



GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

Dahegaon, Kalmeshwar Road, Nagpur-441 501

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Departmental PO's

Programme Outcomes:

PO1: An ability to apply knowledge of computing, mathematical foundations, algorithmic principles, and computer science and engineering theory in the modelling and design of computer-based systems to real-world problems (fundamental engineering analysis skills).

PO2: An ability to design and conduct experiments, as well as to analyze and interpret data (information retrieval skills).

PO3: An ability to function effectively on multi-disciplinary teams(teamwork).

PO4: An understanding of professional, ethical, legal, security and social issues and responsibilities(professional integrity).

PO5: A knowledge of contemporary issues(social awareness).

PO6: An ability to use current techniques, skills, and tools necessary for computing and engineering practice(practical engineering analysis skills).

PO7: An ability to apply design and development principles in the construction of software and hardware systems of varying complexity(software hardware interface).

PO8: An ability to recognize the importance of professional development by pursuing postgraduate studies or face competitive examinations that offer challenging and rewarding careers in computing (successful career and immediate employment).

PO9: An ability to Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO10: An ability to Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modelling to computer science related complex engineering activities with an understanding of the limitations

PO11: An ability to apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice

PO12: An ability to understand the impact of the CSE professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development Ethics: Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice

**Principal
GNIET, Nagpur**