



# 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 2019-2020**

**ODD Semester**

## UNIVERSITY RANK HOLDERS

S.NO.	BATCH	REGISTER NUMBER	NAME	CGPA	RANK
1.	2015-2019	111515105023	GAYATHRI R	8.85	TWENTY FOURTH

## UNIVERSITY RESULTS

S.No	Year	Batch	Academic Year 2019-2020 Odd Semester (VIII /VI / IV / II)		
			Students Appeared	Students Passed	Pass %
1.	IV	2016-2020	128	78	60.94
2.	III	2017-2021	108	60	55.56
3.	II	2018-2022	83	31	37.35
4.	I	2019-2023	53	27	50.94
Overall Department %			<b>51.19</b>		

## CONFERENCE /FDP ORGANISED



**Dr.M.Balaji** Professor, SSN Engineering College Handled a session on Hardware Architecture, pin outs in the Faculty Development Training Programme on EE8551-Microprocessors & Microcontrollers Co-ordinated by Dr.V.Tamil Selvi (Professor & Head),& Ms.J.Jayaudhaya (Associate Professor) during 17/06/19 to 22/06/19

## GUEST LECTUR ORGANISED

S.No	Date	Name & Address of Chief Guest	Name of the Subject
1.	04.07.2019	Mr.V.MUTHUKUMAR, DS-GOOGLE.	Opportunities in Core Industry
2.	03.08.2019	Dr.S.BAGYARAJ , Associate Professor,	Electronic Devices & Circuits

		SSN College Of Engineering.	
3.	06.08.2019	Mr.V.HARIHARAN, Founder, SPACE ZEE, Chennai.	Introduction to Smart Grid
4.	10.08.2019	Dr.N.P.SUBRAMANIAM, Assistant Professor, Pondicherry Engineering College.	Flexible AC Transmission Systems
5.	10.08.2019	Mr.H.SUBRAMANI, Member of Technical Staff, ZOHO.	JAVA & SQL
6.	19.08.2019	Ms.PADMAVATHY,CEO Sarada Technologies, Chennai.	Industry 4.0

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

S.No	Name of the Faculty Members	STTP/FDP/Seminar/Work shop/	Delivered /Organized/Attended	Date & Venue
1.	Dr.V.Tamilselvi	Anna University Sponsored Faculty Development Training Program on EE8551 Microprocessors and Microcontrollers	Coordinator	R.M.D. Engineering College, Kavaraipettai. 17.06.2019 to 22.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
2.	Dr.P.Rangarajan	AICTE Sponsored STTP On Design of Power Converters for Renewable Energy	Delivered	R.M.K. Engineering College, Kavaraipettai. 21.06.2019 to 27.06.2019
		AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Delivered	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019
		Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
3.	Dr.P.Usha Rani	Two Day Conclave on Engineering Education for Digital Transformation & Industry 4.0	Attended	R.M.K. Engineering College, Kavaraipettai. 06.12.2019 to 07.12.2019
		NPTEL-AICTE Sponsored Faculty Development	Attended	July- September 2019 (One Week)

		Programme on DC Microgrid		
		AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019
		AICTE Sponsored STTP On Design of Power Converters for Renewable Energy	Delivered	R.M.K. Engineering College, Kavaraipettai. 21.06.2019 to 27.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
4.	Dr.J.Jayaudhaya	NPTEL-AICTE Sponsored Faculty Development Programme on DC Microgrid	Attended	July- September 2019 (One Week)
		AICTE Sponsored STTP On Design and Development Of Power Electronic Converters in Renewable Energy Conversion.	Attended	R.M.K. Engineering College, Kavaraipettai. 21.06.2019 to 27.06.2019
		AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Delivered	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019
		Anna University Sponsored Faculty Development Training Program on EE8551 Microprocessors and Microcontrollers	Coordinator	R.M.D. Engineering College, Kavaraipettai. 17.06.2019 to 22.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
5.	Mr.D.Rajasekaran	AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019

		Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Delivered	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
6.	Ms.J.Sumithra	Two Day Conclave on Engineering Education for Digital Transformation & Industry 4.0	Attended	R.M.K. Engineering College, Kavaraipettai. 06.12.2019 to 07.12.2019
		AICTE Training and Learning(ATAL) Academy Sponsored FDP On Power Electronic Converters and Controlllers for EV and Smartgrid	Attended	Indian Institute of Information Technology,Design & Manufacturing(IITD M),Kanchipuram,Che nnai. 18.12.2019 to 22.12.2019
		AICTE Sponsored STTP On Design and Development Of Power Electronic Converters in Renewable Energy Conversion.	Attended	R.M.K. Engineering College, Kavaraipettai. 21.06.2019 to 27.06.2019
		AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
7.	Dr.N.S.Srivatchan	Anna University Sponsored Faculty Development Training Program on EE8551 Microprocessors and Microcontrollers	Attended	R.M.D. Engineering College, Kavaraipettai. 17.06.2019 to 22.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
8.	Ms.J.C.Vinitha	AICTE Training and Learning(ATAL) Academy Sponsored FDP On Power Electronic Converters and Controlllers for EV and Smartgrid	Attended	Indian Institute of Information Technology,Design & Manufacturing(IITD M),Kanchipuram,Che nnai. 18.12.2019 to 22.12.2019
		NPTEL-AICTE Sponsored Faculty Development	Attended	July- September 2019 (One Week)

