

Newsletter Jan 2023

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.

Engineering professionals are an innovative, exciting cohort – they are constantly looking for ways to improve systems and develop better solutions to all kinds of problems. As a result, they shape the world of tomorrow.

From robotics and nanotechnology to drones and virtual reality, electronics engineers play an important role in designing what we will be doing, thinking, and even wearing in the future.

Electronics engineers are always at the forefront of future technologies, so if you like shaping the future, this is the career for you.

VISION:

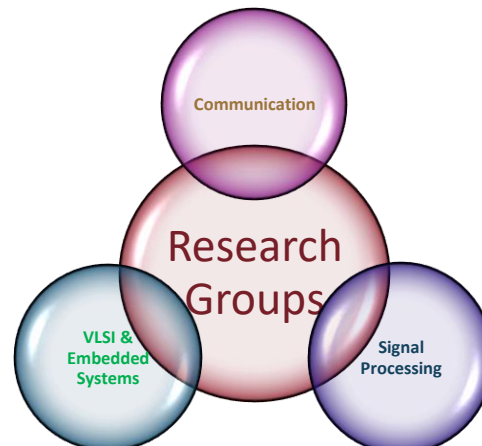
To evolve into a premier technological and research institution, moulding eminent professionals with creative minds, innovative ideas, and sound practical skill, and to shape a future where technology works for the enrichment of mankind.



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

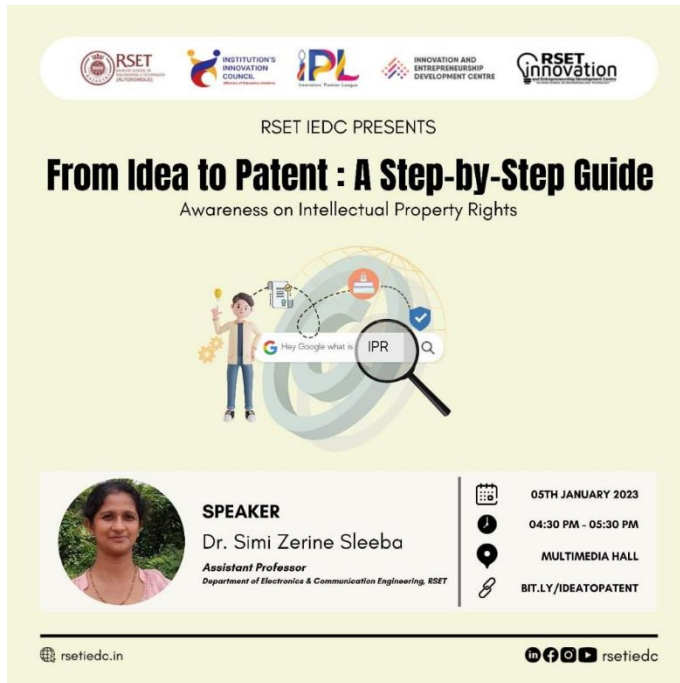
Short Term Courses:
Dr.Simi Zerine Sreeba

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



RSET IEDC PRESENTS

From Idea to Patent : A Step-by-Step Guide

Awareness on Intellectual Property Rights

SPEAKER
Dr. Simi Zerine Sleeba
Assistant Professor
Department of Electronics & Communication Engineering, RSET

05TH JANUARY 2023
04:30 PM - 05:30 PM
MULTIMEDIA HALL
BIT.LY/IDEATOPATENT

rsetiedc.in

RSET IEDC presents

🔗 From Idea to Patent: A Step-by-Step Guide 🔗 A session that intends to develop Awareness on Intellectual Property Rights, led by Dr.Simi Zerine Sleeba (Asst Professor, Dept of ECE, RSET)

📅 : 5th January 2023

🕒 : 4:30 PM - 5:30 PM

📍 : Multimedia Hall

🔗 Register: <http://bit.ly/IdeaToPatent>

From Idea to Patent: A Step-by-Step Guide

RSET IEDC conducted a session - **From Idea to Patent: A Step-by-Step Guide** to provide awareness about the various aspects of Intellectual Property Rights. The session was handled by **Dr. Simi Zerine Sleeba** (Assistant Professor, Department of ECE) and covered topics like the need for IPR, the various types of IPR, the application procedure, etc.

Date: **05 January 2023**

Time: **4:30 PM - 5:30 PM**

Venue: **Multimedia Hall**

Student Coordinators: **Minnu Sebastian (S5 EEE), Vani Lakshmi V (S5 ECE GAMMA)**

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Paper Publications:

Sl.No	Name of faculty	Title of paper	Details of Publication
1	Ms. Rinju Mariam Rolly	Unmanned aerial vehicles: Applications, techniques, and challenges as aerial base stations	International Journal of Distributed Sensor Networks
2	Ms. Deepthy G S	Analysis of substrate materials in microstrip antenna for biomedical applications	Materials Today: Proceedings (Scopus (Elsevier)) https://doi.org/10.1016/j.matpr.2023.01.130

Workshop on Advanced Design System (ADS) Software

Department of ECE, RSET in association with Silizium Circuits and Centre of Social Innovation and Incubation, RSET organized a one-day workshop on “**Advanced Design System (ADS) Software - Demonstration and Training.**” for faculty and PG students.

The workshop was organized to discuss the latest enhancements in ADS 2023 and its capabilities for RFIC, MMIC, and RF Board Design.

Date: 23rd January 2023, Monday.

Venue: Centre of Social Innovation and Incubation, 7th floor, Extended KE Block, RSET

Time: 10: AM to 1:00 PM

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WORKSHOP ON RASPBERRY PI

Electronauts, an association of the Department of ECE in association with RSET NDLI organized a 3-day workshop on Raspberry Pi for RSET students. The resource person for the event was Mr. Adon Joy of S5 ECE Alpha.

Registration Link: <http://bit.ly/3wbSkAt>

Date: 17th to 19th January 2023

Time: 4:30 to 6:30 pm

Venue: Signal Processing Lab

Student Coordinators: Alvin P Moyalan, Aeshal Kalarikal (S5 ECE Alpha)

Faculty Coordinators: Dr. Jobin K Antony, Ms. Shyama Sreekumar

