

Institute Name		Sri Muthukumaran Institute of Technology							
India Rankings 2018 ID		IR-2-O-EM-C-16531							
Discipline		Over All							
Parameter		Sponsored Research Projects							
2D.FPPP	S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned Year	Amount Received (In	Amount received (in words)
	1	2016-17	Mr.A.Selvavinayagam	SMET	Home Automation using PV array system	SMET/FPO/2017/51	2017	56,000	Fifty Six Thousand Rupees
	2		Prof.Dr.C.Srinivasan	2A Solution	Computer Aided teaching, Learning and testing in English language.	2A/2017/12	2017	1,00,000	One Hundred Thousand Rupees
	3		Dr.K.Parasuraman	GA System	Enhancement of crystalline Piezoelectric and optical quality of thiourea family single crystals	GAS/2017/13	2017	5,00,000	Five Hundred Thousand Rupees
	4		Dr.P.Thiyriyaksmi	SMET	Bioremediation of plastic contaminate in simulated marine environment by a novel microbial strain ideonella.	SMET/FPO/2017/41	2017	7,00,000	Seven Hundred Thousand Rupees
	5		Mr.N.S.Balaji	Palpap	Healthcare Monitoring For Chronic Disease Patients	Palpap/2017/17	2017	100,000	One Hundred Thousand Rupees
	6		Ms.S.Amutha	Newgen Instrument	Experimental Study on Retrofitting – GFRP wrap over Beams	NGI/2017/43	2017	1,00,000	One Hundred Thousand Rupees
	7		Mr.N.Vishnuvardan	Sakthi Technologies	Experimental study on Replacement of Cement using NDSW materials	ST/2017/23	2017	90,000	Ninety Thousand Rupees
	8		Dr.D.Rajiniginath	VASANTHA ADVANCED SYSTEMS	Elderly Care Self Controllable Healthcare Monitoring System Using Android Smart Phone	VAS/2017/54	2017	85,000	Eighty Five Thousand Rupees
	9		Mrs.K.Bala	SMET	IoT based smart farming assistance(app) application with arduino established irrigation control system	SMET/FPO/2017/82	2017	95,000	Ninety Five Thousand Rupees
	10		Mrs.S.P.Audline Beena	Newgen Instrument	Alternative pointing device using visual system for physically challenged	NGI/2017/22	2017	95,000	Ninety Five Thousand Rupees
	11		Ms.M.R.Mahalakshmi	IEEE	Multimodal Medical Image Fusion Based On SVD	IEEE/2017/67	2017	150,000	One Hundred Fifty Thousand Rupees
	12		Mr.S.Rasarasan	Steel Strips Wheels Limited	Performance Analysis Of Si Engine With Turbulence	SSW/2017/54	2017	120,000	One Hundred Twenty Thousand Rupees
	13		Dr.S.K.Muthusundar	VASANTHA ADVANCED SYSTEMS	Effective Algorithm for transport Identification using Optical Character Recognition	VAS/2017/45	2017	100,000	One Hundred Thousand Rupees
	14		Mr. A.G.Ignatius	SMET	Enhancements in Muticloud Deployment of computing clusters for loosely coupled MTC Applications	SMET/FPO/2017/44	2017	100,000	One Hundred Thousand Rupees
	15		Mr.K.Parasuraman	Redback Solution	Investigations on the Crystal Growth and Non-Linear Optical properties of Organic crystals.	RBS/2017/36	2017	100,000	One Hundred Thousand Rupees
	16		Mr.N.Vishnuvardan	Econs	Experimental Study and Design of Decentralised Waste Water Treatment System	Econs/2017/45	2017	90,000	Ninety Thousand Rupees
	17		Mrs.N.Krithiga	SMET	Impacts of Structures on South East Coast of India	SMET/FPO/2017/63	2017	80,000	Eighty Thousand Rupees
	18		Dr.D.Rajiniginath	Sakthi Technologies	Indoor localization using IPS with user defined privacy preservation	ST/2016/45	2016	50,000	Fifty Thousand Rupees
	19		Dr.D.Rajiniginath	SMET	A Stochastic Gesture based intelligent navigation system	SMET/FPO/2016/72	2016	50,000	Fifty Thousand Rupees
	20		Mr.T.Ravikumar	IEEE	Voice Controlled Automation System	IEEE/2016/54	2016	100,000	One Hundred Thousand Rupees
