

Institute Name	R.M.K. Engineering College
India Ranking 2018 ID	IR-2-E-OE-C-16614
Discipline	ENGINEERING
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 date	Amount Received (In Rupees)	Amount received (in words)
1		2016-17	Ms.A.Hemamathi	P.T.Constructions , Civil Engineers and Builders	Analysis and Design of Museum building”	Nil	30.06.17	75000	Seventy Five Thousand Only
			Ms.J. Martina Jenifer	P.T Constructions, Civil Engineers and Builders	Design of Library Building	Nil	29.06.17	75000	Seventy Five Thousand Only
			Ms.T.Eswari Devi	Eco Tech Labs Pct .Ltd.	Sewage treatment using Algal reactor-	Nil	25.06.17	75000	Seventy five thousand Only
			Dr.N.Manoj Kumar	VI Micro Systems	Predictive maintenance using IOT and virtual reality-catza	Ref.No.VIMICRO /R&D/DTC-2016/8	23/12/16 to 11/7/17	100000	RUPEES ONE LAKH ONLY
			Dr.N.M.Jothi Swaroopan	IEDC,DST	Live saving Gadget	Ref.No.IEDC/NS TEDB-DST/SFIOT-2016/2	5/8/16 to 2/7/17	100000	RUPEES ONE LAKH ONLY
			Mr. T Ramesh	Blue Chip Technologies (P) Ltd.	Acquiring relevant ranked results for multi keyword search queries over encrypted cloud data		13.06.2016	0	ZERO
			Dr. T. Sethukarasi	Perpetro Technologies Private Limited	A secure method for enhancing cloud services lifecycle using ontology		10.06.2015	0	ZERO
			Dr. K L Shnmuganathan	Global Techno Solutions	Efficient ranked results for multi agent		10.06.2015	0	ZERO
			Dr. V.Siva Kumar	IEDC	Novel Invention to maintain Tyre at constant pressure		15.09.2018	100000	RUPEES ONE LAKH ONLY
			Dr.Binu Sukumar	P.T.CONSTRUCTIONS	Design of an Auditorium Building	42212	42212	0	ZERO
Dr.Binu Sukumar	BLUE SCOPE STEEL INDIA PRIVATE LIMITED	Design of Superstructure of a T-beam bridge using Waffle Slab	42216	42216	0	ZERO			
Dr.Binu Sukumar	ECO TECH LABS PVT. LTD.	Treatment and analysis of institutional wastewater using phyco-remediation technology	42297	42297	0	ZERO			
Mr T Ramesh	Blue chip technologies	Acquiring relevant ranked results for multi keyword search queries over encrypted cloud data	2015/Research/205	42165	0	ZERO			
Dr. K.L. Shnmuganathan	Perpetro Technologies Pvt Ltd, Saidapet, Chennai.	A Secure and Reputation based recommendation framework for Cloud Services	No: 2015/Sponser/95	42218	0	ZERO			
Ms. A. Thilagavathy	STARTECH OFFICE AUTOMATION	An Improved Fuzzy based algorithm for detecting text from images using stroke with transforms	SR/2015/87	42344	0	ZERO			
Dr. T. Sethukarasi	Perpetro Technologies Pvt Ltd, Saidapet, Chennai.	A Secure method for enhancing cloud services lifecycle using Ontology	No:2015/Sponser/89	42163	0	ZERO			
Dr. K.L. Shnmuganathan	Global Techno Solutions, Ashok Nagar, Chennai.	Efficient ranked results for Multi Agent	Lr.No : GTS/Project-2015/011	42163	0	ZERO			
N.M Jothi Swaroopan	IEDC ( Sponsored by NSTEDB-DST)	Smart Farming Using IOT Technique	Ref.No.IEDC/NS TEDB-DST/SFIOT-2015/3	5.3.16	25000	Twenty Five Thousand Rupees			
M.S.Kavitha	Future Farms	Monitoring of Sewer Flooding	Ref.No.FF/R&D/MSF-2015/3	28.3.16	0	ZERO			

P.Anand	Solar Energy Solutions PVT LTD	Study and Simulation of Stand alone PV systems	Ref.No.SES/R&D /SPV-2015/7	7.7.2015	0	ZERO
