

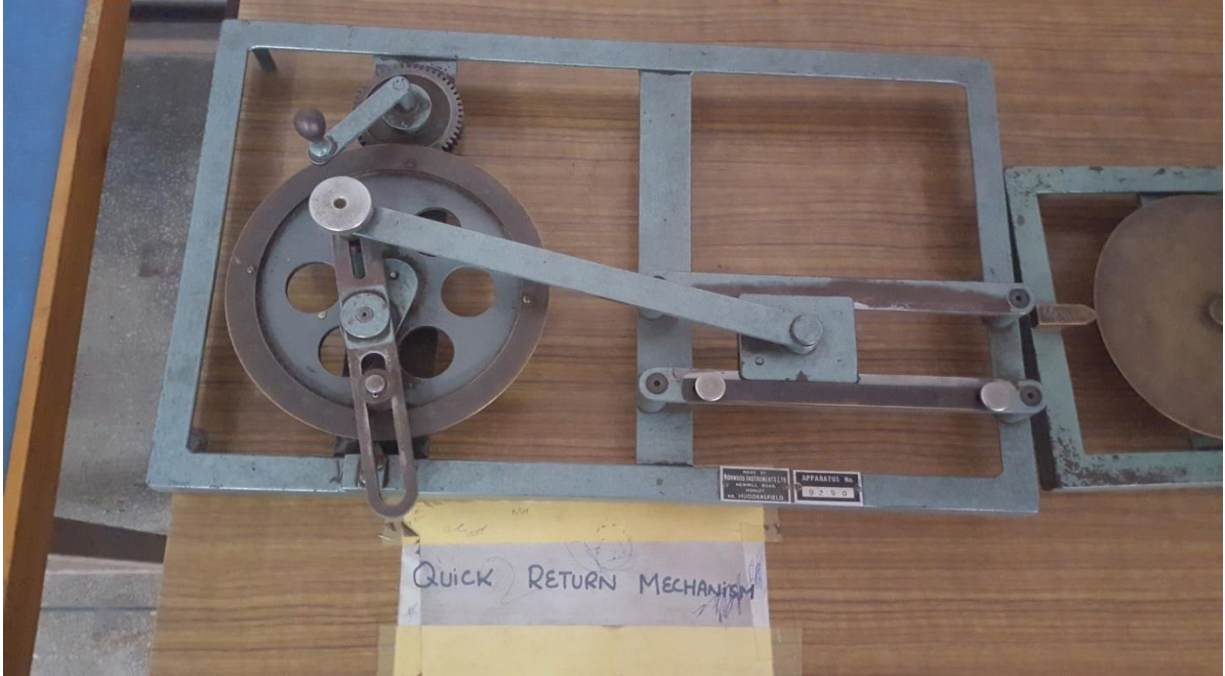
ENGINEERING DYNAMICS

List of Experiments

1. To determine the moment of inertia of a flywheel
2. To determine the radius of gyration of a disc rolling on an inclined plane
3. To draw the displacement, velocity and acceleration diagrams of slider crank mechanism
4. To draw the displacement, velocity and acceleration diagrams of Scotch Yoke mechanism
5. To draw the displacement, velocity and acceleration diagrams of Quick return mechanism
6. To determine the moment of Inertia of Rotor Armature Assembly (Bifilar Suspension Method)



Slider Crank Mechanism



Quick Return Mechanism



Oscillating Cylinder Mechanism, Scotch Link-Scotch Yoke



Slider Crank Chain, Cam and Tappet, Whitworth's Quick Return Motion



Scotch Yoke Mechanism