

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Name of the Lab:**      **Kinematics and Dynamics Laboratory**

**Virtual Lab Link:**

Sl. No.	NAME OF THE EQUIPMENT	Hyper Link
1.	Cam follower setup.	<a href="https://youtu.be/HsXWewecMLE">https://youtu.be/HsXWewecMLE</a> <a href="https://youtu.be/QSiBX3u_fQw">https://youtu.be/QSiBX3u_fQw</a> <a href="https://youtu.be/kudHJF7eTKQ">https://youtu.be/kudHJF7eTKQ</a>
2.	Motorised gyroscope.	<a href="https://youtu.be/PkpPsMPIaE">https://youtu.be/PkpPsMPIaE</a>
3.	Governor apparatus- Watt, Porter, Proell and Hartnell governors.	<a href="https://youtu.be/GXS2UOdW_Ds">https://youtu.be/GXS2UOdW_Ds</a> <a href="https://youtu.be/exQt6FGYOvc">https://youtu.be/exQt6FGYOvc</a> <a href="https://youtu.be/MJj86d2A7ms">https://youtu.be/MJj86d2A7ms</a> <a href="https://youtu.be/zNzpOwWzxXw">https://youtu.be/zNzpOwWzxXw</a>
4	Whirling of shaft apparatus.	<a href="https://youtu.be/YOQMmos85co">https://youtu.be/YOQMmos85co</a>
5	Dynamic balancing machine.	<a href="https://youtu.be/ZSvrbMCx6Lo">https://youtu.be/ZSvrbMCx6Lo</a>
6	Two rotor vibration setup.	<a href="https://youtu.be/FdVAyF0uF3U">https://youtu.be/FdVAyF0uF3U</a>
7	Spring mass vibration system.	<a href="https://youtu.be/FJBPNJR2QJU">https://youtu.be/FJBPNJR2QJU</a>
8	Torsional Vibration of single rotor system setup.	<a href="https://youtu.be/v2AQ3aQ6ZZQ">https://youtu.be/v2AQ3aQ6ZZQ</a>
9	Gear Models	<a href="https://youtu.be/uz436Ixb1-I">https://youtu.be/uz436Ixb1-I</a> <a href="https://youtu.be/tjNsUzxRjfw">https://youtu.be/tjNsUzxRjfw</a>
10	Kinematic Models to study various mechanisms.	<a href="https://youtu.be/38qMWJ8vhkE">https://youtu.be/38qMWJ8vhkE</a> <a href="https://youtu.be/jsmpQsb2Vlc">https://youtu.be/jsmpQsb2Vlc</a> <a href="https://youtu.be/0gijVqwrf3E">https://youtu.be/0gijVqwrf3E</a> <a href="https://youtu.be/SOgoejxzF8c">https://youtu.be/SOgoejxzF8c</a>
11	Transverse vibration setup	<a href="https://youtu.be/w_GL2Eb4J1w">https://youtu.be/w_GL2Eb4J1w</a>

A.J. COLLEGE  
Estd - 2001