

DYNAMICS LABORATORY



Laboratory : Dynamics Laboratory
Laboratory In-charge : Mr.A.Manikandan
Technical supporting staff : Mr.G.Ravi
Area of the laboratory : 127.4 Sq.M

Major Equipments:

- Motorized gyroscope
- Dynamics balancing machine
- Universal governor apparatus
- Balancing of rotating masses
- Torsional vibration of single & double rotor system
- Undamped/damped vibration of equivalent spring mass system
- Longitudinal vibration of helical spring
- Reciprocating balancing machine

Major Experiments:

- Motorized gyroscope
- Cam analysis machine
- Universal Governor apparatus
- Turn table
- Vibration table
- Torsional vibration of single & double rotor system
- Undamped/damped vibration of equivalent spring mass system
- Longitudinal vibration of helical spring
- Compound pendulum
- Cantilever beam setup