

DEPARTMENT: MECHANICAL SEMESTER: 3
SUBJECT NAME: Engineering Thermodynamics

SUBJECT CODE: 3131905

FACULTY NAME: PROF. KEVAL SUTHAR

Assignment: 5 COMBUSTION

- 1. What do you mean by stoichiometric equation?
- 2. Discuss methods for finding the volumetric analysis of flue gases.
- 3. Define Adiabatic Flame Temperature.
- 4 What do you mean by calorific value of fuel: lower and higher calorific value of fuel?
- 5. Describe the construction and working principle of the Junker's gas calorimeter.
- 6. Describe the construction and working principle of Bomb Calorimeter.

