

Automotive Engineering Laboratory

LABORATORY INFORMATION

Lab Name: Mechatronics Laboratory

Room No.: 09- Colleges of Engineering and Technology

Capacity: 15 students

The focus of the automotive lab is used to let students learn about engine construction, engine systems, gas and diesel engines different between them, transmission and steering systems where the trainees could improve their experience and technical knowledge concerning various related equipment. The lab current capabilities permit a variety of technical courses for engineers working in cars industry

MAJOR EQUIPMENT

- SULZAR diesel engine with auxiliary systems (1 unit)
- FIAT diesel engine with switch board (2 units)
- DEUTZ diesel engine for maintenance training (2 units).

LABORATORY SERVES THE FOLLOWING COURSES

Course No.	Course title	Semester
ME 321	Internal combustion engines (1)	4 th
ME 481	Automotive Technology	8 th
ME 482	Automotive Engines	8 th
ME 483	Alternative Fuels & Power Systems	8 th
ME 581	Automotive Fuel & Ignition Systems	9 th
ME 582	Automotive Chassis Systems	9 th
ME 583	Vehicle Control & safety Systems	9 th
ME 584	Automotive Electric & Electronics Systems	9 th
ME 588	Automotive Maintenance and Repair	10 th