



# 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**

**EVEN Semester**

## DEPARTMENT RANK HOLDERS

S.NO.	ACADEMIC YEAR	YEAR	BATCH	REGISTER NUMBER	NAME	CGPA	RANK
1.	2017-2018	II	2017-21	111517105006	ARIVEZHIL G	9.36	I
2.				111517105008	ASHTAKALA PRAVALLIKA	9.16	II
3.				111517105011	ASVITHA M	9.14	III
4.		III	2016-20	111516105088	SHRUTHI J	9.20	I
5.				111516105028	HARIESHWAR J A	8.74	II
6.				111516105039	KAIRUNNISHA S	8.69	III
7.				111516105078	RASHMITA NAYAK	8.69	IV
8.		IV	2015-19	111515105023	GAYATHRI R	8.91	I
9.				111515105034	JOSHNA R	8.85	II
10.				111515105102	SREELAKSHMI S	8.65	III

## UNIVERSITY RESULTS

S.No	Year	Batch	Batch	Academic Year 2018-2019 Odd Semester (VII /V / III / I)		
				Students Appeared	Students Passed	Pass %
1.	IV	2014-18	2015-19	134	85	63.4
2.	III	2015-19	2016-20	128	79	61.7
3.	II	2016-20	2017-21	107	53	49.5
4.	I	2017-21	2018-22	73	55	72.4
Overall Department %				61.5		

## GUEST LECTURE ORGANISED

S.No	Name of the Programme	Title of the Programme	Date	Name & Address of Chief Guest
1.	Guest Lecture	IEEE Awareness Program	02/02/2019	Mr.A.Aravindhan, City Development Associate, Tech for India,Chennai
2.		Product Design Using Embedded Systems & Robotics	05/02/2019	Mr.R.Ganapathi, Tech Product Analyst & Promoter, EPR Labs, Chennai.

**FACULTY ACTIVITIES**  
**Papers Published in Journals**

S.NO	NAME OF THE FACULTY MEMBERS	TITLE	JOURNAL
1.	<b>Dr.P.Rangarajan</b> Professor	An optimized reconfigurable algorithm for FPGA oriented IoT applications	Cognitive Systems Research ISSN: 1389-0417 Volume 52, December 2018, Pages 335-341, December 2018.

**Papers Presented in Conference**

S.No	Name of the Faculty Members	Title of the Paper	Name of the Conference	Venue	Date
1.	<b>Dr.P.Usha Rani</b> Professor	A step for carbon future	International Conference on Smart City Model (ICSCM 2019)	IIT MADRAS	20/01/2019 & 21/01/2019

**Workshop, Conference Conducted**



Student presenting his paper in the Green Energy Conference 2019

S.No	Name of the Faculty Members	Type of the Programme	Title of the Programme	Venue	Date
1.	<b>Dr.V.Tamil Selvi</b> Professor & Head	Conference	National Conference on Green Energy	RMDEC	02/04/2019
2.	<b>Dr.J.Jayaudhaya</b> Associate Professor  <b>Mr.D. Rajasekaran</b> Associate Professor	Mini Project	IEDC Sponsored Mini Project	RMDEC	20/02/2019

**STTP / FDP / Seminar, Workshop, Conference Attended**

S.No	Name of the Faculty Members	Name of the Programme	Title of the Programme	Venue	Date
1.	<b>Dr.V.Tamil Selvi</b> Professor &Head	Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
2.	<b>Dr.P.Rangarajan</b> Professor	Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
		FDP	Machine Learning in Image and Video Analytics	IIT Roorkee	3/12/2018 to 9/12/2018
3.	<b>Dr.P.Usha Rani</b> Professor	FDP	IoT Technologies	R.M.D Engineering college	07/05/2018 to 12/05/2018
		Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
		Conclave	Materials & Technologies in Energy conversion &Storage(MTCES-2018) e-Vehicle	IIITDM, Kanchipuram, Chennai	28/12/2018 to 29/12/2018
		Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019
4.	<b>Dr.J.Jayaudhaya</b> Associate Professor	Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
		Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019
5.	<b>Ms.J.Sumithra</b> Associate Professor	Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019
6.	<b>Ms.J.C.Vinitha</b> Associate Professor	Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019

		FDTP	FDTp On EE8401-Electrical Machines-II.	RMKCET	03/12/2018 to 15/12/2018
7.	<b>Ms.M.Uma Maheswari</b> Assistant Professor	Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
		Workshop	Revolutionary Technology-IOT Applications in Electrical and Electronics Engineering.	Sri Venkateswara College of Engineering, Sripurumbudur.	03/01/2019 to 04/01/2019 .
8.	<b>Ms.S.Karkuzhali</b> Assistant Professor	Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019
9.	<b>Ms.R.Dhanalakshmi</b> Assistant Professor	FDTP	FDTp On EE8401-Electrical Machines-II.	RMKCET	03/12/2018 to 15/12/2018
		Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019
10.	<b>Mr.U.Nagabalan</b> Assistant Professor	FDTP	FDTP on “EE8401-Electrical Machines-II”	RMKCET	03/12/2018 to 15/12/2018
		Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019
		FDP	FDP on “Industrial Automation using Schneider PLC” by Schneider Electric	New Horizon College of Engineering, Karnataka	29/01/2019 to 31/01/2019
11.	<b>Mr.R.Suresh</b> Assistant Professor	Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019

12.	<b>Mr.S.Sayekumar</b> Assistant Professor	Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
13.	<b>Ms.R.Vanitha</b> Assistant Professor	FDTP	FDTP On EE8401- Electrical Machines-II.	RMKCET	03/12/2018 to 15/12/2018
		Seminar	Internet of Things(IOT)	R.M.D. Engineering College	24/12/2018
		Workshop	Challenges of integrating Wind & Solar Systems into Electric Grid using Information & Communication Technology.	RMK Engineering College	04/01/2019 to 05/01/2019

#### **Faculty sponsored for Doctoral Programme**

S.No	Name of the Faculty	Area of Specialization	University
1.	<b>Ms.R.Dhanalakshmi</b> Assistant Professor	Electric Vehicle	Anna University, Chennai

#### **MOOC TOPPERS**

S.No	Name of the Faculty	Subject Name
1.	Mr.S.SAYEEKUMAR	Digital Circuits, Computer Architecture, Microprocessor and Microcontroller
2.	MS.S.KARKUZHALI	Electric Vehicle
3.	MS.R.DHANALAKSHMI	Electric Vehicle
4.	Mrs.P.PRIYADHARSHINI	Electric Vehicle

#### **INDUSTRIAL VISIT / TOUR**

S. No	Year	Batch	Name and Address of the Industry	Date of Visit
1.	II	2017-21	North Chennai Thermal Power Station, Athipet	10/01/2019
			VI Microsystems Pvt. Ltd., Perungudi	07/02/2019
2.	III	2016-20	Toshniwal Instruments Pvt. Ltd., Ambattur	03/01/2019
			Western Thomson Pvt. Ltd., Gummidipoondi	09/01/2019

**STUDENTS ACTIVITIES**  
**CO-CURRICULAR ACTIVITIES**

S. No	Year	Name of the Student	Name of the Competition	Venue
1.	III	RashmitaNayak	Project Presentation	IIT Madras Research Park
			Rural Innovators Startup Conclave (RISC-2018)	NIRD & PR , Hyderabad
2.	III	Shruthi J	Rural Innovators Startup Conclave (RISC-2018)	NIRD & PR , Hyderabad
3.	III	VennapusaPavanKumar	Technical events	SSN College of Engineering
4.	III	Srija R	“A step for carbon future” international conference on smart city model (icscm 2019)	IIT chennai
			Design Contest Texas Instrument	IIM Banglore
5.	III	Susmitha K	“A step for carbon future” international conference on smart city model (icscm 2019)	IIT chennai
			Design Contest Texas Instrument	IIM Banglore
6.	III	Vishalini M	“A step for carbon future” international conference on smart city model (icscm 2019)	IIT chennai
			Design Contest Texas Instrument	IIM Banglore
			Rural Innovators Startup Conclave (RISC-2018)	NIRD & PR , Hyderabad
7.	III	Vignesh R	IoT Challenge 2019	SRM IST, Vadapalani, Chennai
8.	III	Yuvaraj S	IoT Challenge 2019	SRM IST, Vadapalani, Chennai
9.	II	Deepika D	Technical Quiz	Vellammal Engineering College
			Circuit Debugging	Vellammal Engineering College
10.	II	Dipica Krishna T	Technical Quiz	Vellammal Engineering College
			Circuit Debugging	Vellammal Engineering College

## **ACHIEVEMENTS OF THE DEPARTMENT**

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

S.No	Name of the faculty	Designation	Department	SubjectCode / Subject Name	Semester / Year	Branch/ section
1 .	<b>Dr.V.Tamil Selvi</b>	Professor &Head	EEE	ME8792/Power Plant Engineering	III/II	EEE/A

#### **V.Jeyavani of Third Year EEE**

- ✓ Won the Gold and Silver Medal in International Tournament at Malaysia (Karate)
- ✓ Won the Silver Medal in Sparring in South Asian Taekwondo Championship
  
- ✓ **R.Gayathri of Final Year EEE** received Best Out going Sports woman award
  
- ✓ **Raghul Rishvanth G P of Final Year EEE** received the Best Outgoing Student Hosteller .
  
- ✓ **M.SHRI KRISHNA MOORTHY of Third Year EEE** won the Athletics Individual Championship in Intramurals

**OVER ALL CHAMPIONSHIP - BOYS RUNNER- UP ROLLING TROPHY** for the academic year **2018-19** goes TO DEPARTMENT OF EEE SECURED **135 POINTS.**

**Students Published Technical Articles in various areas like Flex circuits , HMIS & PCB design.**