



R.M.D. Engineering College

R.S.M. Nagar Kavaraipettai- 601206



Department of Electrical And Electronics Engineering

EEE News Letter

R.M.D. ENGINEERING COLLEGE

R S M Nagar , Kavaraipettai - 601 206

Department of EEE

VISION

To impart quality education with the sole intention to equip them with a global outlook to take up the challenging positions in the field of electrical and electronics engineering with highest professional standards.

MISSION

To provide strong knowledge in electrical and electronics engineering by enhancing their technical skills.

To collaborate with core industries through research activities and to undertake consultancy projects with them in several cutting edge technologies.

To inculcate the leadership qualities to meet the challenges of future with holistic spirits.

Program Educational Objectives(PEOs)

Bachelor of Electrical and Electronics Engineering curriculum is designed to prepare the graduates having attitude and knowledge to

1. Have successful technical and professional careers in their chosen fields such as circuit theory, Field theory, control theory and computational platforms.
2. Engross in life long process of learning to keep themselves abreast of new developments in the field of Electronics and their applications in power engineering.

Academic Year 2018-2019

ODD Semester

UNIVERSITY RANK HOLDERS

S.NO.	BATCH	REGISTER NUMBER	NAME	CGPA	RANK
1.	2014-2018	111514105052	MARIAPPAN AISHVARYA	9.04	NINTH
2.		111514105120	YUVANI P.G	8.97	FIFTEENTH
3.		111514105061	NARMADHA .M	8.95	SEVENTEENTH
4.		111514105074	RAGAVENDRAN K. V	8.95	SEVENTEENTH
5.		111514105064	NITHYA SREE. S	8.87	TWENTY FOURTH
6.		111514105063	NIRUBA. K	8.86	TWENTY FIFTH
7.		111514105087	SATHEESH KUMAR A.K	8.85	TWENTY SIXTH
8.		111514105025	ENIYAVAN RAMESHBABU	8.83	TWENTY EIGHTH
9.		111514105031	IRINE ANN SHELBY	8.79	THIRTY SECOND
10.		111514105018	BINY VARGHESE	8.75	THIRTY SIXTH
11.		111514105110	VENNILA K	8.72	THIRTY NINTH
12.		111514105089	SATHYA PRIYA M	8.67	FORTY FOURTH
13.		111514105073	PRIYADHARSHINI M	8.63	FORTY EIGHTH
14.		111514105085	SANTHA KUMAR U	8.62	FORTY NINTH

UNIVERSITY RESULTS

S.No	Year	Batch	Academic Year 2017-2018 Even Semester (VIII /VI / IV / II)		
			Students Appeared	Students Passed	Pass %
1.	IV	2014-18	143	137	95.80
2.	III	2015-19	136	92	67.65
3.	II	2016-20	128	86	67.19
4.	I	2017-21	103	94	91.3
Overall Department %			80.2		

SYMPOSIUM / WORKHOP / GUEST LECTURE / CONFERENCE ORGANISED



Mr.S.Salai Van Muthu ,Senior Project Manager , CTS released the Souvenir in the EEEsymposium Generix-2K18 inauguration which is received by Dr.V.Tamil Selvi, HOD on 6.08.19



Guest Lecture on Energy Automation in metering by Mr. Srinivasan, Founder owner, Hayagriya E Learnings dated on 20/07/2018.



Guest Lecture on Power System Analysis by Dr. P. Somasundaram, Asso.Prof, Anna University dated on 21/07/2018



Guest Lecture on Placement Motivation by Thiru.S.Salai Van Muthu Senior Project Manager CTS, Chennai dated on 21/07/2018



Guest Lecture on Electronic Devices and Circuits by Dr. S. Bagyaraj Asso.Prof, SSN College of Engineering dated on 18/08/2018



Guest Lecture on Power Plant Engineering by Mr.C.Nallasivan, Assistant Engineer, TNEB dated on 20/08/2018

Papers Published in Journals

S.NO	NAME OF THE FACULTY MEMBERS	TITLE	JOURNAL
1.	Dr.V.Tamil Selvi Professor &Head	Windstalk-New Era of Wind Energy	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P):2249-6890;ISSN(E):2249-8001 Vol.8,Special Issue 8,, Page Nos 103-106,Aug 2018.
2.	Dr.P.Rangarajan Professor	A machine Learning application for reducing the security risks in hybrid cloud networks	Multimedia Tools and Applications ISSN: 1380-7501 (Print) 1573-7721 (Online) DOI https://doi.org/10.1007/s11042-018-6339-0 ,June 2018
		Delay-dependent stability analysis of power system considering communication delays	International Transactions on Electrical Energy Systems Online ISSN:2050-7038 https://doi.org/10.1002/etep.2260 , October 2018.
		Determining effective shortest path in network-on-chip through Bio-Inspired Optimization Techniques.	Wireless personal communications DOI https://doi.org/10.1007/s11277-018-5373-6 Print ISSN0929-6212 Online ISSN1572-834X, October 2018.
3.		Neural network controller based sequential switch cascaded H-bridge multilevel inverter”	International Journal of Engineering & Technology UAE ISSN: 2227-524X, 7 (2.8) pp.592-598, 2018.

