



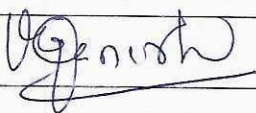

Department of Automobile Engineering		LP: AE22412
B.E/B.Tech/M.E/M.Tech : Automobile Engineering		Rev. No: 00
PG Specialisation : Not Applicable		Date: 24/01/2024
Sub. Code / Sub. Name : AE22412 / Vehicle Maintenance Laboratory		
Regulation: 2022		

Session No*	List of Experiments
CYCLE - I	
1	a) Inspection and replacement of engine oil and transmission oil. b) Inspect and replacing of coolant, air filter and oil filter.
2	Inspection and servicing of sliding controlled and vacuum controlled carburetor
3	Cleaning and servicing of two wheeler braking and clutch system.
4	Inspection and adjustment of inlet and exhaust valve clearance.
5	Study of DVOM with simple measurements.
CYCLE - II	
6	Decarburizing the piston and checking the engine compression (Cylinder pressure).
7	Inspection and adjustment of chain drive used in final drive
8	Diagnosing of various electrical circuits like headlight, horn, trafficators, tail lamp and brake light, etc
9	Diagnosing of various components of fuel injection system and obtain the waveform of various sensors.
10	Diagnosing of various sensors using on board diagnostics tool.
Content beyond syllabus (if any):	

* Session Duration: 150 minutes



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	Prepared by	Approved by
Signature		
Name	GANESH V	Dr. J. VENKATESAN
Designation	ASSOCIATE PROFESSOR	PROFESSOR & HOD
Date	24/01/2024	24/01/2024
Remarks* :		
Remarks* :		

* If the same lab plan is followed in the subsequent semester/year it should be mentioned and signed by the Faculty and the HOD