



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



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DEPARTMENT OF MECHANICAL ENGINEERING

BRANCH : MECHATRONICS

17MECC92-DYNAMICS LAB (UG)

LIST OF EXPERIMENTS

1. Perform an experiment on Watt and Porter Governor and to find the Stability and sensitivity
2. Determine the controlling force and speed of a Proell Governor
3. Determine the position of sleeve against controlling force and speed of a Hartnell Governor and to plot the characteristic curve of radius of rotation
4. Analyse the motion of gyroscope couple using Motorized Gyroscope
5. Determination of critical speed of whirling shaft
6. Determination of Natural frequency of single degree freedom system in a spring mass system
7. Determination of Radius of Gyration using Compound pendulum
8. Determine the Moment of Inertia by Tri-filar and Bifilar suspension.

(Prof. L.PRABHU)

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