

Newsletter Jun 2021

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 .

The ECE Department has a rich tradition in research and teaching. The research interests of the faculty members of the department encompass the wide area of applied and fundamental aspects of Electronics and Communication Engineering.

The Department has strong research groups in all the major areas:

- 🚩 Communication
- 🚩 VLSI & Embedded Systems
- 🚩 Signal Processing

VISION:

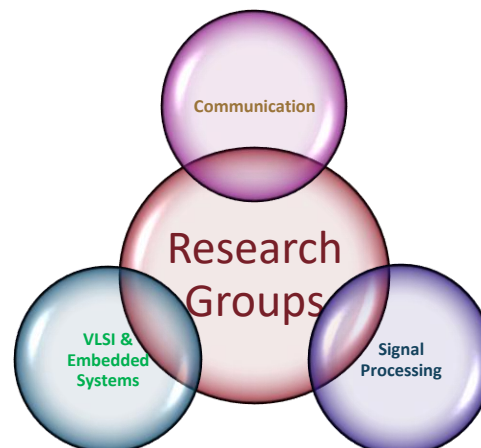
To evolve into a premier technological and research institution, moulding eminent professionals with creative minds, innovative ideas, and sound practical skill, and to shape a future where technology works for the enrichment of mankind.



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

Communication
Research Group:
Dr. Jaison Jacob

Signal Processing
Research Group:
Ms. Harsha A

Editor:

Ms. Deepthy G S

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 Sleebea

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

Mentoring Activities: Ms.
Preethi Bhaskaran

Alumni Activities: Mr.
Bonifus P L

Industry Interactions: Mr.
Karunakara P Menon

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STAFF ACHIEVEMENTS:

Event	Details	Faculty Name	Duration	University/Institute
FDP	Inculcating Universal Human Values in Technical Education	Mr. Abhishek Viswakumar, Mr. Bonifus P L, Ms. Deepthy G S, Ms. Swapna Davies, Mr. Ajai V Babu, Mr. Dhaneesh M S	31 st May to 4 th Jun 2021	All India Council for Technical Education(AICTE)
	Wireless Communication Technologies	Mr. Jaison Jacob	21 st to 25 th Jun 2021	Atal Bihari Vajpayee Indian Institute of Information Technology and Management. AICTE Training And Learning (ATAL) Academy
	Recent Developments in Machine Learning & Data Sciences	Ms. Deepthy G.S.	2 nd to 4 th Jun 2021	Department of Electronics, Toc H Institute of Science & Technology, Ernakulum
	5G & Beyond	Mr. Abhishek Viswakumar	28 th Jun to 1 st Jul 2021	Department of Electronics and Communication Govt. Engineering College Wayanad TEQIP
	Machine Learning on Recent Trends and Applications	Ms. Rinju Mariam Rolly, Ms. Preethi Bhaskaran, Dr. Jayanthi V. S, Ms. Harsha A, Dr. Rithu James	21 st to 26 th Jun 2021	Srinivasa Ramanujan Institute of Technology
Workshop	Wireless Communication Technologies	Dr. Simi Zerine Sleeba, Mr. Anoop Thomas	29 th May to 6 th Jun 2021	Department of CSE, IIT Guwahati in collaboration with the University of Naples Fedrico II, Italy (SPARC)

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PAPER PRESENTATION:

Faculty Name	Paper Title	Conference details
Ms. Deepthy G S, Dr.M Nesasudha, Mr. Karthikeyan T.A.	Early Detection of Skin Tumor Using Dipole Antenna	3rd International Conference on Signal Processing and Communication (ICPSC - 2021), Organized by Department of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Published in IEEE Xplore - June 2021, DOI: 10.1109/ICSPC51351.2021.9451639

PAPER PRESENTATION:

Sl. No	Name of student	Paper Publication	Details
1	Suveta Yadav, Nivetha K M, Rohit Mathew, Salman Faris, Ms. Caroline Ann Sam, Dr. Sreekumar G	Network of Outdoor Air Purification Systems; Air Quality Measurement Analysis and Display Systems using Mesh Network Topology	Accepted in IPRECON 2021 IEEE International Power and Renewable Energy Conference, College of Engineering Karunagappally, Kerala

Interactive Session organized by SOUL (Skills onto Uplifting Life):

Sl. No	Resource Persons	Topic	Details	Date
1	Mr. Anoop Thomas, Mr. Karunakara P Menon, Dr Simi Zerine Sleeba	Roadmap to a Career in Technology	Session for +1 and +2 students and parents, Higher studies opportunities – online mode	Organized by S.O.U.L., Community cell, Department of ECE on June5th,2021

e-connect activities:

