

**Department of ME**

**B.Tech - IV-Year – Open Elective**

**CO**    **Subject Name -CO Statements**

**Basic Mechanical Engineering**

**CO#**    # Student will be able to

**CO1**    Understand the basic concepts of thermodynamics and heat transfer system in basic mechanical engineering.

**CO2**    Understand the principles of IC- engines and explore air conditioning systems in mining environment.

**CO3**    Understand the power transmission system in gears and concept of hydraulic and pneumatic power transmission and their applications.

**CO4**    Understand the basic mechanisms, concepts and kinematics of machines.

**CO5**    Understand the principles of vibratory machines and its applications.

**CO6**    Gain the knowledge of the basics of mechanical engineering.