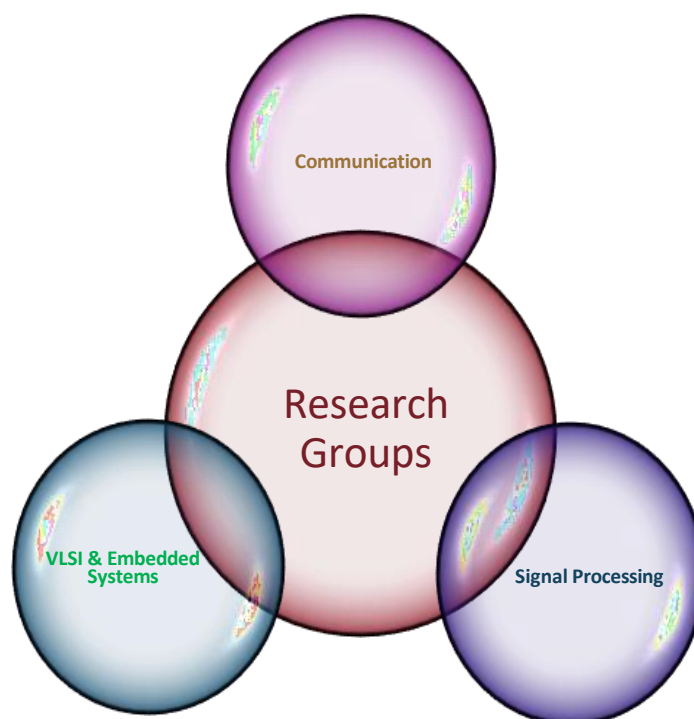# ECE Newsletter JUNE 2023

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

ECE Newsletter JUNE 2023

About the Department

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VLSI Research Group:
Dr Jobin K Antony

Communication Research Group:
Dr. Jaison Jacob

Signal Processing Research Group:
Ms. Harsha A

Editor:
Ms. Sunitha Wilson Gomez

Staff Activities:
Mr. Abhishek Viswakumar

Staff Activities Publications
Ms. Sunitha Wilson Gomez

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 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.

In the month of June 2023, the major activities of our department

- International workshop on Embedded Systems: RTOS and TCP/IP communication
- Internship Certification Program
- Electronics Workshop Blessing Ceremony
- Electronauts June Activities
- Samavarthanam 2023
- Winners of RSET Voice hunt 2023

RSET RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

International workshop on Embedded Systems: RTOS and TCP/IP communication

The Department of Electronics and Communication Engineering conducted five days international workshop on "Embedded Systems: RTOS and TCP/IP communication" for RSET students from 29th May to 2nd June 2023.

Prof. Karsten Schmidt (Course director of Mechatronics and Robotics) Frankfurt University of Applied Sciences, Germany leads the workshop. This workshop is being conducted as part of a MoU between RSET and Frankfurt University of Applied Sciences.
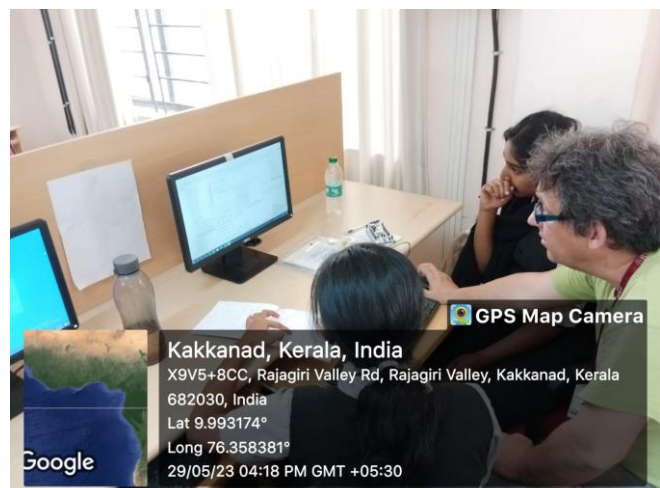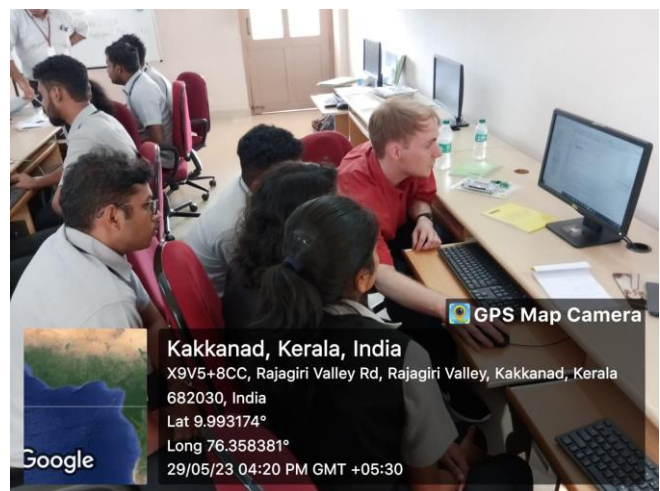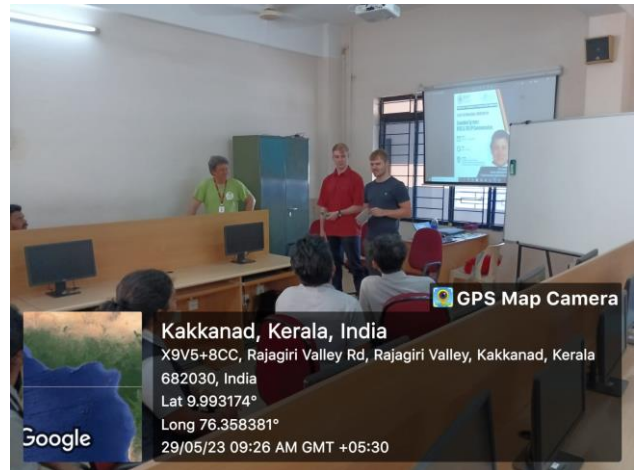
Coordinators

