

Laboratories

Combustion technology

- Premixed/partially-premixed/non-premixed burners
- Porous burners
- Measuring facilities (temperature/emissions analyzer)



Laboratories

Nano-composite research

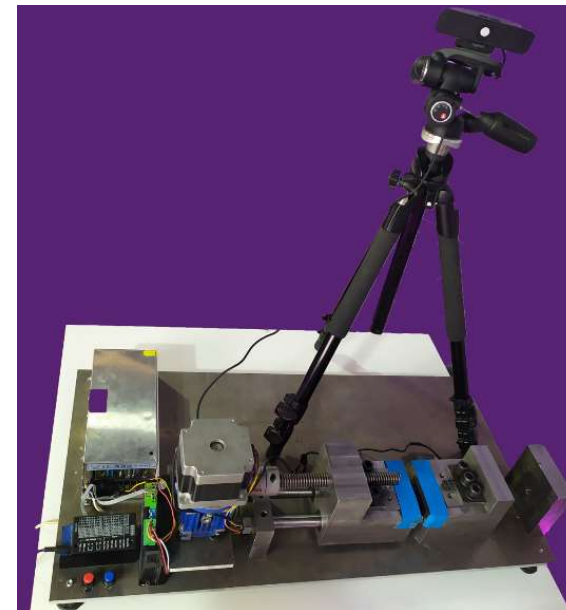
- Tensile testing derives
- Fatigue testing
- Hardness testing



Laboratories

Nano-composite research

- Strain gauge
- Digital imaging strain test
- Resin Curing Oven
- Resin Vacuum oven
- Thermal treatment cycle



Laboratories

Heat transfer research

- Radiation test equipment
- Boiling test facilities
- Various types of heat exchanger



Laboratories

Fluid flow

- Pumps
- Hydraulic nets
- Dam prototype
- Cavitation



Laboratories

Thermodynamics

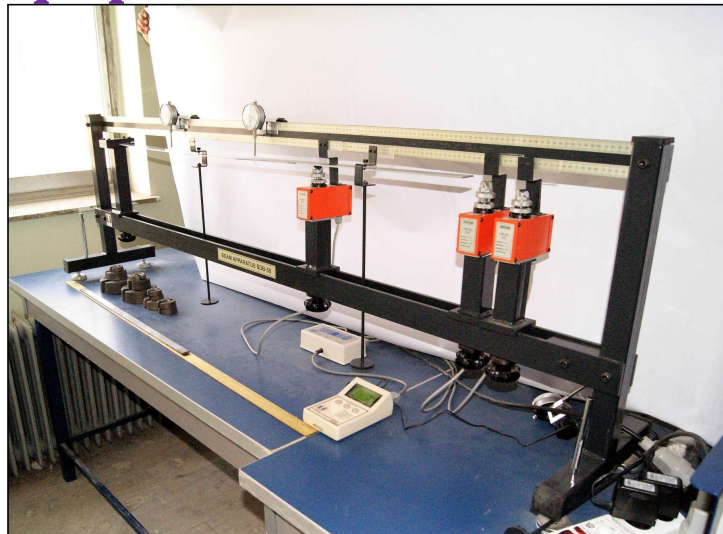
- Absorbing/compressive Refrigeration cycles
- Air conditioning tests
- Bryton engine
- Marset Boiler



Laboratories

Strength of materials

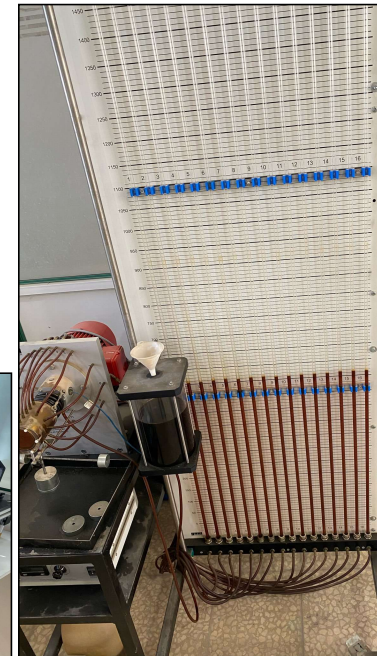
- Beam test
- Linear strain equipment
- Torsion test
- Buckling test



Laboratories

Dynamics and Vibrations

- Journal bearing TM280
- Gyroscope unit
- Resonators and dampers
- Automobile suspension system
- Balancing gears



Workshops

Machine Tools

- Universal milling machine
- Vertical/horizontal machining center



Workshops

Welding Sheet Metal Workshop

- TIG welding
- Stud welding
- Water cooling
plasma cutting
- Rectifier & Inverter