	21		Mr.T.Madhan	SMET	IoT based Smart water management Systems	SMET/FPO/2016/75	2016	50,000	Fifty Thousand Rupees
	22		Dr.B.Ramesh	Steel Strips Wheels Limited	Ergonomics Designed Commuters Lift For Physically Challenged Person	SSW/2016/45	2016	90,000	Ninety Thousand Rupees
	23		Ms.P. Mahalakshmi	Palpap	Advanced Web service Transaction by using rule based coordination in distributed environment	Palpap/2017/17	2016	50,000	Fifty Thousand Rupees
	24		Mr.P.Jaya Krishnan	Mazanet	Confidential Data Hiding In Network Conservation Using K- Anonymization	Mazanet/545	2016	50,000	Fifty Thousand Rupees
	25		Ms.P.Rajalakshmi	Scientific Suppliers	Synthesis of NLO materials	SS/2016/43	2016	100,000	One Hundred Thousand Rupees
	26		Dr.L.Josephine Mary	2A Solution	Smart Pollution Detection and Tracking System Embedded With Cloud	2A/2016/76	2016	180,000	One Hundred Eighty Thousand Rupees
	27		Mrs.G.Umadevi	SMET	Design and Development of A GIS for Air Quality Management	SMET/FPO/2016/33	2016	150,000	One Hundred Fifty Thousand Rupees
	28		Mr.E.Pandian	GA System	Signal Circuit, Connecting Functions and Conducting Simulation for Railways	GAS/2017/25	2016	50,000	Fifty Thousand Rupees
	29		Mr.C.Balaji	DKK Hospital	Automation of Rail Coach Spring Portal System	DKK/2016/57	2016	50,000	Fifty Thousand Rupees
	30		Ms.R.S.Mekhala	SMET	Emotional Intelligence as a part of curriculum in Schools	SMET/FPO/2016/78	2016	50,000	Fifty Thousand Rupees
	31	Dr.C.Ganesan	Steel Strips Wheels Limited	The Competitive Advantage of Interconnected Firms	SSW/2016/86	2016	100,000	One Hundred Thousand Rupees	
	32	Mr.M.Suresh	GA System	New Product and Service Development in Strategic Alliances	GAS/2016/45	2016	100,000	One Hundred Thousand Rupees	
	33	Mrs.K.Kalaivani	Econs	Experimental Study on replacement of Cement by GGBS and Fly-ash	Econs/2016/15	2016	100,000	One Hundred Thousand Rupees	
	34	MR.S.Raghavendran	Newgen Instrument	Experimental Study on Natural materials in stabilization of soil	Newgen/2016/22	2016	60,000	Sixty Thousand Rupees	
	35	Dr. D.Rajiniginath	VASANTHA ADVANCED SYSTEMS	Secure Data Transfer in Ambient Audio	VAS/2016/25	2016	100,000	One Hundred Thousand Rupees	
	36	Dr. D.Rajiniginath	Vani Analytics	Data Dissemination in Vehicular Adhoc Networks	VANI/2016/27	2016	85,000	Eighty Five Thousand Rupees	
	37	Mr.P.Vimalakumar	IEEE	Advanced security systems in trains using RF module	IEEE/2016/57	2016	100,000	One Hundred Thousand Rupees	
	38	Mr.N.Muthusankar	TNSCST	Candidate authentication using Biometric Identity for Highly secured access	TNSCST/2016/33	2016	15,000	Fifteen Thousand Rupees	
	39	Ms.D.Shanthi Chelliah	TNSCST	Virtual vision for visually impaired shoppers	TNSCST/2016/37	2016	5,000	Five Thousand Rupees	
	40	Mr.B.Selvakumar	Steel Strips Wheels Limited	Comparative Heat Transfer Analysis In Crdi Engine By Changing Coolant Proportions	SSW/2016/101	2016	80,000	Eighty Thousand Rupees	
	41	Mr.N.Seshan	Tamil Nadu Highway Department	Deign of Rail Over Bridge at Sevappet	TNHD/2016/114	2016	70,000	Seventy Thousand Rupees	
	42	Ms.E.Cathrine	Science Awareness Trust	Experimental Study on Partial Replacement of Cement By Marble Powder	SWT/2016/115	2016	100,000	One Hundred Thousand Rupees	
	43	Ms. C.Nithya	Nal Vidhaigal Trust	Enhanced embedded based safety methods for school children	NVT/2016/93	2016	100,000	One Hundred Thousand Rupees	
	44	Dr.D.Padma subramaivan	Sri Muthukumaran Educational Trust	Solid Waste Management For Residential Apartment With Local And Mini Bio-Gas Plant	SMET/2016/92	2016	100,000	One Hundred Thousand Rupees	
