



# R.M.K. ENGINEERING COLLEGE

RSM NAGAR, KAVARAIPETTAI – 601 206



## Supervisor

Name of full time Teacher with Ph.D.	Qualification	Whether recognised as research Guide for Ph.D.	Year of Recognition as Research Guide	Is the teacher still serving the institution/If not last year of the service of Faculty to the Institution	Name of the scholar	Year of registration of the scholar	Title of the thesis for scholar
Dr.Binu Sukumar	Ph.D	Ph.D	2015	Yes	Joyson Silva P	2016	Prefabricated Wall Panel Connections
Dr.T.Murali Krishna	Ph.D	Ph.D	2016	Yes	-	-	-
Dr.T.Sethukarasi	Ph.D	Ph.D	2013	Yes	Ms. R. Dhanalakshmi	2013	Efficient disease diagnosis system using Data Mining Techniques
					Ms.P.ShobaRani	2013	Semantic annotation of summarized sensor data stream for effective query processing
					Ms.P.Kavitha	2010	Framework for fake face identification using hybrid approaches
					Mr.S.Prabakeran	2014	Attack detection mechanism for preserving security during data communication in large scale Networks
					Ms.R.Renugadevi	2014	An energy balanced reliable reactive routing method for wireless sensor network
					Ms.G.Vasukidevi	2015	Securing IOT networks from various attacks by early detection
					Ms.Suriyapraha	2015	Enhanced scheme for cluster based fault tolerant data aggregation in wireless sensor networks

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					Mr.Karthik	2016	Human behavior prediction using big data
					Mr.Chittibabu	2016	Text mining using Natural Language Processing
					Ms.S.Srijayanthi	2017	Privacy preserving techniques for secure big data mining
					Ms.S.Vaishnavi	2016	Securing IOT networks from various attacks by early detection
					Ms.Shiny Irene D	2015	An intelligent approach for risk prediction in health record mining using enhanced clustering and graph based categorization
Dr. B.Jaison	Ph.D	Ph.D	2015	Yes	Mr.D.Frederick	2010	Presenter Observer based Association and Media Processing in Small Base Station for Live Video Conference on 5G Networks
					Mr.J.Bharath Singh	2013	Optimal design of Electric Arc Furnace with power factor improvement using S2b4 converter
					Mr. S. Mohamed Sulaiman	2015	Adaptation of counters Redundant bits with the provision of dual supply and modified clock gating to favour of low power in VLSI
					Mr Shaik Hedayath Basha	2016	Multimedia signal water marking techniques based on wavelet transform for copyright protection and authentication
					Mr.K.Sundara Krishnan	2017	An Efficient Novel Secured Symmetric Key Multiple Color Image Encryption Compression Scheme

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					Ms.M.Tamilselvi	2016	Restoration of Blurred Image in Medical Application
					Ms.P.Devi	2016	Protecting WSN from node identity replicas using superimposed SDIS junction code fingerprint mechanism
					Mr E Kesavan	2018	Optimization Based Tuning Of Fractional Order Pid For Non Linear Systems
Dr. Geetha Ramadas	Ph.D	Ph.D	2017	Yes	Ms. M Perarasi	2017	An Optimal Method for Voltage Regulation in Distributed Renewable Energy Systems
					Ms. M Vimala	2017	Design of BI-Facial Solar Panel with Photo-Voltaic Inverter on a Specified Site
					Mr. M. Malleswara Rao	2017	Transmission Congestion and Voltage Profile Management using muti level UPFC with Application of AI Techniques.
					Mr. S Balamurugan	2019	Optimal Efficiency of Wind System with Double fed Induction Generator
					Ms. Sabari L Umamaheswari	2019	Modelling and Control of Variable Speed Synchronous Generator
Dr. C.Chellamuthu	Ph.D	Ph.D		Yes	Dr. E. Kalappan	2007	Studies on performance enhancement of PMLDLC motor using artificial intelligence Technique
					Dr.N.Manoj Kumar	2007	Performance Analysis and DTC control of multilevel inverter fed induction motor drive
					Dr. T. Magesh	2010	Study of power quality issues in grid

