

# ECE Newsletter July 2024



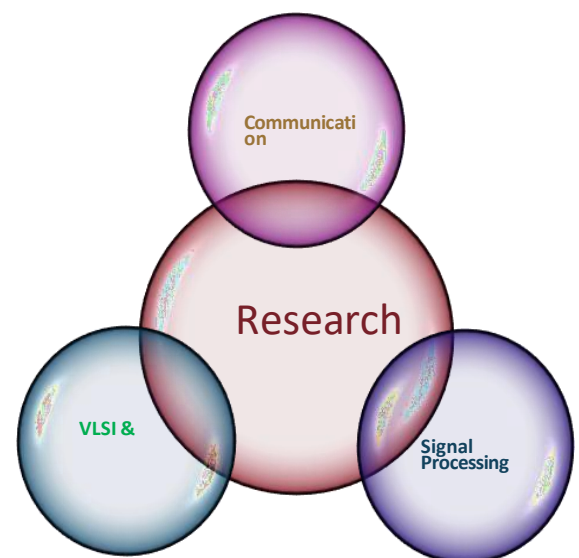
## VISION:

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. Jisa David

VLSI Research Group:

Dr Jobin K Antony

Communication Systems Research

Group:

Dr. Jaison Jacob

Signal Processing Research Group:

Ms. Harsha A

Editor:

Ms. Soni Monica

Staff Activities:

Mr. Abhishek Viswakumar

Staff Activities Publications :

Ms. Rinju Mariam Rolly

Student Activities :

Mr. Rony Antony

Placement Activities:

Mr. Kiran K A

Short Term Courses:

Dr.Simi Zerine Sleeba

Lab new S/W & H/W:

Mr. Abhishek Viswakumar

Mentoring Activities:

Ms. Preethi Bhaskaran

Alumni Activities:

Mr. Bonifus P L

Industry Interactions:

Mr Karunakara P Menon

## From HOD's Desk

Welcome to the Department of ECE, at RSET, Kochi. This newsletter will be covering departmental activities of staff and students and the major milestones achieved in the month of July 2024.

## Smart Technology Showcase



As part of skill development programs for the faculty members, Department of ECE conducted a workshop on Iot, ThingWorx and Vuforia on 11.07.2.24. The session was handled by Mr. Vikas Gowda D.V. (IoT Application Engineer). The event was co-ordinated by Asst. Professor Mr. Bonifus P.L.

