

DYNAMICS LABORATORY
DEPARTMENT OF MECHANICAL DEPARTMENT
INTERCOM: 417, ROOM NO.4202

SECTION	EQUIPMENTS/INSTRUMENTS
VIBRATION	Fly wheel and Axle system.
	Turn Table apparatus.
	Bifilar suspension and
	Trifilar Suspension
	Compound pendulum.
	Motorised gyroscope.
	Governor apparatus - Watt, Porter, Proell and Hartnell governors.
	Cam follower setup.
	Epicyclic Gear Train Arrangement for Torsion Equation Verification
	Balancing of Rotating Masses setup
	Dynamic balancing machine.
	Vibration table comprising Spring mass vibration testing and Forced Vibration testing.
	Torsional Vibration system.
	Damped Torsional Vibration system
	Whirling of shaft apparatus.
	Transverse vibration setup with provision for verifying Dunkerley's Principle.
	Accelerometer, Impulse hammer, Data Acquisition card and Vibration analysis Software
	All Gear Models
	Kinematics of linkages such as Four bar mechanism, Slider crank mechanism etc.,