



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: AUTOMOBILE ENGINEERING LAB

LAB CODE: 17MECC87

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Sl.No	Name of the Experiment	YouTube video link
1.	Dismantling & Assembling of 6 Cylinder Petrol Engine	https://youtu.be/7fxQDH2vRJI
2.	Dismantling & Assembling of 4 Cylinder Petrol Engine	https://www.youtube.com/watch?v=ZQvfHyfgBtA
3.	Dismantling & Assembling of 3 Cylinder Diesel Engine	https://youtu.be/nhLh1fXYZOg
4.	Dismantling & Assembling of Gear Box – Sliding Mesh, Constant Mesh & Synchronesh Gear Box, Transfer Case	https://www.youtube.com/watch?v=2owOjD1oico https://www.youtube.com/watch?v=zDyyxSJ8YK4
5.	Study of Ignition System Components – Coil, Magneto And Electronic Ignition Systems.	https://youtu.be/oHGMkZCnTq0 https://youtu.be/0PGP1SZb_4Q
6.	Dismantling & Assembling of Steering System, Braking System	https://www.youtube.com/watch?v=t8zszvNO0ow
7.	Study of Oil Filter, Fuel Filter, Fuel Injection System, Carburetor, MPFI	https://youtu.be/nUO16Lmwwlc
8.	Study of Engine Cooling System Components, Study of Engine Lubrication System Components	https://youtu.be/bDk3Po2oJrk
9.	Ovality And Taper Measurement of Cylinder Bore And Comparison With Standard Specifications	https://youtu.be/8TU-UiLMJi4
10.	Clutch 2 Types – Coil Spring & Diaphragm Spring Clutches	https://www.youtube.com/watch?v=QcWELyTbdP4