



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)

PEO I. The graduates of the program will pursue a diverse range of career as engineers, consultants and entrepreneurs.

PEO II. The graduates of the program will specify , design and develop solutions to meet the requirements of electrical and electronics industry.

PEO III. The graduates of the program will excel in their profession through effective communication , teamwork , leadership skills and ethical behavior.

PEO IV. The graduates of the program will apply their knowledge in cutting-edge technologies and innovative methods to solve real world problems in electrical and electronics engineering.

Academic Year 2017-2018

EVEN Semester

DEPARTMENT RANK HOLDERS

S.No.	Year	Batch	Reg.No	Name	CGPA	Rank
1.	II	2016-20	111516105088	SHRUTHI J	9.12	I
			111516105039	KAIRUNNISHA S	8.69	II
			111516105078	RASHMITA NAYAK	8.69	III
2.	III	2015-19	111515105023	GAYATHRI R	8.9	I
			111515105034	JOSHNA R	8.8	II
			111515105102	SREELAKSHMI S	8.6	III
3.	IV	2014-18	111514105052	MARIAPPAN AISHVARYA	9.04	I
			111514105120	YUVANI P G	8.97	II
			111514105061	NARMADHA M	8.95	III

UNIVERSITY RESULTS

S.No	Year	Batch	Academic Year 2017-2018 Odd Semester (VIII /VI / IV / II)		
			Students Appeared	Students Passed	Pass %
1	IV	2014-18	143	105	73.43
2	III	2015-19	136	86	63.24
3	II	2016-20	128	85	66.4
4	I	2017-21	106	95	89.62
Overall Department %			72.32		

FACULTY ACTIVITIES

Papers Published in Journals

S. No	Name of the Faculty Members	Title	Journal
1.	Dr.P.Rangarajan Professor	Delay- Dependent stability analysis of LFC in interconnected power system using Advanced Clustering with Frequency Sweeping Method	Journal of Advanced Research in Dynamical and Control system, Issue: 17, pp: 1259-1269 ISSN 1943-023X,December 2017.
		Determining effective shortest path in asynchronous network-on-chip through bio-inspired optimization techniques	Journal of Wireless Personal Communication, https://doi.org/10.1007/s11277-018-5373-6 ,February 2018
		Intelligent computation techniques for optimization of the shortest path in an asynchronous network-on-chip	Journal of Cluster Computing, https://doi.org/10.1007/s10586-018-1924-6 ,February 2018

		Real Time Dash Streaming Architecture for Internet of Things using FBM-RWP Model for Medical Videos	Journal of Current Medical Imaging Reviews, ISSN(1573-4056) Volume 14, 6 Issues, 2018
2.	Dr.P.Usha Rani, Professor	Sustain the Critical Load in Blackout using Virtual Instrumentation	Lect. Notes Electrical Eng., Springer - Intelligent and Efficient Electrical Systems, Vol.No. 446, pp 77-88, ISBN:978-981-10-4851-7 (SCOPUS),December 2017
		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, 2018
		Neural network controller based sequential switch cascaded H-bridge multilevel inverter	International Journal of Engineering & Technology UAE, Vol.7 (2.8) pp.592-598, 2018
4.	Ms.J.Sumithra Associate Professor	A Fuzzy Logic Controller based Static Synchronous Compensator	IET,DOI: 10.1049/cp.2016.1517,ISBN: 978-1-78561-826,June 2018
		Delay-Dependent stability analysis of LFC in interconnected power system using Advanced Clustering with Frequency Sweeping Method	Journal of Advanced Research in Dynamical and Control system Issue: 17, pp: 1259-1269 ISSN 1943-023X , December 2017
5.	Ms.R.Vanitha Assistant Professor	Zigbee Technology Based Dairy Industry Process	International Journal Of Current Engineering And Scientific Research (Ijcesr), ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-5, ISSUE-3, March 2018
		Driver Assistance And Safety	International Journal Of Current Engineering And Scientific Research (Ijcesr), Issn (Print): 2393-8374, (Online): 2394-0697, Volume-5,Issue-4,April 2018

Papers Presented in Conferences

S.No	Name of the Faculty Members	Title	Date & Venue
1.	Dr. V. Tamil Selvi Professor and Head	“Windstalk –New Era of Wind Energy in” International Conference on Automobile,Marine & Mexhnical Engineering(ICAMME2018)	04/05/2018 & 05/05/2018, Sri Venkateswara College of Engineering
2.	Ms.R.Vanitha Assistant Professor	“Wireless Supervisory Controls for Industrial Automation ”, in International Conference on Power Electronics and Renewable Energy Systems (ICPERES-2018)	04/04/2018, Rajalakshmi Engineering College,Chennai.

