



# Rajarajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi,  
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)  
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



## Department of Robotics and Automation

Report on “Career Guidance program”- 2024

NAME OF THE DEPARTMENT: 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 13<sup>th</sup> 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 : 2<sup>nd</sup> Year, 3<sup>rd</sup> 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.

**Campus:** #14, Ramohalli Cross, Kumbalগodu, Mysore Road, Bengaluru – 560074

Phone: +91-80-28437124 / 28437375

Email Id: hodra@rrce.org

Website: <https://www.rrce.org>



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#14, Ramohalli Cross, Kumbalagodu, Mysuru Road, Bengaluru - 560 074, Karnataka

## Department of Robotics and Automation Engineering

### Technical Talk on Introduction to PI Controller



#### Date

Friday, 13th September 2024  
from 10.45 am to 11.45 am

#### Venue

Arya Bhatta Seminar Hall



[www.rcee.org](http://www.rcee.org)  
[admission@rcee.org](mailto:admission@rcee.org)  
Contact: 9008845678

CET Code: E145 COMED-K: E099 PGCET:T858



#### Speaker

**Prof. Deeraj. C**

Assistant professor  
DEPARTMENT OF MCA

Rajarajeswari College of Engineering

### Invitation Poster

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## Department of Robotics and Automation



**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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## Department of Robotics and Automation



**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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