



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



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

2018-2019

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.
Ms.T.Manju Dr.D.Tamilselvi	Virtual Reality based Cognitive Rehabilitation for Autism Children to improve their Social Behavior	Department of Science and Technology - Cognitive Science Research Initiative (DST -CSRI)	3 Years	2018-2021	33,78,800
Dr.S.Mercy Shalinie & Dr.G.Madhu Priya	Differential Binary Loader	M/S Honeywell Technology Solution Lab	1 year	2018-2019	1,57,500
Dr.S.J.Thiruvengadam Dr.M.N.Suresh Dr.P.G.S. Velmurugan	Development of Signal Processing Algorithms for enhancement of Clipped Region and Estimation of SNR in Automatic Speaker Recognition Systems	Research and Innovation Centre , Defence Research and Development Organisation (RIC, DRDO), Chennai	1 year	2018-2019	11,10,000
Dr.B.Sathyabama	Estimation and Quantification of Pesticide Residues in Fruits and Vegetables using a Vision based Approach	Science and Engineering Research Board - Empowerment and Equity Opportunities for Excellence in Science (SERB- EMEQ)	2 Years	2019-2020	38,34,906
Dr.K.Rajeswari	Development and implementation of Signal processing algorithm to enhance the Subconscious Controllability of Prosthetic Arm using EMG Signal	All India Technical Council for Research Education - Research Promotion Scheme (AICTE-RPS)	3 Years	2019-2021	10,00,000
Dr.J.Jinu Loudishida Kitchley	MODernisation and Removal of OBSolence (AICTE MODROBS)	All India Technical Council for Research Education - MODernisation and Removal of OBSolence (AICTE MODROBS)	2 Years	2019-2020	12,00,000
Dr.S. Mohamed Mansoor Roomi Dr.R.Suganya	Image Processing based Name plate Digitalization	M/S Alfa TKG integrated solutions private Limited	2 Years	2019-2020	9,99,339
Dr.R. Vasudevan Dr.A.Ramalinga Chandra sekar	Plastic Waste Management	Ministry of Environment , Forest and Climate Change	6 years	2017-2023	86,77,810
Dr.R. Vasudevan	Waste Management (Solid Waste,Biomedical Waste, Plastic Waste, E-Waste, construction and Demolition waste)	Ministry of Environment , Forest and Climate Change	3 Years	2018-2021	31,90,000



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YEARS
1957-2023
Celebrating
Academic Excellence

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Dr.S.Charles Raja	Design of neural network-based new demand side management system for Educational Institutions	Science and Engineering Research Board - Early Carrer Research Award (SERB -ECRA)	3 Years	2017-2020	6,71,989
Dr.S.Chandran	Study on the reclamation of wasteland using treated/untreated urban waste water	Science and Engineering Research Board - Empowerment and Equity Opportunities for Excellence in Science (SERB- EMEQ)	3 Years	2018-2021	19,06,000
Dr.G.Kumaraguruparan	Development of micro channel based personal cooling systems for fire fighters	Department of Science and Technology - Creation of Capital Assets	3 Years	2016-2019	5,20,000