Newsletter Nov 2020

RSET
RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY
AUTONOMOUS

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 .

With the growing demand of Electronics Engineers in the Government and private sectors, the Department is making best efforts to produce highly trained and capable engineers who can take up the challenges of the real world. Importance is given to quality teaching and learning process so staff members and students are encouraged to join various technical and non-technical forums, which in turn gives them a great exposure to engineering concepts and technology.
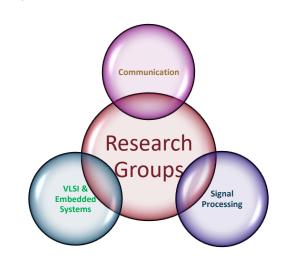
VISION:

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:

Communication

Research Groups

VLSI & Embedded Systems

Signal Processing

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	Internet of Things	Ms. S. Santhi Jabarani, Ms Tressa Michael	14th to 18th Nov 2020	IIT, Goa AICTE Training and learning (ATAL) Academy
STTP	Outcome Based Education for Technical Institution (Phase-2)	Mr. Kiran K A, Ms. S. Santhi Jabarani, Mr. Naveen N, Ms. Deepthy G S	15th to 21st Nov 2020	RSET
	Scientific Computing with Python	Dr. Simi Zerine Sleeba	9th to 20th Nov 2020	Rajiv Gandhi Institute of Technology, Kottayam
	Data Analytics in Biomedical Engineering	Mr. Naveen N., Ms. Deepthy G S	23rd to 28th Nov 2020	Karpagam Academy of Higher Education (AICTE sponsored)
Webinar	Ethics in Engineering	Mr. Dhanesh M. S.	7th Nov 2020	Department of Basic Sciences & Humanities, RSET

PAPER PUBLICATION:

Faculty Name	Paper Title	Journal details
Dr. Simi Zerine Sleeba	Traffic aware routing in 3D NoC using interleaved asymmetric edge routers	Nano communication Networks , Elsevier Publishers , IF: 2.621 (accepted for publication)

STUDENT ACHIEVEMENTS:

Sl.No	Name of student	Paper Title	Details	Date
		Paper Publication		
1	Shehzad Ibrahim K. M., Rahul Xavier, Sanjay Stephen, Sam Stephen Paulson	"Deep Signature ID: CNN and SNN algorithms in Signature Identification"	International Journal for Research in Engineering Application & Management (IJREAM), ISSN: 2454-9150, Vol-06, Issue-05	1st Aug 2020

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ONLINE COURSES OF STUDENTS:

Sl. No	Course Title	Course Details	Duration	Name of the student	Batch
			Online Courses		
1	AI Master Class	Pantech Solutions	30 days	Ann Mary Martin, Ann Mary Thomas, Roja Elna Jacob	M.Tech VAES
2	Cyber Threats and Attack Vectors	University of Colorado System	5 weeks	Cerin Kuriakose	M.Tech COME
3	Introduction to Python	COURSERA PROJECT NETWORK	1 weeks	Lavanya Sudheesh	M.Tech COME
4	Mind Control: Managing Your Mental Health During COVID-19	University of TORONTO	4 weeks	Sunitha V S	M.Tech COME

TECHNICAL STAFF ACHIEVEMENTS:

Sl.no	Program	Duration	Organised by	Venue
1	Demonstration of OFC Splicing Machine and Scanning Spectrometer	20th Nov 2020	Mr. Jinoy Abraham	Microwave/RF Lab

RESEARCH GROUP ACTIVITIES:

Sl.no	Programs	Date	Handled by	Participants
		ACTIVITIES DONE		
1	Communication Research Group: Seminar on "An Introduction to Microwave Imaging Systems".	24th Nov 2020	Ms. Deepthy G S	ECE faculty members

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PLACEMENT ACTIVITIES CONDUCTED:

Session	Activities	Handled by	Date
1	Training session on Digital CMOS	Dr. Jobin K Antony	13th Nov 2020
2	Talk on FPGA and VLSI Testing	Mr. Karunakaran P Menon	13th Nov 2020
3	Placement training on Analog VLSI	Mr. Kiran K A	16th Nov 2020
4	Placement training on Embedded system	Mr. Rony Antony	17th Nov 2020
5	Introduction Algorithm	Mr. Nitheesh Kurian	18th Nov 2020
6	Placement Tips	Mr. Anoop Thomas	18th Nov 2020

Training on OFC Splicing Machine and Scanning spectrometer for Technical Staff :