

**DEPARTMENT: MECHANICAL SEMESTER: 2** 

SUBJECT NAME: BASIC MECHANICAL ENGINEERING

SUBJECT CODE: 3110006

FACULTY NAME: PROF. JIGNESH PATEL

## **ASSIGNMENT 9**

- 1. Give the classification of air compressor.
- 2. Derive an equation for the efficiency of air compressor for with and without work-done.
- 3. Why multi stage compression is required? give advantages of multistaging compression.
- 4. Explain rotary compressor and axial compressor.



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