Faculty Development Programme on
EMBEDDED SYSTEMS FOR ROBOTICS
(07 – 09 November 2023)

SPONSORED BY
Directorate of Technical Education
Govt. of Kerala

ORGANISED BY
Dept. of Electronics and Communication Engineering
Rajiv Gandhi Institute of Technology
Kottayam
Pampady
Kerala - 686 501
www.rit.ac.in

CO-ORDINATORS
Dr. Michael George  Prof. Salih Sulaiman

Rajiv Gandhi Institute of Technology

Rajiv Gandhi Institute of Technology (RIT), Kottayam is one of the nine Government Engineering Colleges fully owned and run by the Government of Kerala. The Government has started this institution with the view of making it a centre of excellence for under-graduate, post-graduate and research studies in engineering. The Institute currently offers 6 undergraduate and 10 post graduate programmes. The five B.Tech programmes are accredited by NBA. All the five Engg. departments are offering Ph.D programmes. The Civil Engg. and Electrical & Electronics Engg. departments are approved QIP centres.

About the Department

Electronics and Communication Engineering department is housed in an independent spacious three-storied building. The Department offers B.Tech in Robotics and Artificial Intelligence as well as B.Tech in Electronics and Communication Engineering. Advanced Communication and Information Systems and Advanced Electronics and Communication Engineering are the two PG programmes offered by the department. Department is an approved research centre for Ph.D programme. The Department has undertaken sponsored projects from AICTE, KSCSTE, MHRD, AIISH, and KTU CERD. The Department is manned by well qualified faculty with postgraduate and doctoral degrees in diverse domains of Electronics and Communication Engg.

Objectives of the Programme

The 3 Day Faculty Development Program on Embedded Systems for Robotics aims to equip the faculty to be updated with curriculum requirements in forthcoming syllabi related to robotics and embedded systems.

Course Outcomes

The attendees of the Faculty Development Program on Embedded Systems for Robotics will be able to:

1. Use the ARM architecture microcontroller.
2. Implement applications on ARM microcontroller.
3. Deploy Robot Operating System (ROS) ecosystem.
4. Execute applications to control robot motion using ROS.
5. Use mental wellness techniques.

Resource Persons

- Dr. Arun Varghese
  Associate Professor
  Government Engineering College Wayanad.
- Dr. Kavitha Damodharan
  Founder and CEO
  Mind Masters, Chennai.
- Er. Sanjuna Mariam Mathews
  Team Lead, Robotics App Development Accenture, Bangalore.
Important Dates

Start of online registration:
18th October 2023

Deadline of online registration:
30th October 2023

Intimation of selection:
1st November 2023

Course dates:
7th November to 9th November 2023

Eligibility

Faculty members/Technical staff members of Government/Government aided/Self-financing engineering colleges and Polytechnics, who belong to ECE, EEE, EI, ME and CSE disciplines in the Kerala state can apply. Selected participants need at least 80% of attendance to be eligible for the certificate. Participants from self-financing colleges need to pay an amount of Rs 1000/- as registration fees.

Application Procedure

To apply for the FDP, the candidate has to follow the procedure given below:

1. Please fill the online registration form available at the following link:
   https://forms.gle/RRKuWYqBLd5qoxpp6

2. Kindly get a sponsorship certificate recommended by the head of the institution, the template of the certificate is available at the following link:
   https://rb.gy/1nsho

3. Please send the scanned copy of the sponsorship certificate by email (before 30th October 2023) to the following address:
michaelgeorge@rit.ac.in

4. Kindly bring the original sponsorship certificate at the time of the event.

Contact

- Dr. Michael George
  email: michaelgeorge@rit.ac.in
  Mobile: 9447539225

- Prof. Salih Sulaiman
  email: salihsulaiman@rit.ac.in
  Mobile: 7902772949

Sponsorship Certificate

Certify that Sri/Smt ..............................................

is a regular faculty of this institution and he/she

is hereby sponsored for the 3-day training pro-

gramme on Embedded Systems for Robotics dur-

ing 7th to 9th November 2023 at Rajiv Gandhi

Institute of Technology Kottayam.

Sri/Smt ............................................. is permit-

ted to attend the course during the period from

7th to 9th November 2023.

Place:
Date:
Signature of Head of Institution:

Registration Form

Faculty Development Program on
“Embedded Systems for Robotics”
7th to 9th November 2023 at Rajiv Gandhi
Institute of Technology Kottayam

1. Name:
2. Age/Date of Birth:
3. Gender: Male/Female
4. Qualification:
5. Designation:
6. Department/Organization:
7. Specialisation:
8. Address for communication:
9. Phone:
10. Email:
11. Accommodation required: Yes/No
12. Food preference: Veg/Non-Veg

Declaration by the applicant The above men-

tioned information is true to the best of my knowl-

dge and belief. I agree to abide by the rules and

regulations governing the course. I also under-

take the responsibility to inform the coordinator,
in case I am unable to attend the course.

Place:
Date:
Signature of applicant: