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
Approved by AICTE

DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE LAB: ENGINE TESTING LAB
LAB CODE : 17MECC85

Sl.No	Name of the Experiment	YouTube video link
1	Determination of Viscosity of the given specimen oil by using Red Wood Viscometer.	https://youtu.be/E7vwIylEPLA
2	Determination of Flash Point and Fire Point of the given fuel sample.	https://youtu.be/OBCE6-PPD5Q
3	Actual valve timing diagram of a four stroke engine and comparison with theoretical valve timing diagram	https://youtu.be/s61LkjJx56g
4	Actual port timing diagram of a two stroke engine and comparison with theoretical port timing diagram.	https://youtu.be/CfpJaVBHmnA
5	Performance test on a four stroke single/ twin cylinder diesel engine.	https://youtu.be/ksSrSMs65I8
6	Determination of frictional power of a four cylinder petrol engine by conducting a Morse test.	https://youtu.be/KRvusmgrV80
7	Conduct a retardation test and determine frictional power in a diesel engine.	https://youtu.be/GdQDyn_sH6c
8	Performance test on variable compression ratio engine with biofuel.	https://youtu.be/KsR27v7v_WM