

# Newsletter Sep 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 .

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

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 Sleeba

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 PAPER PUBLICATIONS:

| Sl.No | Paper Title   | Faculty Name           | University/Institute   |
|-------|---|------------------------|--|
| 1     | An improved channel estimation for underwater acoustic OFDM and COFDM systems | Dr. Sabna N.           | Int. J. Systems, Control and Communications, Vol. 12, No. 3, pp.264–278. (Scopus)  |
| 2     | Interleaved Edge Routing in Buffered 3D Mesh & CMesh NoC                      | Dr. Simi Zerine Sleeba | 8th International Conference on Smart Computing and Communications (ICSCC 2021), at Muthoot Institute of Technology and Science, Kochi |

## STUDENT ACHIEVEMENTS:

| Sl.No | Name of student           | Achievement                          | Details  |
|-------|---------------------------|--------------------------------------|--|
| 1     | Abhishek Gopal - S4 Alpha | Master Trainer in the "Sannadhasena" | A mass awareness programme on "Sannadhasena" organized by NSS cell during the year 2020-2021 |
| 2     | Adithya SM - S4 Alpha     | Third prize in "Live quiz"           | IEEE Kochi Hub - AASET SB-   |

## Signal Processing Research Group Activities:

- Product level and lab utilization projects.
- Autonomous Projects (Hobby level) after S2 Exams.
- Naveen made ARC incharge.

## SHORT TERM COURSES:

| Sl.No | Topic                      | Co-ordinators          | Target Audience | Period  |
|-------|----------------------------|------------------------|-----------------|---|
| 1     | Report Writing using Latex | Dr. Simi Zerine Sleeba | S4 ECE students | 16 <sup>th</sup> to 17 <sup>th</sup> Aug 2021 |