	Dr.P.Usha Rani Professor	Monitoring and controlling the voltage and frequency in permanent magnet synchronous generator using sparse matrix converter”,	International Journal of Pure and Applied Mathematics, Vol. 118, No. 24, pp 1-9 (ISSN: 1314-3395), 2018.
		“Simulation and Modelling of soft switching sepic converter for solar PV” ,	“International Journal of Pure and Applied Mathematics, Vol.120, No.6, pp.1853-1869,2018.
		Transmission shortest path using cuckoo search algorithm considering Black-start generators	International Journal of Pure and Applied Mathematics ISSN: 1314-3395Vol. 119 No. 12, pp.15945-15956, 2018.
		Multilevel inverter with AC and Boost DC Outputs for Micro grid Applications	International Journal of Pure and Applied Mathematics ISSN: 1314-3395Vol 119, No. 15, pp. 681-687, 2018.
4.	Ms.J.Sumithra Associate Professor	Delay Dependent Stability Analysis of Generator Excitation Control System	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 15 (2018) pp. 11905-11908, June 2018.
		Controller Design for Single Area Load Frequency Control with Time Delays Using Genetic Algorithm	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 15 (2018) pp. 11909-11916,June 2018.
		Stability Analysis of Micro-Grid considering Communication Delays	Jour of Adv Research in Dynamical & Control Systems ISSN 1943-023X Vol. 10, 09-Special Issue, August 2018.
5.	Ms.J.C.Vinitha Associate Professor	Delay Dependent Stability Analysis of Generator Excitation Control System	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 15 (2018) pp. 11905-11908, June 2018.
		Controller Design for Single Area Load Frequency Control with Time Delays Using Genetic Algorithm	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 15 (2018) pp. 11909-11916, June 2018.
		Stability Analysis of Micro-Grid considering Communication Delays	Jour of Adv Research in Dynamical & Control Systems ISSN 1943-023X Vol. 10, 09-Special Issue, August 2018

STTP / FDP / Seminar, Workshop, Conference Attended

S.No	Name of the Faculty Members	Name of the Programme	Title of the Programme	Venue	Date
1.	Dr.V.Tamil Selvi Professor &Head	FDP	FDP on “Recent Trends in 5G Technologies” conducted by Telecom COE.	RMK Engineering College	02/11/2018
2.	Dr.J.Jayaudhaya Associate Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018
3.	Mr.D.Rajasekaran Associate Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018

		FDP	FDP on “Recent Trends in 5G Technologies” conducted by Telecom CoE.	RMK Engineering College	02/11/2018	
		FDP	“Digital in Manufacturing with real time Demos” conducted by M/S Cognizant Technology Solutions India Private Ltd.	Cognizant Facility, Volery Hall,SDB2,Ground Floor, Shollinganallur	17/11/2018	
4.	Ms.J.Sumithra Associate Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
5.	Ms.J.C.Vinitha Associate Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
6.	Mr.N.S.Srivatchan Associate Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	
7.	Ms.S.Karkuzhalı Assistant Professor	FDP	LATEX Software	RMD Engineering College	30/07/2018 to 06/08/2018	
		FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	
8.	Ms.R.Dhanalakshmi Assistant Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
9.	Mr.U.Nagabalan Assistant Professor	FDTP	FDTP on “Electromagnetic Theory” conducted by Anna University	Vellammal Engineering College	13/06/2018 to 19/06/2018	
		FDTP	FDTP on “Power Electronics” conducted by Anna University	RMK Engineering College	21/06/2018 to 28/06/2018	
		FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		Seminar	Sustainable Energy for Smart Cities	Sree Sastha Institute of Engineering & Technology	03/07/2018 to 04/07/2018	
		FDP	FDP on “Recent Trends in 5G Technologies” conducted by Telecom CoE.	RMK Engineering College	02/11/2018	

		FDP	“Digital in Manufacturing with real time Demos” conducted by M/S Cognizant Technology Solutions India Private Ltd.	Cognizant Facility, Volery Hall,SDB2,Ground Floor, Shollinganallur	17/11/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	
10.	Mr.R.Suresh Assistant Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	FDP on “Recent Trends in 5G Technologies” conducted by Telecom CoE.	RMK Engineering College	02/11/2018	
11.	Mr.S.Sayekumar Assistant Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	
12.	Mr.K.PraveenKumar Reddy Assistant Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	
13.	Mr.M.Venkateswaran Assistant Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	
14.	Ms.P.Priyadharshini Assistant Professor	FDP	TCS Campus commune for Academia conducted by TCS	RMK Engineering College.	23/06/2018	
		FDP	“ Cyber Security-Network Security Tools” conducted by M/S Tata Consultancy Services Ltd.	RMK Engineering College.	19/11/2018	

Faculty sponsored for Doctoral Programme

S.No	Name of the Faculty	Area of Specialization	University
1.	Ms.S.Karkuzhali Assistant Professor	Hybrid Electric Vehicle	Anna University, Chennai

MOOC TOPPERS

S.No	Name of the Faculty	Subject Name
1.	Dr.P.USHA RANI	Power System Analysis
2.	Dr.J.JAYAUDHAYA	Digital Circuits
3.	Ms.J.C.VINITHA	Power System Analysis
4.	Ms.J.SUMITHRA	Digital Circuits
5.	Mr.U.NAGABALAN	Fundamentals of Electrical Engineering
6.	Mr.R.SURESH	Digital Circuits Control Engineering
7.	Mr.S.SAYEEKUMAR	Digital Circuits

INDUSTRIAL VISIT / TOUR

S. No	Year	Batch	Name and Address of the Industry	Date of Visit
1.	II	2017-21	iSteel, Gummidipondi	24/08/2018
			230kV Koratur substation, Koratur	17/07/2018, 18/07/2018&19/07/2018
2.	III	2016-20	TNEB, SCADA, Mount Road	03/07/2018, 07/07/2018
			iSteel, Gummidipondi	25/09/2018, 26/09/2018
3.	IV	2015-19	Vi Micro systems, Perungudi	07/07/2018
			Toshniwal Instruments, Ambattur Industrial Estate	18/08/2018

STUDENTS ACTIVITIES

CO-CURRICULAR ACTIVITIES

Students were participated in the Workshops Project Display, Technical Quiz, Design Contest Texas Instrument.

S. No	Year	Name of the Student	Name of the Competition	Venue
1.	III	Jayesh prasad A	Ethical Hacking	SRM Institute of Science and Technology.
2.	III	Logeshwaran V	Paper Presentation	SSN College of Engineering
3.	III	Nanthabalan S	Paper Presentation	SSN College of Engineering
4.	III	Bakyalakshmi V	Electric Quiz	R.M.K College of Engineering and Technology
5.	IV	Viswa A R	Soccer Board	Thiyagaraja College

6.	IV	Naveen Kumar S	Soccer Board	Thiyagaraja College
7.	IV	RaghulRishvant G P	Soccer Board	Thiyagaraja College
8.	IV	Subash P	Soccer Board	Thiyagaraja College
9.	IV	Megavannan A	Circuit Tricks	R.M.K College of Engineering and Technology
10.	IV	SrivatchSankar	Circuit Tricks	Panimalar Engineering College
11.	IV	Sudhakar M	Circuit Tricks	Panimalar Engineering College

AWARDS RECEIVED

S.No	Name of the Faculty	Award Specification
1	JEYAVANI V	Tharkappukalai “Bharathi Kanda Puthumai Pen”

MOOC TOPPERS

S.No	Name of the Student	Subject Name
1	JAYESH PRASAD A	Programming, Data structures and Algorithms using C

LIST OF STAFF WHO SECURED 100 % RESULT IN THE ACADEMIC YEAR 2018-19:

S.No	Name of the faculty	Designation	Department	Subject Code / Subject Name	Semester / Year	Branch/ section
1.	Mr.R.SURESH	Assistant Professor	EEE	EE6403/Discrete Time Systems and Signal Processing	IV/II	EEE/C

Dr.P.Usharani , Professor

- ✓ Received **BEST INNOVATOR AWARD FROM TEXAS INSTRUMENT IIM BANGLORE FOR PROSPECT DESIGN.**

Ms.J.Jayaudhaya , Associate Professor

- ✓ Completed the Ph.D Degree during this academic year.

Students Published Technical Articles in various areas like IOT , Automation & Robotics &Renewable Energy.