

DYNAMICS - LABORATORY

- In dynamics lab we will do experiments, designs, and hands-on homework that are intended to help students develop an intuition or feel for dynamics.
- Furthermore, we take the study of simple motions one step further by introducing the fundamental concepts of vibrations and control in this introductory course.
- Vibration analysis is critical to aerospace vehicle design, and as engineers we are not content to understand the motion of vehicles, but rather we often seek to modify it to suit mission requirements.
- This course will give you a flavor of these advanced topics, laying the groundwork for more advanced studies to be carried out in higher education.
- Dynamics lab helps to study the behaviors of various machines, equipments and structures in real system due to the kinematic and dynamic forces acting on a body.
- The experiments help students to understand and engineer real-time mechanical engineering problems like mass balancing, machine vibration and noise, speed control etc.,