N.Manojkumar	Suguna Motors	Optimal Pulse Width Modulation for Dual Inverter FED Induction Motor Drive	Ref.No.SM/CS/O PIM-2015/6	18.6.2015	0	ZERO
Ms.P.Kavitha	National Science and Technology Entrepreneurship Development Board	Thermo Electric mobile charging with DC-DC Boost converter using peltiers	42262	42262	100000	One lakh Fifty Thousand Rupees
Mr.G.Marimuthu	MKM Technologies,Chennai	Efficient solar photovoltaic power generation system using sun tracking system and MPPT algorithm	No:MKM/RP/2015-03	42297	0	ZERO
Dr.S.Vijayalakshmi	E Dot Technologies,Tirunelveli	Portable Voice recognition and motion detection smart box using Android application	Lr.No: Edot/Project-15/06	42310	0	ZERO
Ms.K.R.Chairma Lakshmi	I Green Technologies,Kovilpatti	HI-TECH Baby	IGT/Research/2015-05	42313	0	ZERO
Ms.M.Kayalvizhi	MITSUBISHI ELECTRIC INDIA PRIVATE LIMITED,Pune	Automated variable sized bottle filling process using PLC	42286	42286	0	ZERO
DR.K.VIJAYA	H.V. SOLUTIONS	Social Network Analysis	2015-16	2015-16	0	ZERO
DR.SANDRA JOHNSON	TECH 360 CONSULTANCY	Massive Open Online Courses (MOOCs) and its impacts	2015-16	2015-16	0	ZERO
D.RAJESWARI	DREAMS TECHNOLOGIES	Big Data Management on Clouds	2015-16	2015-16	0	ZERO
Duraimurugan.P	IEDC	Design of an Ergonomic Borewell Rescue Robot	C/IFD/5710/2014-15	31/02/15	100000	One lakh Rupees
V Sivakumar	IEDC	Novel Invention to maintain Tyre at constant pressure	C/IFD/5710/2014-15	31/02/15	100000	One lakh Rupees
Dr.Binu Sukumar	P.T.CONSTRUCTIONS	Design of four storied building resting on soft soil	41786	41786	0	ZERO
Dr.Binu Sukumar	Dodsai Engineering and Construction (India) Pvt Ltd.	Planning, Designing and Analysis of Pre Engineered Steel Building	41878	41878	0	ZERO
Dr.Binu Sukumar	BHARANEE BUILDERS	Design and planning of shopping mall	41779	41779	0	ZERO
Dr.Binu Sukumar	Sri Padmanabha Constructions	Experimental Studies on Retrofitting of RC Column using CFRP Wrap	41869	41869	0	ZERO
Dr.S.V. Nagaraj	Society for Electronic Transaction and Security (SETS), Taramani, Chennai.	Computer Security	40609	40609	0	ZERO
Mr. Somasundaram	Perpetro Technologies Pvt Ltd, Saidapet, Chennai.	Privacy Preserving Authenticated Access Control and Decentralized Key Management for Cloud Storage	41460	41460	0	ZERO
Dr. K.L. Shunmuganathan	Perpetro Technologies Pvt Ltd, Saidapet, Chennai.	Neural Networks and its Application to context based image retrieval	41460	41460	0	ZERO
Dr. K.L. Shunmuganathan	Global Techno Solutions, Ashok Nagar, Chennai.	Obtaining Efficient Ranked Results for Multi Keyword Queries Over Encrypted Cloud Data	41062	41062	0	ZERO
Dr.S.Ramasamy	ARM Technologies	Driving pattern analysis system using ARM Freedom	EK497268221	42027	0	ZERO
Dr.S.Ramasamy	ARM Technologies	Noise monitor in classroom environment using ST DSP LiB Expansion bundle	1090168584	41943	0	ZERO
Ms. D. Jothi	National Science and Technology Entrepreneurship Development Board	RENEWABLE ENERGY DRIVEN CHARGING UNIT/GREEN CHARGER	11/03/2011 - NEB	41900	25000	Twenty Five Thousand Rupees

