

MVT Lab

5th	1	To calculate the time period of a simple pendulum.	https://www.youtube.com/watch?v=9VJxrdgjhk
	2	To determine natural frequency and time period of undamped free vibration.	https://www.youtube.com/watch?v=F65wT5705HM
	3	To find mass moment of inertia of a connecting rod from its vibration as a compound pendulum.	http://va-coep.vlabs.ac.in/MIoFConnectingRod/Simulator.html?domain=Mechanical%20Engineering&lab=Vibration%20and%20Acoustics
	4	To calculate the mass moment inertia of a trifilar suspension system.	http://va-coep.vlabs.ac.in/TrifilarSuspension/Aim.html?domain=Mechanical%20Engineering&lab=Welcome%20to%20Vibration%20and%20Acoustics!
	5	To calculate the mass moment inertia and radius of gyration of a Bi-filar suspension.	https://www.youtube.com/watch?v=pIVyvk7MOKA
	6	To determine the surface roughness of a specimen using surface roughness tester.	https://www.youtube.com/watch?v=ooRo9NDV6kg
	7	To study the impact test on cantilever modal analysis.	http://va-coep.vlabs.ac.in/ImpactTestCantilever/Aim.html?domain=Mechanical%20Engineering&lab=Welcome%20to%20Vibration%20and%20Acoustics!
	8	To study the forced response of SDOF.	http://va-coep.vlabs.ac.in/HarmonicExcitationSDOF/Aim.html?domain=Mechanical%20Engineering&lab=Welcome%20to%20Vibration%20and%20Acoustics!