



GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY
Dahegaon, Kalmeshwar Road, Nagpur-441 501
PG DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
MTECH(CSE)



Program: PG-MTech in Computer Science and Engineering

PROGRAM OUTCOMES:

PO1: Scholarship of Knowledge - Acquire in-depth knowledge of Computer Science and Engineering to discriminate, evaluate, analyze and synthesize existing and new knowledge and to integrate the same for enhancement of knowledge with a global perspective.

PO2: Critical Thinking - Analyze complex problems critically related to Computer Science and Engineering domain, apply independent judgment for synthesizing information to make intellectual and/or creative advances with a research perspective.

PO3: Problem Solving - Conceptualize and solve Computer Science and Engineering problems effectively and arrive at feasible optimal solution, individually and in teams, to accomplish a common goal considering public health and safety, cultural, societal and environmental factors.

PO4: Research Skill - Extract and analyze information through literature survey for solving problems by applying research methodologies, techniques, tools and design, conduct experiments, analyze and interpret data, demonstrate higher order skills and view things in a broader perspective, contribute individually/in group(s) to the development of scientific/technological knowledge in Computer Science and Engineering domain.

PO5: Collaborative and Multidisciplinary work - Possess knowledge and understanding of group dynamics, recognize opportunities and contribute positively to collaborative-multidisciplinary scientific research, demonstrate a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis in order to achieve common goals and further the learning of themselves as well as others.

PO6: Project Management and Finance - Demonstrate knowledge and understanding of Computer Science and Engineering, management principles and apply the same to one's own work, as a member and leader in a team, manage projects efficiently in respective disciplines and multidisciplinary environments after consideration of economic and financial factors.

PO7: Communication- Communicate with Computer Science and Engineering community, and with society at large, regarding complex engineering activities confidently and effectively, such as, being able to comprehend, make effective presentations and to write effective reports by adhering to appropriate standards.

PO8: Life-long Learning - Recognize the need for, and have the preparation and ability to engage in life-long learning independently, with a high level of enthusiasm and commitment to improve knowledge and competence continuously.

PO9: Ethical Practices and Social Responsibility - Acquire professional and intellectual integrity, professional code of conduct, ethics of research and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.



**Principal
GNIET, Nagpur**