

## Dynamics of Machine Lab

The laboratory has all the facilities for determining radius of gyration of pendulum, mass moment of inertia of circular disc, damping coefficient, gyroscopic effect of disc etc. .

Some of the important instruments are :

- 1) Universal vibrating apparatus
- 2) Static and dynamic balancing apparatus.
- 3) Motorised gyroscope.
- 4) Universal Governor Apparatus.
- 5) Cam analysis apparatus
- 6) Whirling of shaft demonstrator.



**Fig 1: Universal vibrating apparatus**



**Figure 2: Motorised gyroscope**



**Figure 3: Universal Governor Apparatus**



**Figure 4 : Whirling of shaft demonstrator.**