



GRANT RECEIVED / APPLIED

RESEARCH INITIATIVES TAKEN BY THE DEPARTMENT FACULTY MEMBERS:

Funding Proposals Applied and Sanctioned

ACADEMIC YEAR 2022-2023

S.No.	Name of the Funding Agencies	Type of the Event	Fund Proposed	Faculty Coordinator	Status
1.	Center for faculty development, Anna University	FDP- Networking and Security	Rs.25000	Dr.A.Umaamaheshvari Mrs.R.Bavithra Ms.S.Shanmugapriya	Applied
2.	Center for faculty development, Anna University	FDP- Artificial Intelligence and Machine leaning	Rs.25000	Dr.S.Jothilakshmi Mrs.K.Gomathi	Applied
3.	CSIR-HRDG	National Level Workshop on Manufacturing and Testing of Hybrid Nano composite Materials	Rs.25000	Dr.S.Nagaraja Dr.A.Karthik Mr.C.Rajasekar Mr.S.Vinoth	Applied
4.	Center for faculty development, Anna University	FDP- Heat and Mass Transfer	Rs.25,000	Dr.S.Nagaraja Mr.V.Sureshkumar	Applied
5.	CSIR-HRDG	National Level Seminar onHydrogen Fuel Cell technology an alternative to Gasoline Propelled Engines – a Sustainable energy for the future	Rs.1,00,000	Dr.S.Nagaraja Dr.A.Karthik Mr.V.Sureshkumar	Applied
6.	Tamilnadu State Council for Science and Technology	International Conference on Material Science and Manufacturing Technology	Rs. 25,000	Dr.R.Sivakumar	Sanctioned
7.	Tamilnadu State Council for Science and Technology	Project on “360° Rotating Conveyor”	Rs.7500	Mr.M.Selvaraju	Sanctioned

8.	Tamilnadu State Council for Science and Technology	Project on “Bubble deck Slab”	Rs.7500	Mr.J.Robinson	Sanctioned
9.	Tamilnadu State Council for Science and Technology	Project on “Detecting Twitter Cyberbullying using Machine Learning with Big Data”	Rs.7500	Mrs.K.Veena	Sanctioned
10.	Foundation for Advancement for Education and Research (FAER)	Project on “Hybrid Palm Tree Climber”	Rs.30,000	Mr.V.Sureshkumar	Applied
11.	Foundation for Advancement for Education and Research (FAER)	Project on “TRICOLORS _ Transportation Intelligence Controller Unit”	Rs.50,000	Dr.S.Jothilakshmi	Applied
12.	Foundation for Advancement for Education and Research (FAER)	Project on “Vehicle Safety System using IoT”	Rs.40,000	Mrs.K.Veena	Applied
13.	Foundation for Advancement for Education and Research (FAER)	Project on “College Enquiry Chatbot System using Artificial Intelligence”	Rs,1,00,000	Dr.S.Jothilakshmi	Applied
14.	Foundation for Advancement for Education and Research (FAER)	Project on “ACL Injury Indicator for Sports Person”	Rs.50,000	Ms.S.Shanmugapriya,	Shortlisted in 1st Round
15.	Foundation for Advancement for Education and Research (FAER)	Project on” Automatic Leucocytes classification Techniques using Deep Learning”	Rs.50,000	Mrs.M.Nisha	Shortlisted in 1st Round
16.	Tamilnadu State Council for Science and Technology	Project on “Design and Development of Helipad using Composite Matrix Materials with High Impact Seismic Stability”	Rs.10,000	Dr.Edwin Fernando	Applied
17.	Tamilnadu State Council for Science and Technology	Project on “Wasre Management System and Analyzer”	Rs.5000	Mrs.R.Bavithra	Applied
18.	Tamilnadu State Council for Science and Technology	Project on “Wasre Management System and Analyzer”	Rs.10,000	Ms.S.Shanmugapriya	Applied

