



**THIAGARAJAR COLLEGE OF ENGINEERING**  
(A Government Aided Autonomous Institution Affiliated to Anna University  
Approved by AICTE, Ranked in NIRF, Programmes Accredited by NBA  
Accredited with A+ Grade (3.47 out of 4) by NAAC in Cycle 1)  
MADURAI 625015, Tamil Nadu

**68**  
YEARS  
1957-2025  
Celebrating  
Academic Excellence

**LIST OF RESEARCH GRANTS RECEIVED BY THE INSTITUTION AND ITS  
FACULTIES THROUGH GOVERNMENT AND NON-GOVERNMENT SOURCES**

**2023-2024**

Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
Dr B Sankar	Developing Metal-Organic Frameworks (MOFs) materials for Heavy Metal Removal from Industrial Wastewater	DST- Start-up Research Grant	2 Years	2023	4,00,000
Dr.R.Vasudevan, Dr.A.Ramalinga Chandra Sekar	Plastic Waste Management	Ministry of Environment, Forest, and Climate Change	6 Years	2023	24,04,000
Dr.S.J.Thiruvengadam, Dr.M.N.Suresh, Dr.P.G.S.Velmurugan	Exploration of channel emulators for controlled speech signal transmissions on radio channels for ASR	DRDO (CAIR, Bangalore)	1.5 Years	2022	15,27,000
Dr.N.Ayyanar, Dr.G.Prabhakar	Fabrication of enhanced sensitivity curvature sensor using photonic crystal fiber and behavior prediction based on auto encoded dense neural network	SERB - SURE (State University Research Excellence)	3 Years	2023	24,18,000
Dr J Dharani	Block chain assisted self-sovereign Identity Management	Anna University - Centre for Research - Seed Research Grant	1 Year	2024	1,00,000
Dr P Jeyadurga	Designing and Development of Variables X-bar Control Chart based on Median Run Length under Special Purpose Sampling Procedures	DST -SERB - Core Research Grant	3 Years	2023	21,22,000
Dr.A.Ramalinga Chandra Sekar	Plastic Road Project	Honeywell Technology Solutions	1 Year	2023	7,89,000
Dr S Mercy Shalinie, Dr M Vijayalakshmi	Quantum Safe Cloud Storage Security Solution for Healthcare Services	Ministry of Electronics and Information Technology	2 Years	2023	NIL
Dr.S.Baskar, Dr.K.Chockalingam, Dr.P.Venkatesh, Dr.A. Valan Arasu, Dr.K.Srithar, Dr.S.Charles Raja	Fund for Improvement of S&T Infrastructure Scheme	DST -FIST	5 Years	2020	NIL
Dr.P.Chitra, S Balaji	Accelerating the machine learning models for Sacrificial anodebased corrosion protection method for Engineering systems	All India Technical Council for Research Education - Research Promotion Scheme (AICTE-RPS)	3 Years	2022	NIL



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Dr.M.Kottaisamy, Dr.M.Palaninatharaja, Dr.M.Velayudham	Development of smart cloth using carbon nano tube reinforced nano composites	Ministry of Textiles - National Technical Textiles Mission	3 Years	2023	NIL
Dr.B.Sathyabama, Dr.S.Mohamed Mansoor Roomi, Dr.S.Karthikeyan,	Archival, Classification of Madurai's Chithirai Festival Attire Rich Dances and Rituals using Deep Learnt Features and Labanotation Generation for their Preservation.	DST - SHRI (Science and Heritage Research Initiative)	3 Years	2024	NIL