



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

17MECC85- ENGINE TESTING LAB (UG)

LIST OF EXPERIMENTS

1. Determination of Viscosity of the given specimen oil by using Red Wood Viscometer.
2. Determination of Flash Point and Fire Point of the given fuel sample.
3. Actual valve timing diagram of a four stroke engine and comparison with theoretical valve timing diagram.
4. Actual port timing diagram of a two stroke engine and comparison with theoretical port timing diagram.
5. Performance test on a four stroke single/ twin cylinder diesel engine.
6. Determination of frictional power of a four cylinder petrol engine by conducting a Morse test.
7. Conduct a retardation test and determine frictional power in a diesel engine.
8. Performance test on variable compression ratio engine with biofuel.

HOD/Mech