

Newsletter Mar 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

Basic Life Support & First Aid for Common Emergency

S.O.U.L. (Skills Onto Uplifting Lives), the community service cell of DEC, RSET in association with Electronauts, DEC conducted a session on “Basic Life Support & First Aid For Common Emergency” for final year students on 08th March 2023.

Venue: Multimedia Hall

Date: 08-03-2023

Time: 09:35am-10:40am

Indo- German Summer School 2023 Academic/Cultural Exchange Program March 6-10,2023

The program is envisaged to develop the cultural and academic interaction between Rajagiri School of Engineering & Technology (RSET), Kochi, India, and Frankfurt University of Applied Sciences, Frankfurt, Germany. The program is organized by the Department of Electronics & Communication, RSET with technical support from C-DAC, Thiruvananthapuram. Ten students from Frankfurt University and ten students from RSET will be attending the workshop on “Embedded Product Development using VEGA processors”.



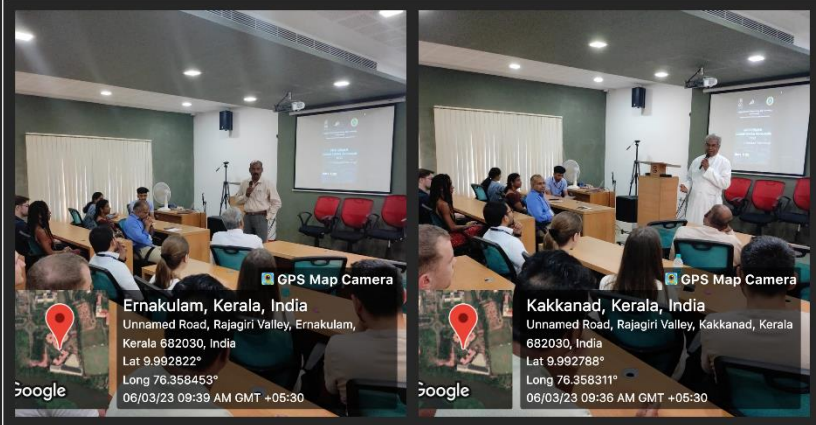
INDO GERMAN SUMMER SCHOOL 2023
Dept of Electronics & Communication Engineering
RSET Kochi

Inauguration Schedule

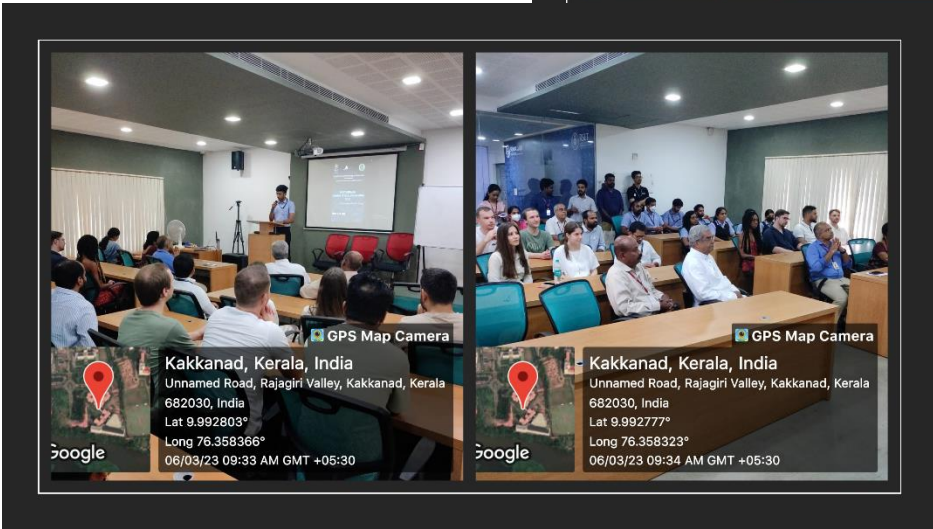
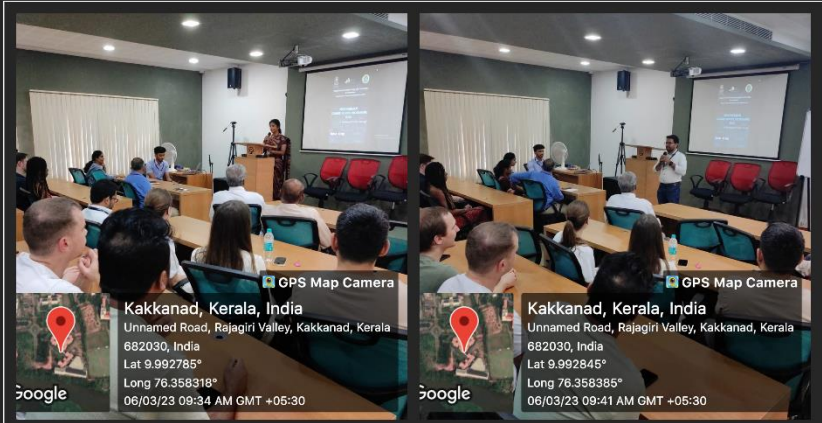
Date : **March 6th 2023**
Venue : SUNYA Seminar Hall

