

S.No.	Dept.	Academic Year	Sanction Order No. with Date	Title Of The Project	Principal Investigator/ Co-Investigator	Funding Agency	Amount Sanctioned (Rs.)	Status
1	MECH	2011-12	8023/RID/RPS-59/2010-11 31.03.2011	Fabricating and Experimentally Analyzing the Performance of GAX Absorption System for Cooling Applications	Dr.S.Suyambazhagan Prof./Dept. of MECH.	AICTE (RPS)	12,00,000	Completed
2	MECH	2011-12	8023/RID/RPS-109(Pvt.)/2011-12 24.12.2011	Mist Machining of Metals using FEM	Mr.B.Madhu Prof./Dept. of MECH.	AICTE (RPS)	6,30,000	Completed
3	MECH	2011-12	8023/RID/RPS-37//2011-12 20.03.2012	Development of Eco friendly high strength friction stir welding	Dr.V.Jaiganesh Prof./Dept. of MECH.	AICTE (RPS)	13,00,000	Completed
TOTAL							31,30,000	
4	ECE	2012-13	No.B.19012/75/2012-II 23.11.2012	VHDL Implementation Of Efficient Trellis Code Spatial Modulation Scheme Of MIMO Communication	Dr.C.Arunachalaperumal Prof./Dept. of ECE.	ISRO	14,78,000	Completed
TOTAL							14,78,000	
5	MECH	2013-14	SB/FTP/ETA-444/2012 21.06.2013	Performance Analysis of Micro Finned Heat Exchanger with Nano Fluids	Dr.P.K.Nagarajan Prof./Dept. of MECH.	DST (FAST TRACK)	19,38,000	Completed
6	CSE	2013-14	9-249/RIFD/MODROB/ Policy-2/2013-14 07.02.2014	CISCO Networks Lab	Dr.E.A. Mary Anita Prof./Dept. of CSE	AICTE (MODROBS)	8,90,000	Completed
7	H&S	2013-14	SB/S2/CMP-074/2013 27.03.2014	Simulation, fabrication and characterization of PZT-PVFD Piezocomposites for ultrasonic Transducers	Dr.C.V.MadhusuhanaRao Prof./Dept. of Chemistry Dr.S.Suyambazhagan Prof./Dept. of MECH.	DST-SERB	8,82,662	Completed
TOTAL							37,10,662	

8	SAEC	2014-15	No.3(2)/2014/Inc./13th Meeting 21.11.2014	Approved Host Institution for Business Incubation	Dr.S.Suyambazhagan Prof./Dept. of MECH. Dr.L.Vijay Prof./Dept. of MBA Dr.K.Sathiyasekar Prof./Dept. of EEE.	MSME	2,50,00,000	On-Going
TOTAL							2,50,00,000	
9	SAEC	2015-16	SR/FST/College-239/2014 21.11.2014	Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions	Dr.M.Subramaniam Prof./Dept. of IT. Dr.S.Suyambazhagan Prof./Dept. of MECH.	DST-FIST	40,00,000	On-Going
10	EEE	2015-16	20.10.2015 (Mail Order Received)	Study encompass Load flow Fault studies, Transients and critical clearing type	Dr.A.Suresh Prof./Dept. of EEE	UniversitiTenangaNasional, Malaysia	1,90,657 (RM12000)	Completed
TOTAL							41,90,657	
11	CIVIL	2016-17	BDID/01/23/2014-HSRS 18.03.2016	Detection and Discrimination of Coral Reefs using Hyperspectral Data	Dr.M.Thanikachalam Prof./Dept. of CIVIL	DST-HSRS	26,58,700	On-Going
12	ECE	2016-17	CVRDE/MMG/SPC/16-17/148 17.02.2017	Study of Sensors and Signals for Health and usage monitoring System (HUMS) for ECJB of ARJUN MBT MK I	Dr.J.M.Mathana Dr.C.Arunachalaperumal Prof./Dept. of ECE	CVRDE	14,90,000	Completed
13	EEE	2016-17	08.12.2016 (Mail Order Received)	Study encompass Load flow Fault studies, Transients and critical clearing type	Dr.A.Suresh Prof./Dept. of EEE	UniversitiTenangaNasional, Malaysia	RM13,500 (Rs.2,29,500)	Completed

