



DEPARTMENT OF AUTOMOBILE ENGINEERING

VISION

“To develop technically skilled engineers with value-based education in automotive industry to face upcoming chances”.

MISSION

- *Understanding the need for regional automotive industries.*
- *Provide hands on skills for life long professional development.*
- *To create responsible students with sense of ethics & discipline.*

Subject Name: Thermodynamic system and their applications. (22441)

Date :-

Assignment No :- 1

Course Outcome: 404.1

Topic Name :- Heat Power Engineering

1. Draw P-V diagram of Otto Cycle.
2. List the Different types of thermodynamic system.
3. Compare the efficiency of Otto cycle & Diesel cycle for the same maximum pressure with neat sketch.
4. Write the law of thermodynamics.
5. Differentiate between open and close system.
6. Draw P-V and T-S diagram of Otto cycle and write its equation for the thermal efficiency with its significance.
7. Describe the CARNOT cycle.

Date of Submission :-

Assign By :- Mrs.Priyanka Gurav.



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