	45	Mr.S. Rasarasan	Aqua pure plus private ltd	Solar water purifier using parabolic trough	AQUA/2016/67	2016	106,000	One Hundred Six Thousand Rupees	
	46	Mrs.K.Santhi Ponraj	Hypogene Technology	Finger Print based authentication system using merkle hash tree algorithm in cloud computing	HypoTech/2015/23	2015	70,000	Seventy Thousand Rupees	
	47	Mr.T.Ravikumar	Steel Strips Wheels Limited	Renewable Energy Management-Solar Based CAR	SSW/2015/56	2015	50,000	Fifty Thousand Rupees	
	48	Mrs.M.Sheela	SMET	Hybrid RC Glider	SMET/2015/108	2015	40,000	Forty Thousand Rupees	
	49	Mr.S.Rasarasan	Steel Strips Wheels Limited	Quality Improvement In OHT Fabrication Hardware Fitup(Caterpillar India Pvt Ltd)	SSW/2015/58	2015	70,000	Seventy Thousand Rupees	
	50	Mr.S.Ramesh	SANDS	Closeness: A New Privacy measure for data publishing	SANDS/2015/88	2015	50,000	Fifty Thousand Rupees	
	51	Ms.R.Epshiba	Giant leap	New nano filter in water purification	GIANT/2015/87	2015	100,000	One Hundred Thousand Rupees	
	52	Mr.C.Balaji	Metavrse	Outside Rear View Mirror End Online Tester	META/2015/95	2015	50,000	Fifty Thousand Rupees	
	53	Mr.S.Raghu Vinodh	Vani Analytics	Presentation And Accessibility Modeling Of IT Systems With Data Backup And Restore	VANI/2016/207	2015	50,000	Fifty Thousand Rupees	
	54	Mrs.N.Suba	SMET	Balancing Performance Accuracy And Precision For Secure Cloud Transactions.	SMET/2015/102	2015	100,000	One Hundred Thousand Rupees	
	55	Mrs.G.Umadevi	Giant leap	Interactive Web Application in Retirement Benefit System for Larsen & Toubro Limited	GIANT/2015/89	2015	50,000	Fifty Thousand Rupees	
	56	Mr.A.Mathangopi	Red Back Solutions	Voting system with advanced biometric technique	RBS/2017/136	2015	100,000	One Hundred Thousand Rupees	
	57	Mrs.P.Amudhavalli	2A Technologies	Iris Segmentation and Improving Accuracy in IRIS Recognition	2A/2015/55	2015	100,000	One Hundred Thousand Rupees	
	58	Dr.P.S.Ashok Kumar	Metavrse	Extending the Lifetime for wireless sensor networks using Anycast	META/2015/90	2015	1,00,000	One Hundred Thousand Rupees	
	59	Ms.P.Renuka Devi	Holy Cross Educational and Charitable Trust	Secured Software Engineering Ontology	HCECT/2015/93	2015	100,000	One Hundred Thousand Rupees	
	60	Mr.J.Ramkumar	SANDS	Water treatment by solgel technic using natural products	SANDS/2015/86	2015	1,00,000	One Hundred Thousand Rupees	
	61	Mr.E.Pandian	Science And Engineering Research Council (SERC)	Automatic Monitoring and Alerting Using Wireless Communications	SERC/2015/115	2015	100,000	One Hundred Thousand Rupees	
	62	Mrs.G.Umadevi	Dawn Matric. Hr. School, Pattur	An Automation of Student Performance Evaluation System	DMHS/2015/116	2015	100,000	One Hundred Thousand Rupees	
	63	Mrs.G.Umadevi	Lakshmi Hospital, Chennai	Tongue Diagnosis For Diabetes	LHC/2015/65	2015	100,000	One Hundred Thousand Rupees	
	64	Mr.R.Ranjith Kumar	GeoSpatial	Studies on Biological Treatment of Pulp and Paper Mill Waste Water"	GEO/2015/122	2015	100000	One Hundred Thousand Rupees	

65	Dr.T.Gopi krishnan	Vani Analytics	An innovative methodology for conventional cadastre adjustment using modern survey techniques	VANI/2015/116	2015	100000	One Hundred Thousand Rupees
66	Mr.G.Ramkumar	Adroid Solution	A Cloud Based Library Information System Using Android	ADROID/2015/67	2015	100000	One Hundred Thousand Rupees
67	Ms.K.Lalitha	IEEE	V-Doctor	VD/2015/115	2015	100000	One Hundred Thousand Rupees
68	Ms.Thamarachelve	SMET	Solar Powered Tiller Robot with micro irrigation system	SMET/2015/142	2015	15000	Fifteen Thousand Rupees