- 09:30 am : Welcome Address: Dr. Rithu James, HoD, ECE, RSET
- 09:35 am : Inauguration: Rev. (Dr.) Jose Kuriyadath CMI Director, RSET
- 09:40 am : Felicitation : Prof. (Dr.) P.S Sreejith, Principal, RSET
- 09:45 am : Felicitation : Rev. (Dr.) Joel George Pullolil CMI , Assistant Director, RSET
- 09:50 am : Felicitation: Rev. (Dr.) Jaison Paul Mulerikkal CMI, Vice Principal, RSET
- 09:55 am : Felicitation: Mr. Libin T T, Scientist F, C-DAC, Trivandrum
- 09:58 am :Vote of Thanks: Dr. Jobin K Antony, Professor, DEC, RSET

Newsletter Mar 2023



Indo- German Summer School 2023 Academic/Cultural Exchange Program



CONGRATULATIONS

Ms. Arya Jyothish, Mr. Aromal M.S, Mr. Ashish V Issac and Ms. Bhavana Krishnakumar of S8 ECE Alpha has secured consolation cash prize in the 13th TMA (Thrissur Management association) Hykon All-India Business Plan Contest.



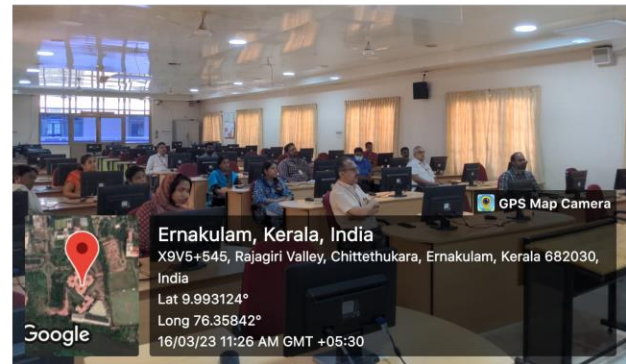
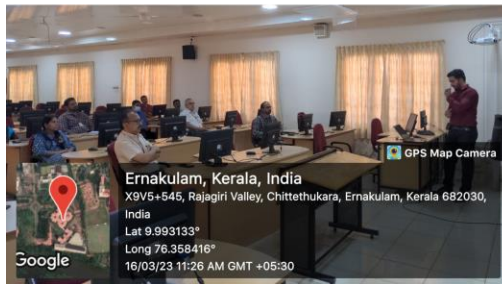
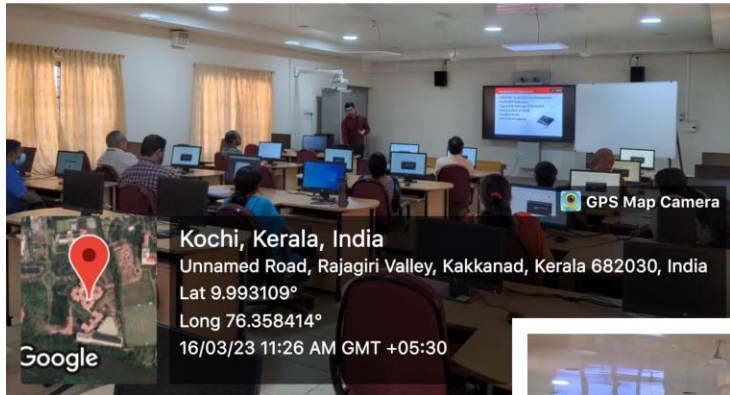
Starcom Information Technology Limited - DSP Kit Demo - TMS320C6748 LCDK/OMAP L138

Demo on Digital Signal Processor TMS320C6748 Starter Kit (Audio / Video / Image Processing) by Starcom Information Technology Limited, Bengaluru in association with Signal Processing Group.