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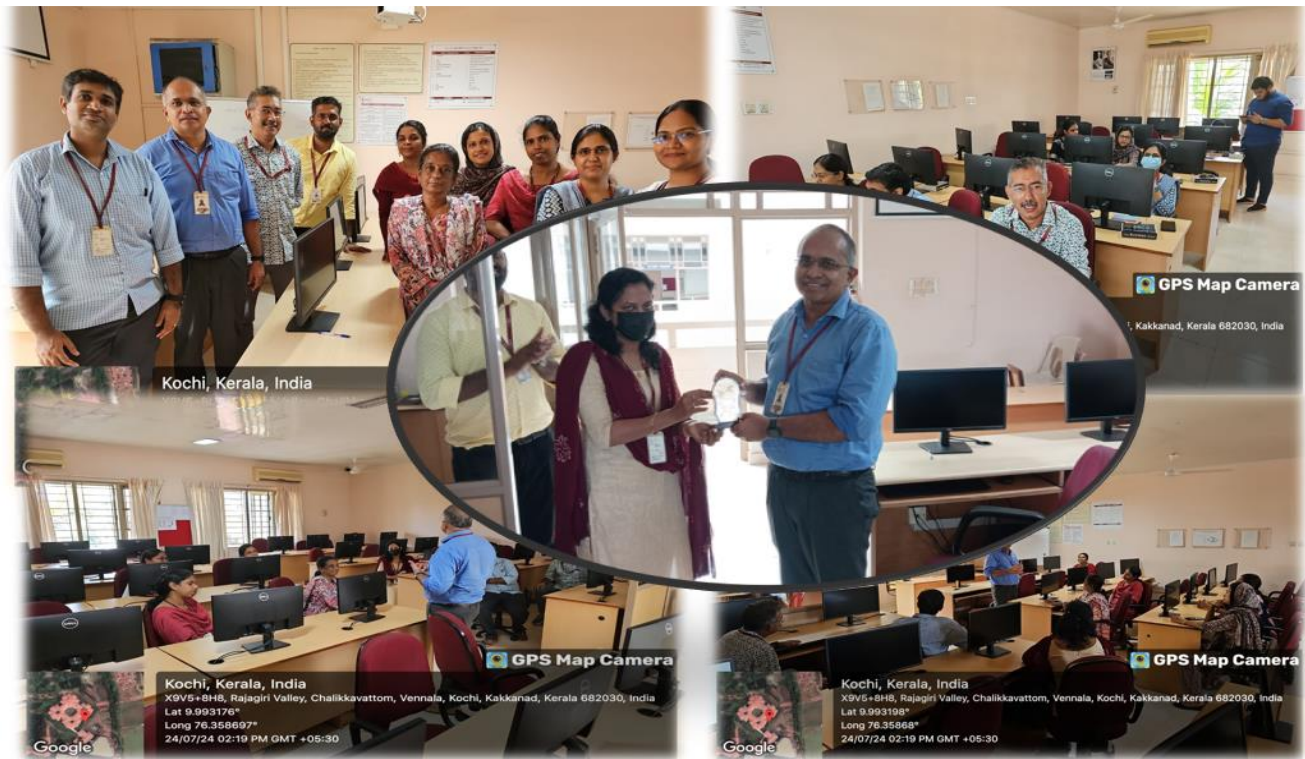
### Industrial Visit



The staff members of Department of ECE and AEI had an Industrial visit to M/s. Agappe Diagnostics ltd., Pattimattom on 22.07.2024. The members had an opportunity to visit their state of the art laboratory and R&D centre to get acquainted with the most modern equipments and instruments. There was also an interactive session with their core management team as well as technical team regarding the protocols and procedures being used to meet the product standards.



## FPGA based digital design



A 2-day skill development program on FPFPA Based Digital Design was conducted by the Dept. of ECE on 23.07.2024 & 24.07.2024. The program aimed at a comprehensive approach to impart the participants with knowledge and hands on experience necessary to understand the methodology of digital design using FPGAs. Participants engaged in practical lab sessions to implement and test digital circuits, and were able to gain proficiency in design tools like Xilinx Vivado. The session was handled by Prof. Dr Jobin K Antony. The event was co-ordinated by Asst. Professor Kiran K. A.

## MoU Signing between RSET and Elena Geo Systems



RSET has signed a Memorandum of Understanding (MoU) with M/s. Elena Geo Systems Pvt Ltd, Bengaluru. Prof Dr Jaison Jacob played the key role in successful accomplishment of this MoU. M/s. Elena Geo Systems is in the business of Research, Development, Manufacturing, and Sale of Indian Regional Navigation Satellite System (IRNSS), also called Navigation with Indian Constellation (NavIC). The association with M/s. Elena Geo Systems through projects and the knowledge transfer will lead RSET through new pathways in the future.

## RIDHI – 2024



Academic Retreat Programme RIDHI-2024 for faculty was held on 18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> July 2024. A Talk on *Changing Landscape of Engineering Education – Industry Perspective* was handled by Shri. Sushanth Kurunthil , CEO Infopark Kochi & Sessions on *Effective Writing of Course Outcomes* and *Best Practices in Teaching Learning* was handled by Prof. Dr Umakant P Kulkarni, SDM college Dharwad. Presentations on Academic Statistics and Methodologies adopted for Continual Improvement of all departments were explained by respective HODs. Interactive activity session based on Team Building was handled by Rev. Fr. Sabu Thomas, Asst Professor, S H college , Thevara. First two days of Programme was conducted at RSET campus and the final day sessions was held at Indriya Sands Resort, Cherai.