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							connected wind farm
					Dr. S Anita	2015	Design Optimization of MPBLDC Motor
					Ms. Chandla Ellis	2014	Multi level Inverters
					Dr. R Sankar	2007	Development of simulation and environment study of scheduling and queue management algorithms for video streaming
					Dr. R Jayaprakash	2009	Development of analytical models and battery energy storage systems for wind powered switched reluctance generator
					Dr. K Giridharan	2007	Modelling simulation and control of a virtual BLDC motor
					Dr. Meneka R	2007	Curvelet based three dimensional reconstruction of anatomical structures
					Dr. Marykutty Cyriac	2008	Lossless and near lossless compression approaches for Gray level images
					Dr. D. Sheela	2008	Dimensioning strategies using topological parameters in optical mesh networks
					Dr. A. R Kavitha	2008	Brain tumour segmentation from MRI images and development of online service for brain cancer prediction
					Dr. C T Kavitha		Development of fusion algorithms and multimodal brain images
Dr.Y.Sukhi	Ph.D	Ph.D	2017	Yes	Mr.Fayaz Ahamed	2017	A Single Stage High Frequency Resonant Converter for LED Driver

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					Ms. N. Malathy	2017	Design and Implementation of High Efficient Resonant Converter for LED Lighting Applications
					Mr. Anilkumar N	2017	Bi Directional Fly Back Converter for Street Lighting
					Mr. Venkatesh S	2017	High Step up DC-DC Converter for Photovoltaic Module Application
					Ms. A Jenifer	2019	PV Based DC DC Resonant Converter With Reduced Conduction Losses For Battery Charger
					Mr A Joseph Sathiadhas Esra	2015	Design of Computationally Efficient Filter bank for Speech Separation in Digital Hearing Aid
					Ms. S.Hema	2015	Investigations on PV Based Closed Loop Cascaded DC-DC Converter System Using Controllers.
					Mr. Rajesh Kumar	2020	Delay Optimization of 4-Bit ALU Designed in FS-GDI Technique
Dr. T. Gnanasekaran	Ph.D	Ph.D	2011	Yes	Mr. Subhash.T.D	2013	Modelling And Simulation Of Low Gate Length INSB QWFET For RF Applications
					Mr Kalyanasundaram P	2012	Optimized Scheduling and Enhanced Dynamic Routing for Improved Network Lifetime in Large Scale WSN
			Mr Baskar M		2013	Region Based Multi Attribute Traffic Impact Based Efficient Low Rate Ddos Attack Detection	
			Mr Rajendran T		2014	Invariant Low Level Feature with Semantics Based Image Mining using	

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							Multi Level Object Relational Semantic Similarity Measures
					Mr Santhosh Krishna B V	2015	Clustering based signalling system for Multimedia Conferencing in Mobile Adhoc Networks (MANETS)
					Ms Priya B	2015	Improvised Hierarchical load balancing algorithm for grid environment in e- governance
					Ms Nandhini J.M	2015	Composite failure metric Checkpointing for fault tolerance in Grid
					Ms K R Chairmalashmi	2017	Performance Analysis of Efficiency Enhancement Techniques for Solar Photovoltaic Power Generation System
Dr .S. Vijayalakshmi	Ph.D	Ph.D	2015	Yes	Mr. Daniel Nareshkumar M	2018	Recognition And Analysis of Indian Sign Language Using Improved Tree Structure Algorithm
					Mr. Gunasekar.P	2018	Detection of Liver cancer using various image mapping techniques and find the Recurrence using Genomic Biomarkers
					Mr. Venkatesh.P	2019	Design and Implementation of a Compact Impulse Based Planar UWB (CIBPUWB) Antenna for Wireless Body Area Networks
					Ms.Joselin Jeya Sheela J	2013	Analysis of breast tumour using UWB antenna and frequency shift technique
Dr .N.M.Jothi	Ph.D	Ph.D	2011		Ms. Kirthiga S	2012	Design of grid connected Transformer

