3.1.1. Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (5)

IT

2020

10000

1 day

Machine Learning Techniques using PyTorch Mr.A. Anand

2019-2020 Name of the Principal Department Amount Link to Year of **Duration of the** Name of the Funding Type (Government/non-Name of the Project/ Endowments, Chairs Investigator/Coof Principal Sanctioned funding agency Award **Government**) project Agency investivator Investigator (INR) website B. Divya (Full Time Intelligent post harvest monitoring & Tamilnadu State Council Research Scholar) under controlling system using wireless sensor ECE 2019 300000 24 Months for Science & Government https://www.tanscst.nic.in/ the guidance of Dr. M. Technology(TNSCST) network Santhi MODROBS - Modernization of All India Council for Communication Laboratory with Software **ECE** 2019 1200000 Dr. M. Santhi 12 Months Technical Government https://www.aicte-india.org/ Defined Radio and removal of Obsolescent Education(AICTE) Equipment Novel Design & Control Strategies and All India Council Innovative Technical Practices in LV/HV Dr.C.Krishnakumar EEE 2019 300000 1 week forTechinical Education Government https://www.aicte-india.org/ Modern Switch Gear (AICTE) Design and Fabrication of Power https://www.ieindia.org/webui/IEI-ElectronicInterface for Fixing and Removal Dr.C.Krishnakumar and The Institution of EEE 2019 30000 9 Months Government of Bearing and Coupling in Mechanical Dr.S.Thamizharasan Engineers(IEI) Activities.aspx System using Induction Heating. Dr.C.Krishnakumar and https://www.annauniv.edu/ Protection and Switchgear EEE 2019 30000 1 week Anna University Government Dr.D.Kalyanakumar Cutting Edge Technology on Electrical All India Council Communication Embedded System and Soft Dr.S.Vijayalakshmi EEE 2019 forTechnical Education ttps://www.aicte-india.org/ 500000 3 days Government Computing Techniques. (AICTE) nttps://www.ieindia.org/webui/IEI-The Institution of BIO medical application using Nano sensor Dr.M. Shanmugavalli ICE 2020 30000 2 days Government Engineers(IEI) Activities.aspx Tamilnadu State Council Artificial Intelligence based Smart Building Ms.K.Ezhilarasi ICE 2019 7500 for Science & ttps://www.tanscst.nic.in/ 6 Months Government Controller

Technology(TNSCST)

The Institution of

Engineers(IEI)

Government

https://www.ieindia.org/webui/IEI-

Activities.aspx

"Comprehensive Analysis of New Composition Cast Single Point Cutting Tool in Machining Various Materials"	Mr.A.Saravanan	МЕСН	2020	20000	6 months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Experimental Analysis and Optimization of Friction Welding Parameters on Dissimilar Metals"	Dr.N.Baskar Mr.S.Karthikeyan	МЕСН	2019	25000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Performance Investigation On Solar Distillation System using Air Conditioning Unit Reject Water as Working Fluid	Mr.M.Sridharan	МЕСН	2019	30000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Performance Monitoring and Controlling of shell and tube heat exchanger using Internet of Things	Ms.R.S Shivaranjani & Mr.P.Vigneshwar	МЕСН	2019	30000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Design and fabrication of friction welding joint on Aluminium Alloy Grade 6351	Dr.N.Baskar Mr.S.Karthikeyan	МЕСН	2019	7500	6 Months	Tamilnadu State Council for Science & Technology(TNSCST)	Government	https://www.tanscst.nic.in/
2018-2019								
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)	Link to funding agency website
Recognition of Ancient Tamil Characters from Epigraphical Insciptions using OCR Technique	M. Merline Magrina (ME Comm Sys) under the guidance of Dr. M. Santhi	ECE	2019	7500	6 Months	Tamilnadu State Council for Science & Technology(TNSCST)	Government	https://www.tanscst.nic.in/
Design of micro grid and grid integration issues of distrutibed generation	Dr.S.Vijayalakshmi	EEE	2019	30000	2 days	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Big data Analytics	Dr. Sumathi Rathnam	IΤ	2019	300000	1 week	All India Council for Technical Education(AICTE)	Government	https://www.aicte-india.org/
"Experimental Investigation on Solar Hybrid Heatrier System" with ID 'PG2019009'	Mr.M.Sridharan	МЕСН	2018	30000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Experimental Analysis, Evaluation and Optimization of Friction Welding Parameters on EN 353 Alloy	Dr.N.Baskar Mr.S.Karthikeyan	МЕСН	2018	15000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx
Cutting Edge Technology and Contemporary	Dr.N.Baskar &					All India Council for		https://www.aicte-india.org/

"Design and Fabrication of Single Point Composite Tool for Machining various materials"	Dr.N.Baskar Dr.M.Ganesan	МЕСН	2019	7500	3 Months	Tamilnadu State Council for Science and Technology (TNSCST)	Government	https://www.tanscst.nic.in/		
A Paradigrm shift in product design & development using CAD/CAM/CAE tools	Dr.G.Jayapraksh Dr.M.Ganesan	МЕСН	2019	290000	1 week	All India Council for Technical Education(AICTE)	Government	https://www.aicte-india.org/		
2017-2018										
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)	Link to funding agency website		
Nano sensor for fluid mass flow rate measurement for biomedical application	Dr.M. Shanmugavalli	ICE	2018	2739968	36 Months	Department of Science and Technology(DST)	Government	https://dst.gov.in/		
Internat of things in sensor and control application using labview	Dr.M. Shanmugavalli	ICE	2018	10000	2 days	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx		
Three axial automated bowler	Ms.Ezhilisai vallabi	ICE	2018	10000	3 months	Tamilnadu State Council for Science & Technology(TNSCST)	Government	https://www.tanscst.nic.in/		
Experimental Investigation on Hybrid Flow Heat Exchanger	Mr.M.Sridharan Mr.P.Vigneshwar	МЕСН	2018	15000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx		
Application of intelligent techniques in manufacturing processes	Dr.N.Baskar	МЕСН	2017	100000	2 days	All India Council for Technical Education(AICTE)	Government	https://www.aicte-india.org/		
2016-2017										
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)	Link to funding agency website		
Experimental Investigation and Optimization of Milling Parameters for Machining Aluminium Silicon Carbide Composite using Design of Experiments Approach	Dr.N.Baskar Dr.M.Ganesan	МЕСН	2016	36000	6 Months	The Institution of Engineers(IEI)	Government	https://www.ieindia.org/webui/IEI- Activities.aspx		
2015-2016										

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investivator	Department of Principal Investigator	Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)	Link to funding agency website
Development and Implementation of Simplified Intelligent Controller for a Regulated Autonomous hybrid PV Array Excited Wind driven Induction Generator system with an unbalanced and non-linear	Mr.S.Lenin Prakash	EEE	2013	520000	36 Months	All India Council for Technical Education(AICTE)	Government	https://www.aicte-india.org/