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Department of Robotics and Automation

Report on "Career Guidance program"- 2024

NAMEOFTHEDEPARTMENT: Department of Robotics and Automation

1. Type Event : Career Guidance program on

"Introduction to PI Controller"

2. Venue : Arya Bhatta Seminar Hall and MCA Lab

3. Date of the programme: Friday 13th September 2024

4. Time : 10.45 am to 11.45 am

5. Resource Person : Prof.Deeraj C, Assistant Professor

Department of MCA

Rajarajeswari College of Engineering

6. Staff Co Coordinator : Dr. M. Karthikeyan,

Professor and Head

Department of Robotics and Automation

Rajarajeswari College of Engineering

7. Students attended : 2ndYear, 3rd Semester students of R&A

8. Outcome of the Programme:

Students learnt about

- **Compact and Affordable**: The Raspberry Pi is a small, cost-effective computer, perfect for learning coding, electronics, and DIY projects.
- **GPIO Pins for Interfacing**: It comes with GPIO pins, enabling users to connect and control external hardware like sensors, motors, and displays.
- **Linux-Based OS**: It typically runs on Raspberry Pi OS, a Linux-based operating system, providing a platform to learn programming and Linux commands.
- **Supports Multiple Programming Languages**: The Raspberry Pi supports languages such as Python, C++, and Java, making it versatile for a range of applications.
- **Popular in IoT and Robotics**: Due to its flexibility and low power consumption, the Raspberry Pi is widely used in Internet of Things (IoT) projects and robotics.

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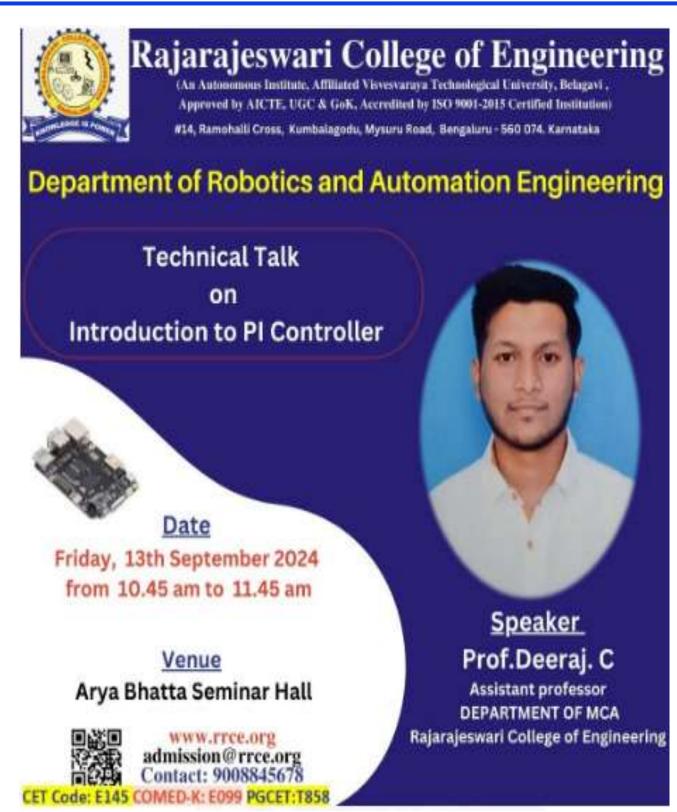


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Invitation Poster

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Dr.M.Karthikeyan, HOD R&A introduce the speaker Mr.Deeraj C to the students

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Students are learn the hardware details of PI Controller



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Mr.Deeraj C brief the hardware details of PI Controller to the students



Group photo of students with the speaker Mr.Deeraj C
- Report prepared by Dr.M.Karthikeyan, HOD-R&A
Mrs. Chetana B R, Instructor of R&A

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