STTP / FDP / Seminar, Workshop, Conference Conducted:

S.No	Name of the Faculty Members	STTP/FDP/Seminar, Workshop, Conference Conducted	Chief Guest	Date & Venue
1.	Ms.R.Dhanalakshmi Assistant Professor & Mr.S.Sayekumar Assistant Professor	STTP on PLC Training	-	08/01/2018 to 11/01/2018, R.M.K Engineering College

STTP / FDP / Seminar, Workshop, Conference Attended

S.No	Name of the Faculty Members	STTP/FDP/Seminar, Workshop, Conference Attended	Date & Venue
1.	Dr. V. Tamil Selvi Professor and Head	Conclave on “Design education for creating values and driving business growth”	19/01/02018 & 20/01/2018, IIT Madras, Chennai
2.	Mr.D.Rajasekaran Associate Professor	Workshop on “ Internet of Things for Industrial Applications”	19/01/2018 and 20/01/2018, Velammal Engineering College
3.	Ms.J.Sumithra Associate Professor	Seminar on “ Application of Renewable Energy Resources towards Smart Grids”	07/12/2017 & 08/12/2017, Velammal Engineering College

4.	Mr.U.Nagabalan Assistant Professor	Workshop on “ Internet of Things for Industrial Applications”	19/01/2018 & 20/01/2018 Velammal Engineering College
5.	Mr.R.Suresh Assistant Professor	Seminar on “ Application of Renewable Energy Resources towards Smart Grids”	07/12/2017 & 08/12/2017, Velammal Engineering College
		National Workshop on “Advances in Automobile Electronics”(NWAAE’18)	18/05/2018 to 19/05/2018, SRM Institute of Science & Technology, Kattankalathur

STUDENTS ACTIVITIES :

CO-CURRICULAR ACTIVITES

Students were participated in the Workshops on various topics like Ethical Hacking, Cyber Security and Mobile Communication, Brain Controlled robotics etc. ,Project Display, Technical Quiz.

S. No	Year	Name	Name of the Event	Date & Venue	Prizes won
1.	III	Shrivatch Sankar	Circuit Debugging	28/02/2018 Panimalar Engineering College	I
2.	III	Subash.P			
			Soccer Bot	24/02/2018 Thiagarajar College of Engineering	II
3.	III	Viswa A.R	Soccer Bot	24/02/2018 Thiagarajar College of Engineering	II
4.	III	Haripriya.M	Technical Quiz	T.J.S Engineering College	I
5.	III	Naveenkumar.S	Soccer Bot	24/02/2018 Thiagarajar College of Engineering	II

EXTRA CURRICULAR ACTIVITES

S.No	Year	Name	Name of the Event	Prizes Won, If any
1.	IV	R.Vishal	Digital India Marathon	Participated
2.	II	M.Shri Krishna Moorthy	Athletics	II
			800mts	I
			400mts	I
			4*400 mts	II
			1500mts	I
3.	II	K.Sushmitha	Table Tennis	III
4.	II	A.P. Lokesh	Athletic Meet	I
			Hand Ball	I
			Basketball	I
			Weightlifting	III
			Power Lifting	III
			Javelin Throw	I
			Discuss Throw	I
			Shotput Throw	I
5.	II	V.Jeyavani	Athletics	III

CERTIFICATION COURSES DONE BY STUDENTS:

S.No	Register Number	Name of the Student	Name of the Course/Subject	Organised by	Date
1.	111516105035	Jayesh Prasad	Programming,Data Structures and Algorithms Using C	NPTEL Online Certification, IIT	March 2018
			Basic Electronics	NPTEL Online Certification,IIT	April 2018
			Electromagnetic Theory	NPTEL Online Certification,IIT	April 2018