Dr. Jobin K. Antony

Mr. Anoop Thomas

Mr. Rony Antony

Venue: Shannon lab, PG Block

The primary emphasis of this workshop was on the aspects of embedded systems, resulting in the participation of 15 students from the Department of Electronics and Communication. The workshop commenced with an official inauguration by Professor Dr. Jobin K Antony, followed by Professor Karsten Schmidt from Frankfurt, along with his two students Nick and Simon. Spanning across five days, each day of the workshop focused on either embedded systems or communication concepts, encompassing both theoretical and practical aspects.

Internship Certification Program

Hands-on internship certification program on VLSI Design, Embedded & IOT, AI & ML for 6th semester B.Tech ECE students will commence from 22nd June 2023 evening onwards. The program is technically supported by Tessolve Semiconductor PVT LTD which is a multinational semiconductor engineering solution provider based in Bangalore, India. The company offers engineering expertise in the areas of Semiconductor IC Design, Test & Product Engineering, PCB design, Failure Analysis and Systems design. The duration of the program is 30 hours and will be conducted in online mode till 5th July 2023.

Students attended

1) Beneetta Maria Thomas - VLSI Design

2) Sabith Ishack   - VLSI Design

3) Ramkishan   - VLSI Design

4) Vinayak S Kaimal   - Embedded IoT Programming

Faculty Coordinator: Mrs. Jasmin Sebastion

Blessing Ceremony of Electronics Workshop

The Electronics Workshop on the second floor of KE block was blessed by Assistant Director: Fr. (Dr.) Joel George Pullolil CMI and Fr. Joseph Mathew on 21st June 2023. The blessing ceremony was graced by the presence of ECE faculty members, technical staff and faculty members from other departments.

Electronauts June Activities

EVENT : DEAL OR NO DEAL
DATE :26 MAY 2023
VENUE : SIGNAL PROCESSING LAB

DEAL OR NO DEAL was a marketing event where the teams were given a product and they needed to market the product to the audience within a specified time.

EVENT : MYSTERIUM
DATE :9 JUNE 2023
VENUE : ECE SEMINAR HALL

MYSTERIUM was a team Puzzle event with two rounds. Round 1 was a crossword puzzle and Round 2 was a picture puzzle.

EVENT : ELECTRIVIA
DATE : 2023
VENUE :SIGNALS AND SYSTEMS LAB

ELECTRIVA was a Technical Quiz event conducted for ECE,AEI and EEE students.

Samavarthanam 2023

S8 EC Alpha

S8 EC Beta

S8 EC Gamma

Winners of RSET Voice Hunt 2023

The following are the winners from ECE department.

Eastern Category

Winner: Ms. Nandana K Menon S2 EC Beta

Second Runner-up: Mr. Sudipto Bagchi S2 EC Gamma

Western Category

First Runner up-Ms. Anna Retchi S2 EC Alpha