Dr. T. Suresh	National Science and Technology Entrepreneurship Development Board	SMART G-SHOES	11/03/2011 - NEB	41900	100000	One lakh Rupees
Dr.S.Ramasamy	INTEL	Smart Agro Automation system using Intel Galileo	ARMK-IPLA 201401	41911	0	ZERO
Dr.S.Ramasamy	ANDES TECHNOLOGY	Multi core co-processor for IoT engine with Andescore	ARMK-IPLA 201401	41911	0	ZERO
Dr.S.Ramasamy	Cypress	BLDC motor control with PWM using PSoC development Kits	CY8CKIT	41472	0	ZERO
Dr.S.Ramasamy	ARM EMBEDDED TECH PVT LTD	Pick and place demo using Pololu 3 pi Robot	20244	42179	0	ZERO
Dr.S.Ramasamy	Shenoy Systems	Smart eco driving system using Freescale Cup Kit	DC-1415Q4M202	42096	0	ZERO
Dr.S.Ramasamy	XILINX	Implementation of RISC V using vertex 6 (VIVADO 2014)	16B785D09C16	41956	0	ZERO
Dr.S.Ramasamy	ARM Technologies	Elderly fall detection using Mbed Application shield	NO 121	42058	0	ZERO
Dr.S.Ramasamy	ARM Technologies	CAN message Demo using Mbed kits	BFO264665	42067	0	ZERO
Dr.S.Ramasamy	ARM Technologies	AC controller through Bluetooth low energy of ARM mbed nRF 51822	0119016-IN	41850	0	ZERO
Ms. A. Alhamdh Nish	National Science and Technology Entrepreneurship Development Board	PWM Technique for microbial Inactivation Under Pulsed Electric Field	41831	41831	100000	One lakh Rupees
Dr. Geetha Ramadas	ADVANTECH INSTRUMENTS and SERVICES	Contemporary real time electric meter for supervision of power demand	41809	41809	0	ZERO
Dr. Geetha Ramadas	CITADEL CONTROLS PVT LTD	H.A.N.D.(Human Android Device)	41899	41899	0	ZERO
Dr. Geetha Ramadas	Jasmine Concrete Exports Pvt. Ltd.	Estimation of Fuel Tank Capacity	41962	41962	0	ZERO
Dr. N. M. Jothi Swaroopan	National Science and Technology Entrepreneurship Development Board	Low Cost Crop Monitoring And Data Logging Using Cloud	42072	42072	100000	One lakh Rupees
Ms. M. Britto Sumitha	National Science and Technology Entrepreneurship Development Board	Desiccant Technology in Air Coolers	41900	41900	100000	One lakh Rupees
Mr.G.Marimuthu	National Science and Technology Entrepreneurship Development Board	Intelligent Wheel Chair Control	41900	41900	100000	One lakh Rupees
Mr.K.Vijayanand	Trend instrumentation and Automation Pvt.Ltd,chennai	Automatic Regeneration of resin in strong acid cation vessel in DM plant	TA/RMK/PR/2014/04	41951	0	ZERO
Dr. K. Vijaya	Sree Balaji Regional Associates Institutes for Neuro-Sciences	Predict Surgery Type for Scoliosis	42156	42156	0	ZERO
S.A. Angayarkanni	Texas Instruments	Automatic Irrigation	41996	41996	0	ZERO
Dr.S.K. Malhotra	Ministry of Science and Technology	Process Development of Fibre reinforced thermoplastics prepregs by film staking	40567	40567	1800000	Eighteen lakh Rupees
Mr. R.L. Sankarlal Mr. V. Sivakumar	National Science and Technology Entrepreneurship Development Board	Solar Irrigation Pump based on sterling cycle	41883	41883	25000	Twenty Five Thousand Rupees

	Dr.P.Duraimurgan	National Science and Technology Entrepreneurship Development Board	Self leveling Table	41883	41883	25000	Twenty Five Thousand Rupees
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