2.	111516105028	Harieshwar.J.A	Programming,Data Structures and Algorithms Using C	NPTEL Online Certification, IIT	March 2018
3.	111516105114	Vishalini. M	Programming,Data Structures and Algorithms Using C	NPTEL Online Certification, IIT	March 2018

STUDENTS PUBLISHED IN JOURNALS:

S.No	Year	Batch	Register Number	Name of the Student	Title	Journal
1.	IV	2014-18	111514105095	B.Siva Sarathi	Zigbee Technology Based Dairy Industry Process	International Journal Of Current Engineering And Scientific Research (Ijcesr), ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-5, ISSUE-3, March 2018
			111514105319	G.Praveen Kumar		
			111514105324	Vayaluru Sudheer B.E		
2.	IV	2014-18	111514105008	R.Alltrin	Driver Assistance And Safety	International Journal Of Current Engineering And Scientific Research (Ijcesr), Issn (Print): 2393-8374, (Online): 2394-0697, Volume-5, Issue-4, 2018 April 2018
			111514105113	T.Vignesh		
			111514105007	AkulaVasuv Prithvi		

SYMPOSIUM / GUEST LECTURE ORGANISED

S.No	Name of the Programme	Date	Name & Address of Chief Guest	Name of the Subject
1.	Guest Lecture	23/01/2018	Dr.Guanseelan, Assistant Professor, Anna University, Chennai	Discrete Time Systems and Signal Processing
2.		09/02/2018	Dr.N.P.Subramanian, Assistant Professor, Pindicherry Engineering College, Puducherry.	Measurements and Instrumentation
3.		24/02/2018	Prof.N.Sundaresan Retd.TNEB Engineer, Chennai	Electrical Machines - I

4.		12.01.2018	Mr.G.S.Krishnamurthy, Group Manger-CAE . Royal Enfield.	Application of Control system theory in assessing of two wheeler stability
5.		17/02/2018	Mr.A.Arun, Embedded Systems Engineer, E-Con Systems	Embedded Systems
6.		24/02/2018	Prof.N.Sundaresan Retd.TNEB Engineer, Chennai	Power System Operation and Control
7.	SYMPOSIUM	26/02/2018	Shri S. Chandrasekaran, General Manager, Viki Industries Pvt Ltd, Gummidipoondi.	-

BOOK PUBLISHED BY STAFF:

S.No	Name	Title of the book	Publisher
1.	Dr.V.Tamil Selvi Professor and Head	Basic Electrical, Electronics & Measurement Engineering	Charulatha Publications ,Jan 2018

LIST OF STAFF WHO SECURED 100 % RESULT IN THE ACADEMIC YEAR 2017-18:

S.No	Name of the faculty	Designation	Department	SubjectCode / Subject Name	Semester / Year	Branch/ section
1 .	Ms.J.Jayaudhaya	Associate Professor	EEE	EE6301/Digital Logic Circuits	III/II	EEE/B

Mr.R.Suresh, Assistant Professor

- ✓ Received “Elite certificate” in Control Engineering from NPTEL online certification, IIT-Madras.
- ✓ Received certification for the course “Principles of signals and systems” from NPTEL online certification ,IIT-Madras.

STUDENT AWARDS:

- Mariyappan Aishwarya (2014-18 batch) of EEE Department received the **BEST OUTGOING STUDENT HOSTELLER** .
- K.V.Ragavendran (2014-18) batch of EEE department received **BEST STUDENT AWARD** from ISTE for the academic year 2017-18.
- R.Vishal (2014-2018 batch) of EEE department received **YOUNGEST ACHIEVER IN SPORTS** award in International Youth Fest 2017.

- M.Jeevitha (2014-18 batch) received Rs.50,000 cash prize in Smart India Hackathon 2018 – Software along with CSE team members.
- EEE Boys received the Overall Championship in the Intra Murals during the academic year 2017-2018.
- R.Vishal (2014-18 batch) received **BEST SPORTSMAN AWARD** by Tamilan Awards and also received **BEST SPORTS PERFORMER AWARD** from RMDEC for the academic year 2017-18..
- A.P Lokesh and Shri.M.Krishna Moorthy(2016-20 batch) received **INDIVIDUAL CHAMPIONSHIP FOR MEN** award in the Athletic Meet for the year 2017-2018.

Students Published Technical Articles in various areas like Solar Cells ,Wireless Transmission &Electrical Machines.