19.	Tamilnadu State Council for Science and Technology	Project on “Anterior Cruciate Ligament (ACL) injury for sports person”	Rs.5000	Ms.S.Shanmugapriya	Applied
20.	Tamilnadu State Council for Science and Technology	Project on “Cryptocurrency price prediction using Machine learning Techniques”	Rs.70,000	Dr.S.Jothilakshmi	Applied
21.	Tamilnadu State Council for Science and Technology	Project on “IoT based Hydroponic System of Natural Farming-Roof Top Gardening”	Rs,10,000	Mrs.K.Nimisha	Applied
22.	Tamilnadu State Council for Science and Technology	Project on “Smart Walking assist for vision impaired people”	Rs.5000	Dr.K.Sivasankari	Applied
23.	Tamilnadu State Council for Science and Technology	Project on “Wearable Device Technology and its Applications to the Mining Industry”	Rs.5000	Mrs.K.Nimisha	Applied
24.	Tamilnadu State Council for Science and Technology	Project on “Live human Detection Robot for Earthquake Rescue Operation using GSM and GPS”	Rs.4500	Dr.A.Karthik	Applied
25.	Tamilnadu State Council for Science and Technology	Project on “Li-Fi based Smart Vehicle”	Rs,3700	Mr.C.Rajasekar	Applied
26.	Tamilnadu State Council for Science and Technology	Project on “Text Emotion Detection using Machine Learning and NLP”	Rs.50,000	Mrs.M.Nisha	Applied
27.	Tamilnadu State Council for Science and Technology	Project on “College Enquiry Chatbot System using Artificial Intelligence”	Rs.50,000	Mrs.K.Veena	Applied
28.	Tamilnadu State Council for Science and Technology	Project on “Timesheet Automation”	Rs.50,000	Mrs.K.Malarvizhi	Applied
29.	Tamilnadu State Council for Science and Technology	Project on “Partial Replacement of Bitumen by Rubber Plastic”	Rs.11,000	Mrs.Padmaja P Kumar	Applied
30.	Tamilnadu State Council for Science and Technology	Project on “Manufacture of Paver Block with	Rs.7,250	Mr.M.Sheik Mohamed Anas	Applied

		Flyash and Plastic wastes”			
31.	Tamilnadu State Council for Science and Technology	Project on “TRICOLORS _ Transportation Intelligence Controller Unit”	Rs.33,510	Dr.S.Jothilakshmi	Applied
32.	Tamilnadu State Council for Science and Technology	Project on “Differential Locking System”	Rs.9,210	Mr.O.Sathish	Applied
33.	Tamilnadu State Council for Science and Technology	Project on “Highway Wind Power Generation”	Rs.5750	Mr.V.Suresh Kumar	Applied
34.	Tamilnadu State Council for Science and Technology	Project on “RC Solar Lake Pole Cleaner Drone”	Rs.5,900	Mr.O.Sathish	Applied
35.	Tamilnadu State Council for Science and Technology	Project on “Automatic Braking system”	Rs.3,300	Mr.V.Suresh Kumar	Applied
36.	MSME IDEA HACKATHON 2.0	Project on “Grey Water Recycling”	Rs.6,50,000	Mr.M.Sheik Mohamed Anas	Applied
37.	MSME IDEA HACKATHON 2.0	Project on “Hybrid Palm tree Climber”	Rs.3,25,000	Mr.V.Suresh Kumar	Applied
38.	MSME IDEA HACKATHON 2.0	Project on “Health Monitoring Vest”	Rs.4,70,000	Dr.A.Karthik	Applied
39.	MSME IDEA HACKATHON 2.0	Project on “Autonomous fire Alarm using GSM”	Rs.7,50,000	Mr.C.Rajasekar	Applied
40.	MSME IDEA HACKATHON 2.0	Project on “Autonomous Life Jacket with GPS Location”	Rs.7,50,000	Mr.Vinoth	Applied
41.	MSME IDEA HACKATHON 2.0	Project on “Domestic Animal Monitoring System”	Rs.30,000	Mrs.R.Bavithra	Applied

