

Report on Expert Lecture

Organized by

Department of Electronics & Telecommunication

1. **Program type:** Expert Lecture on Mechatronics- An Integrated approach

2. **Date & Time:** 27th July 2019 10:15 am to 11:15 am

3. **Venue:** A-302

4. **No. of students registered/appeared:** 52

5. **Target students:** TE (E & TC)

6. **Fee Details:** Free

7. **Instructor details:** Mr. Yashodhan Mandke
Lead R & D Niruha System Pvt. Ltd.

8. **Objectives :**

- To present basic study of fundamentals of Mechatronics (combination of Pneumatics, Mechanical, Electrical and Electronics).
- To give an idea of automation in manufacturing units.
- To demonstrate automated system and detailed study of all components involved including hardware and software.

9. **Outcomes:**

- Be able to model and analyze electrical and mechanical systems and their interconnection.
- Be able to do the complete design, building, interfacing and actuation of a mechatronics system for a set of specifications.
- Students will explore design of different mechatronics systems.

Photo gallery:



Image 1: Mr. Yashodhan Mandke Sir Explaining the Concepts regarding Mechatronics



Image 2: Mr. Yashodhan Mandke Interaction with students



Image 3: Mr. Yashodhan Mandke Solving Queries regarding Mechatronics- An Integrated Approach