Organizing Committee

PATRON

Rev. Fr. (Dr.) Jose Kuriedath CMI

Director, RSET(Autonomous), Kochi

Coordinators

Mr Krishna Kumar K

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Engineering

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About the Institution:

Rajagiri School of Engineering & Technology (RSET) (Autonomous), established in 2001, is a private self-financing college, which had been affiliated to the Mahatma Gandhi University, Kottayam, Kerala from the 2001 to the 2014 admissions, and is affiliated to the A.P.J. Abdul Kalam Technological University, Trivandrum, Kerala from the 2015 admissions onwards. The college is approved by the All India Council for Technical Education, New Delhi. Six UG programmes, i.e. B.Tech. Applied Electronics & Instrumentation Engineering, B.Tech. Computer Science & Engineering, B.Tech. Electrical & Electronics Engineering, B.Tech. Electronics & Communication Engineering, B.Tech. Information Technology and B.Tech Mechanical Engineering, have been granted provisional accreditation by NBA. The institute is accredited by NAAC with "A" grade in the second cycle and it is the first and only private engineering colleges in the state to be ranked by National Institute of Ranking Framework (NIRF).

For more details: www.rajagiritech.ac.in

RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

Rajagiri Valley, Kochi- 682039, Kerala

Tel: 0484-2660999

https://www.rajagiritech.ac.in

RSET
RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

"ONE DAY WORKSHOP ON ROBOTICS"

(ONLINE)

16th August 2021

Jointly Organized by
Department of Applied Electronics & Instrumentation Engineering
&
Department of Mechanical Engineering

"One Day Workshop on Robotics"

About the Programme

This program intends to introduce students to foundational concepts in robotics followed by a session on implementation of robotic systems using Arduino board and servos.

Topics to be covered:

- Journey to the Robotics Regime- Fundamental Basics
- Mathematical Modelling of Simple Robotic Manipulators – Kinematics & Dynamics
- Simulation Study – RoboAnalyzer
- Sensors, Algorithms and Actuation in Robotics
- Introduction to Arduino and Tinkercad (intended to be hands on session)
- Demo on Arduino based Robotic System

Resouce Persons:

1. Dr. Mervin Joe Thomas, Department of ME, Rajagiri School of Engineering and Technology
2. Mr.Krishna Kumar K, Department of AEI, Rajagiri School of Engineering and Technology
3. Mr.Vimal kumar V, Department of AEI, Rajagiri School of Engineering and Technology

Who can attend?

The workshop is meant for students with basic knowledge of +12 level maths and physics.

Registration Details:

No Registration fees

For Registration: https://tinyurl.com/26jf4u2x
or Scan the QR Code

Last Date of Registration: 15th August 2021, 10:00PM

Contact Numbers:

Mr Krishna Kumar K   9400229514
Dr Mervin Joe Thomas 9605014054
Mr Vimal kumar V   9995060571

E-certificate will be provided after the successful completion of the workshop.