



## DYNAMICS LABORATORY

- ▶ Triple Kaplan Water Turbine
- ▶ Double Beam Oscilloscope.
- ▶ Dynamic Balancing Machine.
- ▶ Electro dynamic Vibration Generator.
- ▶ Oscillo-Power Amplifier.
- ▶ Indicator Model.
- ▶ F.F.T. Analyzer.
- ▶ Field Balancing Machine.
- ▶ Vibration meter.
- ▶ Experimental setup for Determination of Mass Moment of Inertia of a connecting rod by
  - (a) Compound Pendulum Method.
  - (b) Bifilar Suspension Method.
  - (c) Trifilar Suspension Method.
- ▶ Experimental setup for Kinematic analysis of
  - (a) Four Bar Mechanism.
  - (b) Slider Crank Mechanism.
  - (c) Quick Return Motion Mechanism.
  - (d) Cam & Reciprocating Follower Mechanism.
- ▶ Experimental setup for Gear Generation.
- ▶ Experimental setup for Balancing of Four - Rotor System.
- ▶ Experimental setup for Tuned Damped Torsional Vibration.
- ▶ Experimental setup for Damped Torsional Vibration.
- ▶ Experimental setup for Transverse Vibration of Fixed -Free, Fixed-Hinged, Fixed-Fixed Beam.
- ▶ Experimental setup for Torsional Vibration of a Fixed -Free Rotor System.
- ▶ Experimental setup for Tuned, Undamped Dynamic Torsional Vibration Absorber.
- ▶ Experimental setup for Variable Port opening Dashpot.
- ▶ Experimental setup for Torsional Vibrations of Semi-Definite System.