

# Newsletter Oct 2020

## From the HOD's Desk

Welcome to the Dept. of ECE, at RSET, Kochi. This newsletter will be covering departmental activities of staff and students and the major milestones achieved.

Electronics and Communication Engineering is one of the most popular courses in the engineering field. As the name suggests, the course complies the concepts from both the communication and the electronic engineering courses.

There is no dearth of good opportunities for an Electronics and Communication Engineer as they can avail job opportunities in a multitude of industries upon successful completion of their degree.

### VISION:

To evolve into a premier technological and research institution, moulding eminent professionals with creative minds, innovative ideas, and sound practical skill, and to shape a future where technology works for the enrichment of mankind.



### MISSION:

To impart state-of-the-art knowledge to individuals in various technological disciplines and to inculcate in them a high degree of social consciousness and human values, thereby enabling them to face the challenges of life with courage and conviction.

### The Way Forward:



## About the Department

HOD: Dr. Rithu James

VLSI Research Group:  
Dr. Jobin K Antony

Communications  
Research Group:  
Dr. Jaison Jacob

Signal Processing  
Research Group:  
Ms Harsha A

Staff Activities :  
Mr.Abhishek  
Viswakumar

Staff Activities  
Publications:  
Mr.Ajai V Babu

Student Activities:  
Mr.Rony Antony

Placement Activities:  
Mr.Kiran K A

Short Term Courses:  
Dr.Simi Zerine Sleeba

Lab new S/W & H/W:  
Ms..Jisa David

Upcoming Activities  
Events:  
Ms..Deepthy G S

Mentoring Activities:  
Ms.Preethi Bhaskaran

Alumni Activities:  
Mr.Bonifus P L

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## ACHIEVEMENTS:

Event	Details	Faculty Name	Duration	University/Institute
FDP	Artificial Intelligence	Ms. Shyama Sreekumar	1 <sup>st</sup> Oct to 5 <sup>th</sup> Oct 2020	AICTE ATAL Academy
	Web Based Simulation Tools	Mr. Anoop Thomas, Mr. Nitheesh Kurian	27 <sup>th</sup> Oct to 30 <sup>th</sup> Oct 2020	Govt. Women's Polytechnic College in Association with SITTR Kalamassery
STTP	Trends and Technologies in Antenna device and its Research Scopes	Ms. Mariya Vincent, Ms. Shyama Sreekumar, Ms. Deepthy G. S.	12 <sup>th</sup> Oct to 17 <sup>th</sup> Oct 2020	Toc H (AICTE sponsored)
	Outcome Based Education for Technical Institutions Phase I	Mr. Abhishek Viswakumar, Mr. Dhanesh M. S., Dr. Jaison Jacob, Ms. S. Santhi Jabarani, Mr. Kiran K A, Mr. Karunakara P Menon, Ms. Deepthy G. S., Mr. Nitheesh Kurian	14 <sup>th</sup> Oct to 20 <sup>th</sup> Oct 2020	RSET( AICTE sponsored)
	Deep Learning Using Medical Data	Ms. Jasmin Sebastin	12 <sup>th</sup> Oct to 16 <sup>th</sup> Oct 2020	Finland Labs
	RADARS and SONARS: In Academic, Industrial and Defence Perspectives (Phase-II)	Dr. Rithu James, Ms. Harsha A, Ms. Deepthy G. S.	19 <sup>th</sup> Oct to 24 <sup>th</sup> Oct 2020	PSG College of Technology, (AICTE sponsored)
	Linear Algebra	Mr. Jaison Jacob	7 <sup>th</sup> Oct to 9 <sup>th</sup> Oct 2020	Dept. of Mathematics, RSET & Centre of Topology and Applications (CETA)
Webinar	Internet and Communication Revolution	Mr. Dhanesh M. S., Mr. Karunakara P Menon	31 <sup>st</sup> Oct 2020	RSET
	The Research Grant Applications Guide	Dr. Jaison Jacob	22 <sup>nd</sup> Oct 2020	John Wiley & Sons Research Webinar
	Stochastic Process & Mathematical Modelling	Mr. Jaison Jacob	14 <sup>th</sup> Oct to 16 <sup>th</sup> Oct 2020	Dept. of Mathematics, RSET & Centre of Topology and Applications (CETA)

