

KINEMATICS & DYNAMICS OF MACHINERY LAB

FACULTY IN-CHARGE : MR. SACHIN S. MESTRY

SEATING CAPACITY : 25 STUDENTS

EXPERIMENTAL SET-UPS :

KINEMATICS OF MACHINERY

SR. NO.	DESCRIPTION OF EQUIPMENTS
01	Oscillating Cylinder mechanism
02	Whitworth Quick Return Mechanism
03	Crank Slotted Lever Arm
04	Oldham's Coupling
05	Universal Coupling
06	Chain Drive
07	Kinematics Pairs
08	Kinematics of Gears
09	Reciprocating Follower
10	Tangent Cam with Roller Oscillator Follower
11	Cylindrical Cam with translating Follower
12	Translating Eccentric Cam
13	End cam with translating follower
14	Triangular Eccentric cam
15	Apparatus for generating Involute Profile

DYNAMICS OF MACHINERY

SR. NO.	DESCRIPTION OF EQUIPMENTS
01	Motorized Gyroscope
02	Universal Governor Apparatus
03	Centrifugal Clutch
04	Conical Friction Clutch
05	Band Brake
06	Internal Expanding Brake
07	Single plate Clutch
08	Whirling of Shaft Apparatus
09	Vibration lab Equipments
10	Static and Dynamic Balancing Apparatus