

**DEPARTMENT OF ENVIRONMENTAL SCIENCES & ENGINEERING
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY,
HISAR**

Programme Educational Objectives (PEOs)

1. To prepare PG Students with strong foundation by providing quality education in the field of Environmental Sc. & Engineering for making them to compete at national and international level.
2. To impart the knowledge of basic principles and novel techniques with respect to various aspects of Environmental Science and Engineering
3. To develop human resource with high ethical & moral values, leadership qualities and having elevated efficiency to meet the growing demands of industries/ (HEI) Higher Educational Institutes/ R &D, consulting firms etc.

Programme Outcomes

1. To have knowledge of interdisciplinary sciences for understanding and solving the problems related to environment.
2. Ability to explore, formulate and analyze challenges and problems in the field of Environmental Science and Engineering.
3. Ability to design/simulate a pollution abatement system, model to meet desired needs within realistic constraints.
4. Ability to design and conduct experiments with novel ideas, and to analyze and interpret data.
5. Ability to use the techniques, skills, and modern engineering tools necessary for Environmental Science and Engineering practice.
6. Ability to perform EIA and study of impact of engineering solutions on environment.
7. Knowledge and understanding of principles of research and problem formulation in relation to Environmental Science and Engineering.
8. An ability to work as a team with ethics and sensitiveness towards social issues.