

## B.E. Semester -VII

**Internal Combustion Engines**  
**( Professional Elective V ) (3171923)**

**ASSIGNMENT – 02 - Fuels used in I. C. Engine (CO-X)**

***Theory***

SR.	Question	Blooms Taxonomy level	Maximum marks
1.	Define the following: a) Octane number b) Cetane number c) HUCR d) Performance number e) Volatility f) Thermal cracking.	R	06
2.	List the ideal characteristic for SI and CI engine fuels with its significance for being better fuel.	U	07
3.	Discuss LPG and CNG as fuels for I. C. Engine.	U	07

**Vision:**

To deliver quality engineering education for Mechanical Engineers with Professional competency, Human values and Acceptability in the society.

**Mission**

- To nurture engineers with basic and advance mechanical engineering concepts
- To impart Techno-Managerial skill in students to meet global engineering challenges
- To create ethical engineers who can contribute for sustainable development of society