14	ECE	2016-17	TNSCST/SPS/AR/2016-2017-1953	Handheld Crop Management Device with Smart Vivasayam app to aid the Farmers	Dr.G.Kavya Prof./Dept. of ECE	TNSCST	10,000	Completed
15	CIVIL	2016-17	TNSCST/SPS/AR/2016-2017-1953	Harvesting Energy From Piezo-Electric Pavement	Mr.Ponnurangan Prof./Dept. of CIVIL	TNSCST	10,000	Completed
16	MECH	2016-17	TNSCST/SPS/AR/2016-2017-1953	Generation and Testing of Bio oil from prospisjuliflora	Dr.BaskaraSethupathy Prof./Dept. of MECH.	TNSCST	10,000	Completed
TOTAL							Rs.44,08,200	
17	CSE/ MECH	2017-18	CVRDE/18CR0007/VED/17-18/LP	Design and Development of Offline Analysis Software for Analyzing Automotive Trial Data	Dr.E.A.Mary Anita Prof./Dept. of CSE Dr.S.Mahadevan Prof./Dept. of MECH.	CVRDE	11,55,000	Completed
18	CSE	2017-18	TNSCST/SPS/AR/2017-18	An IoT Based Expert System For Smart Agriculture	Dr.E.A.Mary Anita Prof./Dept. of CSE	TNSCST	9,500	Completed
19	CSE	2017-18	TNSCST/SPS/AR/2017-18	IOT enabled smart mirror for physically challenged	Dr.R.Geetha Associate Professor Dept. of CSE	TNSCST	10,000	Completed
20	MECH	2017-18	TNSCST/SPS/AR/2017-18	Modernized wheelchair for physically challenged with height adjustment mechanism	Dr.V.Jaiganesh&Dr.P.Sevvel Professor Dept. of Mechanical Engg.,	TNSCST	10,000	Completed
21	CIVIL	2017-18	TNSCST/SPS/AR/2017-18	Traffic Simulation Modelling and automated road for unmanned railway crossings	Mr.P.Ponnuragam, Asst. Prof./Dept. of Civil Engg.	TNSCST	9,900	Completed
TOTAL							11,94,400	

22	ECE	2018-19	ISRO/RES/4/654/18-19 Dated: June 6, 2018	Design of 0.18µm CMOS Dual Band Low Noise Amplifier (LNA) for IRNSS Applications	Dr.G.Kavya, Prof./Dept. of ECE	ISRO	27,44,000	On-Going
23	ECE	2018-19	TNSCST/SPS/AR/2017-2018	Development of robotic arm with suction and grinding mechanism for sewage cleaning	Dr.G.Kavya, Prof./Dept. of ECE	TNSCST	7500	Completed
24	MECH	2018-19	TNSCST/SPS/AR/2017-2018	Production of hybrid bio-fuel briquette from college solid waste (CSW)	Dr.R.Senthil Kumar Associate Professor Dept. of Mechanical Engg.,	TNSCST	7500	Completed
25	MECH	2018-19	SEED/TIDE/2018/13	Design & Development of cognition based Intelligent Mobility device for physically challenged & for elderly people	Dr.P.Sevvel, Professor/Dept. of Mech.Engg. (PI) Dr.S.Mahadevan, Professor/Dept. of Mechanical Engg.(Co-PI)	DST-SEED	27,81,778	On-Going
							55,40,778/-	
				TOTAL AMOUNT SANCTIONED -(TILL MAY 2019)			4,86,52,697/-	
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26	Mech	2019-20	F.No.65- 50/RIFD/SPDP/Policy- 1/2017-18	Centre for SC/ST students in S.A.Engg. College	Dr.S.Mahadevan Sr. Prof./ Dept. of Mech . Engg.	AICTE	13,05,000	Ongoing

27	Mech	2019-20	TNSCST/STP/AR/2018-19	Fabrication of Dissimilar High Strength AA7075A1 & AZ80A Mg ALLOY Joints using underwater friction stir welding (UFSW) Technique	Dr.P.Sevvel Prof./Dept. of Mech . Engg.	TNSCST	4,12,900	Ongoing
28	ECE	2019-20	F.No.9-157/rifd/mod/Policy-1/2018-19	Advanced Embedded System and IoT Lab - A Product Development Lab	Dr.G.Kavya, Prof./Dept. of ECE	AICTE	11,00,000	Ongoing
29	EEE	2019-20	Lr.No.TNSCST/SPS/AR/2019-20	Learn without Eyes	Ms.N.Mahadevi Asso.Prof./EEE	TNSCST	6500	Completed
30	EEE	2019-20	Lr.No.TNSCST/SPS/AR/2019-20	Mission for Blind People	Ms.J.Megala Asst.Prof./Dept. of EEE	TNSCST	7500	Completed
TOTAL							28,31,900/-	
31	ECE	2020-21	F.N.8-35/FDC/RPS(Policy-1)/2019-20	Novel Suspended Nodes - Communication Network using Wi-Fi Disaster Prone Areas	Dr.C.Arunachalaperumal Prof./Dept. of ECE	AICTE	7,61,373	Ongoing
32	Mech.	2020-21	NGP/Sevvel/TPN-34014/2019	GSM-GPS Based Intelligent Safety & Navigational Aid for Women Security and smooth travel to unfamiliar destinations	Dr.P.Sevvel Prof./Dept. of Mech. Engg	DST	14,95,339	Ongoing
33	IT	2020-21	F.No.9-97/IDC/MODROB/Policy-1/2019-20	Artificial Intelligence based IoT Product Development Lab	Dr.E.A.Mary Anita Prof./Dept. of IT	AICTE	9,74,314	Ongoing
TOTAL							32,31,026	