A scalable platform that breaks down development barriers for applications that require embedded analytics and real time signal processing, including biometric analytics, communications and audio.

Venue: Signal Processing Lab-ARC & Time: 9:30 am to 12:00 pm

Newsletter Mar 2023



Starcom Information Technology Limited - DSP Kit Demo - TMS320C6748 LCDK/OMAP L138



Newsletter Mar 2023

KTU SPONSORED FIVE DAY FDP IN “COGNITIVE SCIENCE IN HEALTH CARE”

The Department of Electronics and Communication Engineering, RSET, organized a one week KTU Sponsored FDP on "Cognitive Science in Health Care" from 27th to 31st March 2023.

Coordinators – Dr Rithu James, Ms Harsha A



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY SPONSORED
5 DAY FACULTY DEVELOPMENT PROGRAMME ON
“COGNITIVE SCIENCE IN HEALTH CARE”
27th -31st March, 2023
Organized by
Department of Electronics and Communication Engineering

PROGRAMME SCHEDULE

<p>Day -1 (27-03-2023)</p> <p> Inauguration & Key note Dr. Shyam Diwakar Professor and Director Amrita Mind Brain Center Topic: Computations and Cognition</p> <p>Session - 2</p> <p> Dr. Arun Thachil Professor Medical Trust Institute of Medical Sciences Topic: Cognitive science in Rehabilitation</p>	<p>Day -3 (29-03-2023) Session - 1</p> <p> Dr. Darshan Jayaram Das Senior Consultant – Paediatric Neurology, Rajagiri Hospital Topic: Electrophysiology and its application In Children</p> <p>Session - 2</p> <p> Mr. Jithin Krishnan See Chitra Thirunal Institute of Medical Sciences & Technology Topic: Neuromodulation and Neuro Prosthetics</p> <p>Session - 3</p> <p> Mr. Aravind Ravikumar Director, Gadgeon Smart Systems Private Limited Topic: Biomedical Product Development</p>
<p>Day -2 (28-03-2023) Session - 1</p> <p> Mr. V S Sudheer Director, Raha Yoga Training and Research Centre Topic: Effectiveness of Yoga in Mental Health</p> <p>Session - 2</p> <p> Dr. Jerrin Panachakal Assistant Professor, College of Engineering Triandrum Topic: BCI Systems-Machine Learning</p> <p>Session - 3</p> <p> Ms. Divya K Thomas Clinical Psychologist, Department of Psychiatry, Rajagiri Hospital Topic: Stress and Mental Health</p>	<p>Day -4 (30-03-2023) MATHWORKS Signal processing tools for Cognitive Science MATLAB</p> <p>Day-5 (31-03-2023) Session -1</p> <p> Dr. Minimol B Department of Electronics and Biomedical Engineering, Model Engineering College, Thrissur Topic: Functional Connectivity Analysis of Brain Networks for Cognitive Impairment</p> <p>Session - 2</p> <p> Dr. Deepti Das Krishna Department of Electronics, Cochin University of Science and Technology Topic: EMC in Biomedical Applications</p>

Newsletter Mar 2023

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Newsletter Mar 2023

Industrial Visit S8ECE





Mormugao Port Goa



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Industrial visit to MPA by students of Rajagiri School of Engg & Technology, Kerala and St. Joseph's College of Commerce, Bengaluru on 24.03.23

Students were shown videos on Port development and MPA also arranged visit at Breakwater berth.

Ministry of Ports, Shipping and Waterways
Ministry of Ports, Shipping and Waterways
Shipping and Waterways Indian Ports Association