42.	MSME IDEA HACKATHON 2.0	Project on “IMPVU-Intelligence Milk Process & Vending Unit”	Rs.1,00,000	Mr.J.Sevugan Rajesh	Applied
43.	MSME IDEA HACKATHON 2.0	Project on “Smart Agricultural Robot”	Rs.7,00,000	Ms.S.Shanmugapriya	Applied
44.	MSME IDEA HACKATHON 2.0	Project on “Implementation of Solar Heat Sink Towards Green Ecomnomy”	Rs20,000	Mrs.K.Nimisha	Applied
45.	MSME IDEA HACKATHON 2.0	Project on “Pollution Free Future”	Rs.2,00,000	Mrs.R.Bavithra	Applied
46.	MSME IDEA HACKATHON 2.0	Project on “Smart Walking assist for vision impaired people”	Rs.40,000	Dr.K.Sivasankari	Applied
47.	TECHgium L&T Technology Services	Project on “Aperture Load Balancer for Real-Time Data Traffic with HA Features”	-	Dr.S.Jothilakshmi	Applied

ACADEMIC YEAR 2021-2022

S.No.	Name of the Funding Agencies	Type of the Event	Fund Proposed	Faculty Coordinator	Status
1.	Institution's Innovation Council, MoE's Innovation Cell	Impact Lecture Sessions [Session I- Intellectual Property Rights Filing Procedure & Start-up and Innovations] [Session II-Role of Entrepreneurship Development in HEIs & Role of incubators on Innovation development in HEIs	Rs.12,000	Dr.K.Sivasankari, IIC President, ACET Prof.K.Nimisha, IIC Convener, ACET Prof.N.Suresh, IEDC Co-ordinator, ACET	Sanctioned
2.	Institution of Engineers(India) [Seminars/Conferences]	-	5,000	Principal, ACET	Sanctioned
3.	Tamil Nadu State Council for Science & Technology(TNSCST)-	Science and Technology Capacity Building Programme	1,50,000	Dr.N.Mathan Kumar	Sanctioned
4.	Teacher Training Programme	-	2,04,000	Principal, ACET	Sanctioned
5.	Foundation for Advancement for Education and Research (FAER)	Project on "Smart Walking assist for vision impaired people"	Rs.3779	Ms.V.Indhu	Sanctioned
6.	Foundation for Advancement for Education and Research (FAER)	Project on "Implementation of EV charging using Renewable energy for Electric Vehicle"	Rs.10,000	Ms.S.Shanmugapriya	Applied
7.	Foundation for Advancement for Education and Research (FAER)	Project on "Implementation of Plant Disease identification and crop monitoring using Raspberry pi 3B+"	Rs.9,000	Mrs.R..Kiruthikaa	Applied

8.	Foundation for Advancement for Education and Research (FAER)	Project on “Smart Farm using Swarm Robots”	Rs.20,000	Mrs.A.Ambika	Applied
9.	TECHgium L&T Technology Services	Project on “Integration of Block chain to the IoT data transfer with several Authentication”	-	Dr.S.Jothilakshmi	Applied
10.	CSIR-HRDG	National Level Seminar on Hydrogen Fuel Cell technology an alternative to Gasoline Propelled Engines – a Sustainable energy for the future	Rs. 50,000	Dr.S. Nagaraja Dr.J. Jaya	Applied

ACADEMIC YEAR 2019-2020

S. No.	Name of the Funding Agencies	Type of the Event	Fund Proposed	Faculty Coordinator	Status
1.	Institution of Engineers(India) [Seminars/Conferences]	-	1,10,000	Principal, ACET	Sanctioned
2.	Mitsubishi Electric Cup 2020	National Level Automation Competition	-	Prof.R.Balakrishnan	Participated
3.	Mitsubishi Electric Cup 2020	National Level Automation Competition	-	Prof.Dr.R.Sivakumar	Participated
4.	Foundation for Advancement for Education and Research (FAER)	Project on “Sentimental Analyzer using AI”	-	-	Shortlisted in 1st Round
5.	Foundation for Advancement for Education and Research (FAER)	Unmanned H_2O Shower 2.0	Rs.9,730	Prof.R.Balakrishnan	Applied
6.	Foundation for Advancement for Education and research (FAER)	Project on “IoT based BorderAlerting System for Fishermen using Wi-Fi Module”	Rs.9.700	Prof.Dr.R.Sivakumar	Applied
7.	Center for faculty development, Anna University	FDP- Industrial Automation	Rs70,000	Dr.R.Sivakumar Mr.C.Rajasekar	Applied
8.	Center for faculty development, Anna University	FDP- Fluid Mechanics and Machinery	Rs30,000	Mr.V.Mohankumar Mr.C.Rajasekar	Applied
9.	DST-SERB	Monitoring and improving the fuel Atomization along with combustion characteristics through analysis using computational fluid dynamics for Bio diesel-Nano additives propelled diesel Engine	Rs.1,00,000	Dr.S.Nagaraja	Applied
10.	ISRO	National Level Seminar on Hydrogen fuel cell technology – a sustainable energy for the future space research	Rs.90,000	Dr.S. Nagaraja Dr.J. Jaya	Applied
11.	The Institution of Engineers	Two days Workshop with Hands on session Construction and optimization of E-vehicle battery Tecnology	Rs.30,000	Dr.N.Mathan Kumar Mr.N.A.Raj Giri	Applied

