

MECHATRONICS LABORATORY

Laboratory In-charge : M. Ranjith kumar

Technical supporting staff : A. Benitto



Mechatronics Laboratory

Area of the Laboratory: $9.14\text{m} \times 11.89\text{m} = 108.67 \text{ Sq.m}$

Major Equipment:

- Air compressor
- Fluid power circuit(pneumatic)
- DC motor with PID control
- Single and double acting cylinder with logic gates.

Major Experiments:

- Single acting cylinder using DCV
- Double acting cylinder using DCV
- Design and testing of fluid power circuit.
- Speed control of DC motor.

Utilization of the laboratory:

- Mechatronics laboratory for final year students.