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## STUDENT ACHIEVEMENT:

Sl.No	Name of student	Paper Title	Class	Date
Contest attended				
1	Mr. Jerin Peter	" Won the Worldwide IEEE IAS CMD Student Robotics Demonstration Contest"	S3 ECE, Beta	11 <sup>th</sup> Oct 2020

## TECHNICAL STAFF ACHIEVEMENTS:

Sln0	Program	Duration	Handled by	Venue
Short term courses completed				
1	Eagle	14 <sup>th</sup> to 16 <sup>th</sup> Oct 2020	Mr. Shaibu Kurian	ARC
2	TINA TI	19 <sup>th</sup> to 23 <sup>rd</sup> Oct 2020	Mr. Jithin T.	ARC

## RESEARCH GROUP ACTIVITIES:

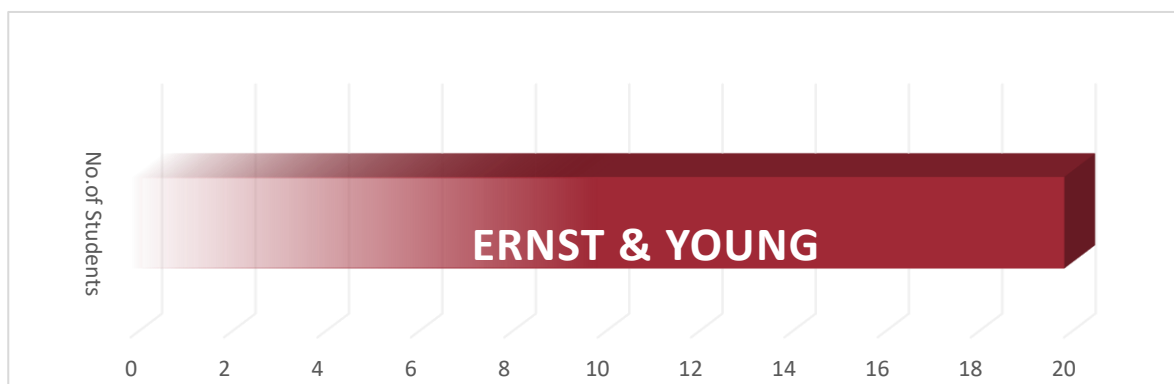
Sl no	Programs	Date	Handled by	Participants
ACTIVITIES DONE				
1	Signal Processing Research Group: Seminar on "EEG Signal Modelling"	8 <sup>th</sup> Oct 2020	Ms. Harsha A.	ECE Department

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## Interaction with outside world...

Sl no	Programs	Date	Organised by	Session handled by
<b>SESSIONS CONDUCTED</b>				
1	Three-day Faculty Development Program on Web Based Circuit Simulation Tool: "ARDUINO CIRCUIT DESIGN USING TINKER CAD"	30 <sup>th</sup> Oct 2020	Govt. Women's Polytechnic College, Kozhikode	Mr Anoop Thomas
2	Three-day Faculty Development Program on Web Based Circuit Simulation Tool: "ARDUINO CIRCUIT DESIGN USING TINKER CAD – MICRO PROJECT DESIGN"	30 <sup>th</sup> Oct 2020	Govt. Women's Polytechnic College, Kozhikode	Mr Nitheesh Kurian

## PLACEMENT SCENARIO:



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## *Training on Eagle & TMA M for Technical Staff :*



## *Congratulations...*



Mr. Mohammed Shahimshah  
(2016-2020 batch)  
Placed in TEK systems



Mr. Jerin Peter(S3 ECE)  
Selected as one of the finalist of  
IAS CMD Robotics Contest 2020