

VINAYAKA MISSION'S RESEARCH FOUNDATION
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF EXPERIMENTS

➤ Performance Test on VCR engine using alternate fuels in different loads
➤ Performance Test on VCR engine using alternate fuels in different compression ratio
➤ Performance Test on VCR engine using alternate fuels in EGR
➤ Performance Test on VCR engine using alternate fuels in Turbo Charger
➤ Performance Test on VCR engine using alternate fuels in different Nozzle hole
➤ Measurement of HC, CO , CO ₂ , O ₂ using exhaust gas analyzer.
➤ Performance Test on VCR engine using HCCI Mode
➤ Diesel Engine Smoke Measurement.
➤ Study of NDIR gas Analyzer and FID.
➤ Study of Chemiluminescent NO _x Analyzer
➤ Esterification of bio fuel testing method



HOD