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Swaroopan							less photovoltaic inverters for power system utility
					Ms. Nagabalan U	2014	An improved single stage phase shifted control based AC-DC pfc converter for industrial applications
					Mr. Sriraja Balaguru V.s	2015	Investigation on the integration issues in Grid-tied hybrid power systems
					Mr. Anish Kumar J	2015	Measurement and classification of Power Quality from vibration signal of Induction Motor
					Ms. Nagarani B	2015	MPPT on PV cell using Intelligent Controller to mitigate Partial Shading effect
					Mr. Ramesh K	2017	Wide Area Monitoring, Protection and Control Applications In future Tamilnadu Transmission Network
					Mr. Loganathan V	2017	Stabilty Enhancement Control Strategy of Grid Connected PV/DFIG/FUEL Cell /WPGS System with Improved Voltage Regulation
Dr.K.Chandrasekaran	Ph.D	Ph.D		Yes	Mr.R.Ganesh	2009	Experimental Studies On Characterization And Machinability Of Al 2219 – Sipc Metal Matrix Composite
					Mr. T.G.Loganathan	2009	Influence of Resin Rich Layer On Flexural, Damping And Intrinsic Response Of GFRP Composites
					Mr.G.Mahendran	2009	Damage Detection In Laminated Composite Beams, Plates And Circular

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							Cylindrical Shells Using Modal Analysis
					Mr.Thomas Joseph	2007	Efficient fault recovery for single and multiple failures using P cycle in WDM optical networks
					Mr.E..V.V.Ramanamurthy	2011	Analysis of M G 1 retrial queues with unreliable server and second optional service under various vacation policies
Dr.S.Pavai Madheswari	Ph.D	Ph.D	2007	Yes	Umarani.S	2012	Disaster Recovery and optimization of storage capacity using Data dedication in cloud and Bigdata.(Tentative)
					Suganthi.p	2014	Matrix geometric solutions to solve queuing systems (Tentative)
					Ignatious Viola. X	2015	Discreate time retrial queueing system with N Policy (Tentative)
					Josephine. S A	2018	A Study on the effectiveness of data analytics in optimizing Agriculture productivity in Tamilnadu(Tentative)
					Vasanthamani. K	2018	Innovative methods and optimization of Big Data Analytics in Healthcare(Tentative)
					Vijayabhaskar. V	2018	Analysis of Discrete Time Retrial Queues (Tentative)
					Sharmila Bhargavi. V	2019	Optimization of power consumption in wireless sensor networks using optimal control queueing models (Tentative)
					Jayamani. V N	2019	Discreate time retrial queueing system



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							(Tentative)
					Venkatesan. T	2007	Efficient fault recovery for single and multiple failures using P cycle in WDM optical networks
					Uma Maheswari. E	2011	Analysis of M G 1 retrial queues with unreliable server and second optional service under various vacation policies
Dr.C.K. Sivashankari	Ph.D	Ph.D	2016	Yes	Mrs. R. Valarmathi	2019	Multi rates of production inventory models for deteriorating items .
					Mrs. Lalitha Ramachandran	2019	Production inventory models for perishable products or items.
					Mrs. T. Nithya	2019	Multi products inventory models under multi constrained system
Dr.N.Golden Stepha	Ph.D	Ph.D	2017	Yes	--	--	--
Dr. V.Srinivasan	Ph.D	Ph.D	2006	Yes	Ms.A.Parvathi Priya	2015	Synthesis, Growth and Characterization Of Novel Amino Acid Based Non – Linear Optical Crystals
Dr.P.Bala Ramesh	Ph.D	Ph.D	2017	Yes	Nil	-	-
Dr.A. Vijayalakshmi	Ph.D	Ph.D	2017	Yes	Nil	-	-
Dr.R.Thinesh Kumar	Ph.D	Ph.D	2017	Yes	Nil	-	-
Dr.G.Nixon Samuel Vijayakumar	Ph.D	Ph.D	2013	Yes	Nil	-	-
Dr.P.S.Latha Mageshwari	Ph.D	Ph.D	2017	Yes	Ms.S.Anitha	2015	Growth And Characterization of Single Crystal