



RAJARAJESWARI COLLEGE OF ENGINEERING

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NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

1. Type of Event: **Technical Talk**
2. Title of Topic: **Industrial Robotics**
3. Resource Person: **Mr. Nandha Gopal G, Assisatnt Manager,
Difacto robotics and automation pvt ltd, Bangalore**
4. Event Duration: **28th Aug 2019**
5. Venue: **Edusat Hall. RRCE.**
6. Semester: **3rd, 5th, 7th Semester**
7. Organizer: **Dr. Ramesh C . Prof & Head, Mechanical Engineering**
8. Faculty coordinator: **Suresh D. Assistant Prof, Mechanical Engineering**

Outcome of the program:

Students gained the knowledge and able to understand the following:

1. He has briefed about the Field of Industrial Robots,
2. Discuss different robot configurations, motions, drive systems and its performance parameters.
3. Describe the basic concepts of control systems, feedback components, actuators and power Transmission systems used in robots.
4. Explain the working of transducers, sensors and machine vision systems.
5. Discuss the future capabilities of sensors, mobility systems and Artificial Intelligence in the field of robotics.
9. Separately attach photos: