

MECHATRONICS LAB



Objectives of the Laboratory:

- To synergies the combination of mechanical, electronics, control engineering and computer.
- Providing a focussed laboratory environment to the engineering students to apply and absorb Mechatronics concepts.
- To provide a common ground where students could perform experimental study regarding fundamental sequence control by utilising various sensors and actuators.
- The laboratory is designed to assist the students in the development of “hands-on” skills with an emphasis on hardware architecture and multidisciplinary systems.
- To introduce basic concepts in electrical measurements.
- To introduce the principles of signal conditioning and displaying

Major Equipments in the Laboratory:

- Kits for experimentation
- Cathode Ray Oscilloscopes
- Function Generators
- Dual Channel Power Supplies
- Bread boards & other consumable items
- Ammeter
- Wattmeter
- Voltmeter
- Multimeter
- Electro-Pneumatic Trainer Kits
- PLC Trainer Kits

Name of officials handling the Laboratory:

- Shobi George(JLT)
- Ajit Kumar(JLT)