		Programme on DC Microgrid		
9.	Ms.M.Uma Maheswari	Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
		Faculty Development Program Guru Srishti	Attended	R.M.K. Engineering College, Kavaraipettai. 18.06.2019
10.	Ms.R.Dhanalakshmi	NPTEL-AICTE Sponsored Faculty Development Programme on DC Microgrid	Attended	July- September 2019 (One Week)
		Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
11.	Ms.S.Karkuzhali	AICTE Training and Learning(ATAL) Academy Sponsored FDP On Power Electronic Converters and Controlllers for EV and Smartgrid	Attended	Indian Institute of Information Technology,Design & Manufacturing(IITD M),Kanchipuram,Che nnai. 18.12.2019 to 22.12.2019
		IITDM & IEEE-IIITDM Student Branch Sponsored Two-days Workshop on Electric and Hybrid Vehicle Engineering(EHVE 2019)	Attended	Indian Institute of Information Technology,Design & Manufacturing(IITD M),Kanchipuram,Che nnai. 18.10.2019 to 19.10.2019
		Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
		Two Day Conclave on Engineering Education for Digital Transformation & Industry 4.0	Attended	R.M.K. Engineering College, Kavaraipettai. 06.12.2019 to 07.12.2019
		Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019

		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai.19.06.2019
12.	Mr.U.Nagabalan	NPTEL-AICTE Sponsored Faculty Development Programme on DC Microgrid	Attended	July- September 2019 (One Week)
		Faculty Development Program on Change in Learning Approach.	Attended	Cognizant, Siruseri 05.07.2019
		AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019
13.	Mr.R.Suresh	AICTE Sponsored Two Weeks Faculty Development Programme on Challenges of Integrating Wind and Solar into the Electricity Grid using Information Communications Technology	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 27.06.2019
		Workshop on Automotive Joint Certification Program	Attended	Regional Training center, BOSCH, Bharath University, Selaiyur. 3.6.2019 to 7.6.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
14.	Mr.S.Sayekumar	Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
15.	Mr.K.Praveen Kumar Reddy	Two Day Conclave on Engineering Education for Digital Transformation & Industry 4.0	Attended	R.M.K. Engineering College, Kavaraipettai. 06.12.2019 to 07.12.2019
		AICTE Sponsored STTP On Design and Development Of Power Electronic Converters in Renewable Energy Conversion.	Attended	R.M.K. Engineering College, Kavaraipettai. 21.06.2019 to 27.06.2019
16.	Ms.R.Vanitha	AICTE Training and Learning(ATAL) Academy Sponsored FDP On Power Electronic Converters and Controlllers for EV and Smartgrid	Attended	Indian Institute of Information Technology,Design & Manufacturing(IITD)

				M),Kanchipuram,Che nnai. 18.12.2019 to 22.12.2019
		NPTEL-AICTE Sponsored Faculty Development Programme on DC Microgrid	Attended	July- September 2019 (One Week)
		Faculty Orientation session on study Abroad Opportunities by Education Matters.	Attended	R.M.K. Engineering College, Kavaraipettai. 26.08.2019
		Anna University Sponsored Faculty Development Training Program on EE8301-Electrical Machines-I	Attended	R.M.K. Engineering College, Kavaraipettai. 14.06.2019 to 20.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
17.	Ms.P.Priyadarshini	AICTE Sponsored STTP On Design and Development Of Power Electronic Converters in Renewable Energy Conversion.	Attended	R.M.K. Engineering College, Kavaraipettai. 21.06.2019 to 27.06.2019
		Seminar On Understanding of New Framework of NAAC	Attended	R.M.D. Engineering College, Kavaraipettai. 19.06.2019
		Faculty Development Program Guru Srishti	Attended	R.M.K. Engineering College, Kavaraipettai. 18.06.2019
18. +	Ms.P.M.Kalpana	AICTE Training and Learning(ATAL) Academy Sponsored Short Term Course on Internet of Things: Concepts and Implementation	Attended	Indian Institute of Information Technology,Design & Manufacturing(IITD M),Kanchipuram,Che nnai. 15.11.2019 to 19.11.2019
		Faculty Development Program Guru Srishti	Attended	R.M.K. Engineering College, Kavaraipettai. 18.06.2019

#### Faculty sponsored for Doctoral Programme

S.No	Name of the Faculty	Area of Specialization	University
1.	<b>Ms.J.C.Vinitha</b> Assistant Professor	Power System	Anna University, Chennai
2.	<b>Ms.R.Vanitha</b> Assistant Professor	Power System	Anna University, Chennai

## MOOC TOPPERS

S.No	Name of the Faculty	Subject Name
1.	Dr.P.USHA RANI	DC Microgrid
2.	Dr.J.JAYAUDHAYA	DC Microgrid
3.	Ms.J.C.VINITHA	DC Microgrid
4.	Ms.J.SUMITHRA	DC Microgrid
5.	Ms.M.UMA MAHESWARI	DC Microgrid
6.	Mr.U.NAGABALAN	DC Microgrid
7.	Mr.S.SAYEEKUMAR	Microelectronics Devices To Circuits - Online Computer Organization and Architecture:A Pedagogical Aspect
8.	Ms.R.VANITHA	DC Microgrid

## INDUSTRIAL VISIT / TOUR

S. No	Year	Batch	Name and Address of the Industry	Date of Visit
1.	II	2018-2022	North Chennai Thermal Power StationAthipet	25.06.2019 , 26.06.2019
			iSteel , Gummidipoondi	05.07.19 , 06.07.19
2.	III	2017-2021	M&H Progressive Skills Pvt. Ltd , Chennai	31.07.2019 , 01.08.2019
			TNEB 400 kV Substation , Sriperumbudur	10.07.2019 , 11.07.2019
3.	IV	2016-2020	Vi Microsystems , Perungudi	22.06.2019 , 29.06.19
			TNEB Alamathy 400/230-110kV Substation	03.07.2019 , 01.08.2019

## STUDENTS ACTIVITIES

### CO-CURRICULAR ACTIVITIES

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

S. No	Year	Name	Name of the Event	Date & Venue	Prizes won
1	IV	D. Sriram	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	I
2	IV	S. Nandhini Dhath	SMART INDIA HACKATHON 2019	08/07/2019 T to 12/07/2019	I
3.	IV	B. Loka Snega	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	I
4.	IV	Praiseto C P	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	I

5.	IV	Pavan Kumar V	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	I
6.	IV	Madhumitha M	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	I
7.	IV	Vishalini M	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	Participated
8.	IV	Srija R	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	Participated
9.	IV	Shruthi D	SMART INDIA HACKATHON 2019	08/07/2019 TO 12/07/2019	Participated
10.	IV	Vishali R R	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	Participated
11.	IV	Swetha P D	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	Participated
12.	IV	Swathi A	SMART INDIA HACKATHON 2019	08/07/2019 to 12/07/2019	Participated
14.					Participated
16.	II	Tharoon B	SYNSARA 2K19 CRIC BIDD	Sairam Engg College 20/09/2019 & 21/09/2019	Third

### EXTRA CURRICULAR ACTIVITES

S. No	Year	Name	Name of the Event and Place	Date	Category	Prizes Won
1.	IV	Jeyavani V	6 <sup>th</sup> National Open Karate Championship 2019	18/08/2019	Individual Kata	1 <sup>st</sup> Gold
2.	IV	Jeyavani V	6 <sup>th</sup> National Open Karate Championship 2019	18/08/2019	Individual Kumite	1 <sup>st</sup> Gold
3.	IV	Jeyavani V	6 <sup>th</sup> National Open Karate Championship 2019	18/08/2019	Team Kata	1 <sup>st</sup> Gold

## AWARDS:



**Final Year EEE Team(2016-2020 Batch) Won the First Prize with a Cash Award of Rs.75,000 in Smart India Hackathon 2019 (Hardware Edition) held at IISER+NCL,Pune during July 8th to July 12th 2019**



**Ms.Charulatha of EEE Department Receiving the TISLA Award from the Guest of Honour Dr.Mylswamy Annadurai Retd.Director ISAC**

## MOOC TOPPERS

S.No	Year	Name of the Student	Subject Name
1	II	NANDA KUMAR.P	Introduction to Programming in C
2	III	SADHIK SYED	Introduction to Internet of Things - Online
3	III	MASI SURYA THEJA	Introduction to Internet of Things - Online
4	III	NIMESH VARSHAN SJ	Introduction to Internet of Things - Online
5	III	DIPICA KRISHNA T	Introduction to Internet of Things - Online
6	III	RUPIKA S	Introduction to Internet of Things - Online
7	III	PRIYA B	Introduction to Internet of Things - Online

**BOOK PUBLISHED BY STAFF:**

S.No	Name	Title of the book	Publisher
1.	<b>Dr.P.Rangarajan</b> Professor  <b>Ms.R.Vanitha,</b> Assistant Professor	Digital Signal Processing	A.R.S Publications, June 2019.

**Dr.V.Tamil Selvi, Professor and Head of the Department**

- **Recognized as Reviewer for the Journal Institute of Scholars .**

**Dr.P.Usharani , Professor**

- **Recognized as IEEE Senior Member .**

**Students Published Technical Articles in various areas like IOT , Hybrid Vehicles & Robotics & Automation.**