Newsletter Feb 2023

RSET
RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY
AUTONOMOUS

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:

Communication

Research Groups

VLSI & Embedded Systems

Signal Processing

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

UPCOMING EVENTS

Organising Committee

Chief Patron: Rev. Dr. Jose Kuriedath CMI

Director, RSET

Patron: Prof. (Dr.) P.S. Sreejith

Principal, RSET

Convenor: Dr. Rithu James,

HoD, Department of ECE, RSET

Programme Coordinators

Dr. Rithu James, HoD, Dept. of ECE, RSET

Ph. No.: +91-9387211328

Email.id: rithu_james@rajagiritech.edu.in

Ms. Harsha A

Assistant Professor, Dept. of ECE, RSET

Ph. No.: +91-9539401372

Email.id: harshaa@rajagiritech.edu.in

RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
Rajagiri Valley, Kochi- 682039, Kerala
Tel: 0484-2660999

https://www.rajagiritech.ac.in

DESIGNED BY RSOFT

ABOUT RSET

Rajagiri School of Engineering & Technology (RSET) - Autonomous, Rajagiri Valley, Kochi, is a premier educational institution offering excellence in engineering education and research. Managed by the Sacred Heart Province of the Carmelites of Mary Immaculate (CMI) congregation, RSET is a part of the Rajagiri Vidyapeetham (seat of knowledge), a dream eternal, being unfolded in time through the relentless CMI quest for excellence in the pursuit of Wisdom. The dream is a wide network of institutions and centers providing quality education from pre-primary to doctoral programmes of specializations and super-specializations and seeking alternatives to the conventional mainstream efforts. As an institution which bears the traditional Rajagiri hallmark of academic brilliance and social commitment, RSET has successfully carved a niche for itself in the sphere of engineering education in the state. RSET has an interdisciplinary research group called Bio Instruments Research Development Society (BIRDS), a forum for professionals in the fields of medicine and engineering to exchange their innovative ideas and its solutions for clinical applications to improve human health

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering at Rajagiri School of Engineering & Technology started in the year 2001 with a B. Tech programme in Electronics & Communication Engineering. The department currently offers a B. Tech. programme in Electronics & Communication Engineering with an intake of 180 students in 3 batches and two M. Tech programmes, viz. VLSI and Embedded Systems, Communication Engineering, with an intake of 18 students per programme. The department is currently approved as a research centre under KTU. As an institution continuously striving for excellence in education, the Department of Electronics and Communication Engineering at Rajagiri School of Engineering & Technology offers the best opportunity for budding professionals to learn and come out with all the skills required to perform well in today's competitive world. Teamed with excellent infrastructure, competitive faculty and active student association, the department endeavors to inculcate in its students not only a good understanding of technical concepts but with a sense of innovation, higher degree of social consciousness and human values.

www.rajagiritech.ac.in/Home/ECE/

RSET RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

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, Rajagiri School of Engineering & Technology

About the Programme

Cognitive science is the study of the human mind and brain, focusing on how the mind represents and manipulates knowledge and how mental representations and processes are realized in the brain. It examines the nature, the tasks, and the functions of cognition. Cognitive scientists study intelligence and behavior, with a focus on how nervous systems represent, process, and transform information. Mental faculties of concern to cognitive scientists include language, perception, memory, attention, reasoning, and emotion; to understand these faculties, cognitive scientists borrow from fields such as linguistics, psychology, artificial intelligence, philosophy, neuroscience, and anthropology.

PROGRAMME CONTENTS

The framework outlined in this FDP gives an overview about the concept of

1. Cognitive data acquisition and analysis.
2. Clinical aspects of cognition, sentimental analysis, study disorders.
3. Data analytics tools, Biomedical product design.
4. Giving insight into the applications of cognitive science in brain machine interface, physiological and psychological illness analysis and treatment.

RESOURCE PERSONS

Sessions will be handled by Doctors, experts from medical field, faculty from premier educational institutes and R&D organizations / industries.

TARGET GROUPS

This FDP is open to all faculty members from engineering colleges affiliated with A P J Abdul Kalam Technological University.

REGISTRATION:

- Registration is free and the number of participants is limited to 30.
- The participants will be selected on a First come First serve basis.
- Last date for registration: 21st March 2023.
- The selected participants will be intimated by e-mail on or before 23rd March 2023.

REGISTER HERE:

https://forms.gle/pevvHi8mNkECYWEy9