



GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

Dahegaon, Kalmeshwar Road, Nagpur-441 501

DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES



Programme Specific Outcomes:

- PSO 1:** Develop the ability to understand, demonstrate, identify, analyze and apply the skills and knowledge gained from foundational courses of humanities, sciences and engineering, and relate these fundamentals with core subjects in the relevant field.
- PSO 2:** Understanding basic skills and principles of engineering by developing and engaging them in life-long learning with effective skills inculcating quality of reasoning, logic, analysis and communication.
- PSO 3:** Cultivate the ability to work in teams and learn by participating in Technical Events and Social Welfare Programs and develop the attitude for working productively as an individual and in cross- disciplinary teams to become better citizens in multicultural world.
- PSO 4:** Facilitate students to acquire a fair knowledge in discrete mathematics, real analysis and solve problems efficiently and trained in an effective manner to attend the competitive exams in order to brighten their future.
- PSO 5:** Provide a systemic understanding of core physical concepts, principles and theories along with their applications and develop proficiency in the analysis of physical problems and the use of mathematical techniques to solve them.
- PSO 6:** To understand theoretical chemistry by its practical applications in which traditional and modern apparatus are used with diversity of the subject in the different fields.
- PSO 7:** Apply reasoning informed by the knowledge to assess societal, health, safety, legal and the consequent responsibilities relevant to the professional engineering and practice create, select, and apply appropriate techniques, resources for basic civil engineering
- PSO 8:** Apply the knowledge gained during the course of Basic electrical engineering to identify, formulate and solve real life problems faced in industries and the ability to apply techniques to electrical and renewable energy systems.
- PSO 9:** Prepare engineering graphics manually with given geometrical dimensions using drawing standards by proper scale and use differing drawing tools/instruments with visualization and draw the shape of simple object from orthographic view to vice versa.

**Principal
GNIET, Nagpur**