

1154AU302 ENGINE COMPONENTS LABORATORY

L T P C
0 0 2 1

1. Preamble

The main objective of this course is to understand the Understand the complete operation of 2 stroke and 4 stroke I.C engines and its subcomponents.

2. Prerequisite

NIL

3. Links to other courses

NIL

4. Course Educational Objectives

Students undergoing this course are expected to

- Understand internal combustion engine parts and their functionality.
- To teach the procedure involved to dismantle and assemble various engine components

5. Course Outcomes

Upon the successful completion of the course, learners will be able to

CO Nos.	Course Outcomes	Level of learning domain (Based on revised Bloom's)
C01	Distinguish the various types of engine	K3,S3
C02	Develop skills in dismantling & assembling of running system	K3,S3

6. Correlation of COs with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	L	H			H		H			L		
CO2	L	H			H		H			L		

H- Strong; M-Medium; L-Low

7. List of Experiments

Dismantling, Assembling, study & drawing (dimensions)

1. Multi-cylinder Petrol Engine
2. Multi-cylinder Diesel Engine
3. Petrol Engine Fuel System
4. Diesel Engine Fuel System
5. Cooling System
6. Lubrication system