12.	ISRO	Li-Ion Battery cell Technology – a sustainable energy for the future automobile research	Rs.90,000	Dr.S. Nagaraja	Applied
-----	------	--	-----------	----------------	---------

ACADEMIC YEAR 2018-2019

S.No	Name of the Funding Agencies	Type of the Event	Fund Proposed	Faculty Coordinator	Status
1.	Mitsubishi Electric Cup 2020	National Level Automation Competition	-	Prof.S.Madhavapan diyan	Participated
2.	FAER McAfee Scholar Awards 2018-19	FAER McAfee Scholar Award	Rs.10,000	Mr.T.Boobalan	Sanctioned
3.	Institution of Engineering (IEI)	Evolving trends in structural Monitoring and Rehabilitation	Rs. 30,000	Mr.T.Boobalan	Sanctioned

ACADEMIC YEAR 2017-2018

S.No	Name of the Funding Agencies	Type of the Event	Fund Proposed	Faculty Coordinator	Status
1.	FAER McAfee Scholar Awards 2017-18	FAER McAfee Scholar Award	Rs.1,00,000	Mr.T.Boobalan	Sanctioned

ACADEMIC YEAR 2016-2017

S.No	Funding Agency	Scheme and Title of Proposal	Grant Requested	Name of the Investigator	Status
1.	FAER - McAfee Scholar Awards 16-17	-	Rs. 30,000		Sanctioned
2.	Mitsubishi Electric Cup 2017	-	Rs.79,670		Sanctioned
3.	ICMR – Indian Council of Medical Research	ICMR Sponsored seminar IoT Healthcare	Rs.1,30,000	Principal, ACET	Applied

ACADEMIC YEAR 2013-2014

S.No	Name of the Funding Agencies	Type of the Event	Fund Proposed	Faculty Coordinator	Status
1.	DRDO	One-day National level Workshop on Nanoscience and Nanotechnology for Sustainable concrete – eco friendly construction	Rs.71,000	Dr.T.Valliyappan Mr.S.Yuvaraj	Applied
2.	UGC	One day workshop on virtual Instruments for Automating Measurements and Processing Signal data	Rs.1,30,000	Principal, ACET	Applied
3.	DST (SERB)	One day National level Technical symposium on Recent advancements in civil Engineering (RACE'15)	Rs.1,10,000	Dr.T. Valliyappan	Applied
4.	CSIR	Two days national level workshop on Detection and diagnosis of tumor cells based on image classification and feature extraction techniques	Rs.1,10,000	Principal, ACET	Applied
5.	DRDO	Two days national level workshop on Computer aided detection system for food quality evaluation	Rs.50,000	Principal, ACET	Applied
6.	DST- SERB	One day National level Technical symposium on advancements in Electrical Engineering : Addressing	Rs.1,25,000	Principal, ACET	Applied

		power quality & Energy conservation			
7.	INSA	One day National level seminar on Green Energy : Green Initiatives in Energy and Environment	Rs.50,000	Principal, ACET	Applied
8.	INSA	One day National level seminar on Research Issued and Advancements of Nanoscience and Nanotechnology in Civil Engineering.	Rs.50,000	Dr.T.Valliyappan	Applied
9.	DSC	One days national level workshop Environmental policy and Regulation development	Rs.40,000	Dr.T.Valliyappan	Applied
10.	DRDO	One days national level workshop on Nanoscience and Nanotechnology for sustainable concrete – Echofriendly construction	Rs.33,000	Dr.T.Valliyappan	Applied