Roto-Tiller	EDII	2,50,000/-	
23.	Dr.Ramathirumurugan/Mech	Coconut Husk Pre Crushing Machine	EDII	2,82,000/-	
24.	Minor grants & Seminar grants		AICTE, Anna University	7,18,000/-	

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