Sl. No	Resource Person	Details	Link
1	Dr. Suresh Nair, Founder of Design Alpha & Biophoton Technologies	To provide insights into the key aspect like education, career paths and the skill sets required to be a successful techno-manager	https://www.youtube.com/watch?v=tmG9Mzt268s

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STUDENT ACHIEVEMENTS:

Sl. No	Name of student	Achievement	Details
1	Nivetha K.M S8 ECE Beta and Punitha K.M of S2 ECE	First Position in IEEE idea pitching contest	IEEE SB GEC Thrissur
2	Sisin Saju (1st), Reneeta Sara John (3rd) of S6 ECE Gamma	Electro vision, IEEE PELS Day celebration	IEEE College of Engineering Poonjar
3	Annu Abraham of S2 ECE Alpha (1st) and Aleena Rose Biju of S8 ECE Alpha (3rd)	Weblog, blog writing competition	RSET IEDC
4	Jerin Peter S4 ECE Beta,	Delivered a talk on 'Introduction to ROS'	IEEE SB, Govt. Engineering College , Barton Hill
5	Jerin Peter S4 ECE Beta,	Delivered a talk on 'Introduction to ROS'	MACE IEEE SB
6	Jerin Peter and T S Alwin of S4 ECE	Winner of Project Presentation Competition	IEEE SB, NSS Palakkad "Autonomous Navigation Bot"

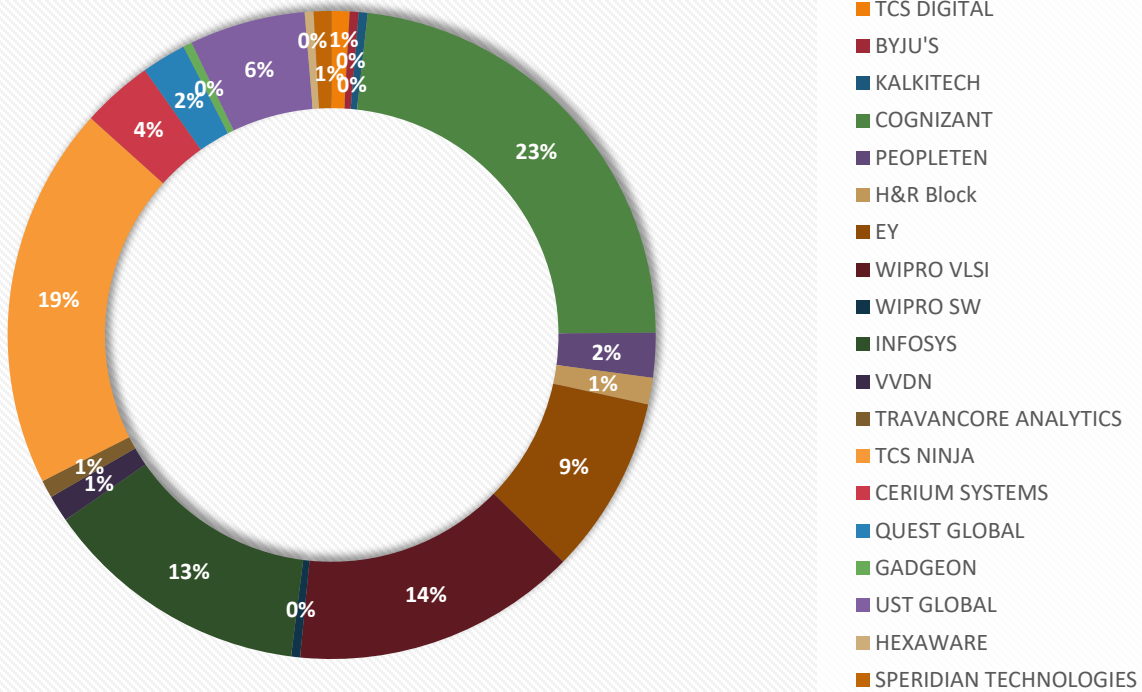
PLACEMENT ACTIVITIES:

Sl. No	Activities	Faculty	Date
1	Placement oriented Training_Phase2_Session1: CMOS Digital design - Front end	Mr. Dhanesh M S	8 th Jun 2021
2	Placement oriented Training_Phase2_Session2: CMOS Physical design - Back end	Dr. Jobin K Antony	9 th Jun 2021
3	Placement oriented Training_Phase2_Session3: Digital System Design	Mr. Rony Antony P	17 th Jun 2021
4	Placement oriented Training_Phase2_Session4: Analog VLSI Design: Device level aspects.	Mr. Kiran K A	19 th Jun 2021

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PLACEMENTS.....

Placements as on 4th Jun 2021



PLACEMENTS AS ON 4TH JUN2021