69	Mr.D.Senthil Raja	Steel Strips Wheels Limited	Solar Water Purifier Using Parabolic Trough	SSW/2015/33	2015	78000	Seventy Eight Thousand Rupees
70	Dr.K.Jafar Ali	SANDS	Strategic Planning in New Ventures and Young SMEs	SANDS/2015/35	2015	50000	Fifty Thousand Rupees
71	Mrs.K.Kalaivani	Sri Muthukumaran Educational Trust	Comparative Study on Monolithic and Framed Structures	SMET/2015/68	2015	50000	Fifty Thousand Rupees
72	Ms.S.Amutha	Centre of Ecology and Economic Consultancy	Effect of Method of Compaction on Mechanical Properties of Concrete	CEEC/2015/135	2015	40000	Forty Thousand Rupees
73	Mr. B.V.P.Prasad	Indian Association for the Blind	Read Assist For Visual Impaired People	IAB/2015/108	2015	40000	Forty Thousand Rupees
74	Mrs.K.Niraimathy	Daya Charitable Trust	Traffic control system using image processing technique	DCT/2015/106	2015	100000	One Hundred Thousand Rupees
75	Mr.A.Srikanth	Steel Strips Wheels Ltd	Study On The Effect of Nitriding And Carburizing On Mechanical Wear Properties Of Alloy Steel	SSW/2015/117	2015	75000	Seventy Five Thousand Rupees
76	Dr.N.G.Asha	Sri Muthukumaran Educational Trust	Collaborative Innovation: Web-Based Tools for Customer Involvement in New Product Development	SMET/2015/121	2015	40000	Forty Thousand Rupees
77	Mr. D.Shanmugavel	VASANTHA ADVANCED SYSTEMS	Secure Transmission in Health care using Android Application	VAS/2014/98	2014	55000	Fifty Five Thousand Rupees
78	Mr.T.Ravikumar	TNSCST	Smart Bike	TNSCST/2014/43	2014	40000	Forty Thousand Rupees
79	Mr.C.Velmurugan	GA System	Conversion Of Conventional Lathe Machine Into Digitized Lathe Machine	GA/2014/112	2014	80000	Eighty Thousand Rupees
80	Dr.V.Anitha	Victory Service	A Neural Network approach to detect failures in power transformer	VS/2014/144	2014	100000	One Hundred Thousand Rupees
81	Dr.S.Sivakumar	Scientific Suppliers	Corrosion inhibition by organic products	SS/2014/65	2014	100000	One Hundred Thousand Rupees
82	Mr.S.Petchimuthu	Metavse	Employee Satisfaction Survey	META/2014/113	2014	100000	One Hundred Thousand Rupees
83	Mr.J.Kumar	Tarv Tech	Detecting And Alerting Tax Fraudulent Citizen Using Java	TARV/2014/88	2014	50000	Fifty Thousand Rupees
84	Mrs.N.Suba	SMET	Interlinking User Interface and Interlocking Function in Railways	SMET/2014/115	2014	50000	Fifty Thousand Rupees
85	Mrs.P.Amuthavalli	Vasantha Advanced Systems	Gleaming System - A Commonly Verifiable Billing Scheme For The Cloud Computing Environment	VAS/2014/132	2014	30000	Thirty Thousand Rupees
86	Mr.V.Pandarathan	Sri Muthukumaran Educational Trust	IoT based smart farming assistance(app) application with Arduino established irrigation control system	SMET/2014/113	2014	40000	Forty Thousand Rupees
87	Mr. B.Dinesh kumar	Sri Muthukumaran Educational Trust	Design And Development of heat generation system using solar Power	SMET/2014/121	2014	57000	Fifty Seven Thousand Rupees
88	Ms.R.Tamilselvi	Vivekanandan Electricals	Efficient Broadcasting in Ad-Hoc Networks	VIVEK/2014/99	2014	50000	Fifty Thousand Rupees
89	Dr.S.Sivakumar	Alex painting industries, Tiruvallur	Corrosion inhibition by organic products	API/2014/66	2014	85000	Eighty Five Thousand Rupees
90	Mr.C.Balaji	Southern Railway	Human Resource Service System for Southern Railway	SR/2014/33	2014	40000	Forty Thousand Rupees
91	Dr.H.Vijayakumar	Pantech Solution	Study on Fracture Parameters of SCC and Steel Fibre Reinforced SCC	PANTECH/2014/76	2014	40000	Forty Thousand Rupees
92	Dr.R.Balamurugan	Steel Strips Wheels Limited	Disaster Management in Tsunami affected Porto nova beach	SSW/2013/96	2013	20000	Twenty Thousand Rupees