

OUR PLEDGE

Vision

To be a world-class centre of education and research in Civil Engineering.

Mission

To spearhead excellence in academic and technology development through creativity.

Motto

“Always Ahead”

- To produce quality graduates through the implementation of an integrated curriculum that meets market requirements.
- To enhance and provide professional service in Civil Engineering.
- To expand the strategic partnerships between the university and the industry.
- To enhance research output and the quality of writing.
- To enhance the planned continuing educational system.
- To enhance the skills and professional human capital development.
- To embrace the effective team-work culture in a conducive environment.



PROGRAMME OBJECTIVES

Programme Educational Objectives (PEOs) for UnderGraduates

PEO 1: Graduates are competent, innovative and entrepreneurial in acquiring and applying knowledge towards solving Civil Engineering problems.

PEO 2: Graduates possess leadership qualities, able to work, manage in diverse teams and serve the society in multi-disciplinary environment.

PEO 3: Graduates demonstrate professionalism and uphold ethical values with emphasis on sustainable environment

PEO 4: Graduates are able to communicate effectively, possess strong self-confidence and recognize the need for life-long learning.

Programme Educational Objectives (PEOs) for PostGraduates

PEO 1: Mastery of competencies and integration of knowledge required in the profession.

PEO 2: An appreciation of the value of lifelong learning and possessing enthusiasm and strong commitment to continued acquisition of new knowledge and skills.

PEO 3: Advanced leadership and team working skills that allow engineers and professionals to become visionary and inspirational leaders in engineering.

PEO 4: Highly developed oral and written communications skills that fit at all level, appropriate to the field of engineering.

PEO 5: An understanding of moral and ethical challenges that arise in the engineering profession, management and governance.

PROGRAMME LEARNING OUTCOMES

Programme Learning Outcomes (POs) for UnderGraduates

PO 1: Ability to apply knowledge of science, mathematics, civil, engineering principles and other relevant field of studies to solve complex engineering problems.

PO 2: Ability to analyse and use appropriate techniques, resources and modern tools to solve complex engineering problems and activities.

PO 3: Ability to design solutions for complex problems and design components, systems, or processes that comply specific requirement with appropriate consideration of other requirements.

PO 4: Ability to resolve complex problems based on investigation or research using integration of knowledge and the consequent responsibilities relevant to professional practice.

PO 5: Ability to communicate effectively and with confidence including complex engineering activities.

PO 6: Ability to engineering, management and finance principles in managing project.

PO 7: Ability to function effectively as a individual or in a team to achieve common goals in diverse teams and in multi-disciplinary settings.

PO 8: Ability to perpetually seek and acquire contemporary technological changes.

PO 9: Ability to demonstrate entrepreneurial skills, lead and manage a team effectively in multi disciplinary environment with self-assurance.

PO 10: Ability to understand the impact of engineering decisions and apply professional ethics for sustainable development.



Programme Learning Outcomes (POs) for PostGraduates

PO 1: Advanced Knowledge

Ability to generate and integrate advance knowledge in specific field in civil engineering.

PO 2: Critical Thinking and Scientific Research

Ability to formulate hypothesis, design and perform experiments/research scientifically to solve and explain observed phenomena.

PO 3: Communication Skill Ability

Ability to evaluate situations and react responsibly to discussion and communication among peers and others.

PO4: Professional Ethic and Moral

Ability to integrate professional ethics in life, organisation, society, and individual to fulfill the needs of mankind in both spiritual and material aspects.

PO5: Lifelong Learning

Ability to organize and adapt contemporary knowledge independently and manage info effectively.

PO6: Management & Entrepreneurship

Ability to explain managerial concepts and identify business opportunities and initiate action to achieve it.

PO7: Teamwork and Leadership

Develop cooperative working relationship within the group, and wider professional communities.

Possess self-esteem, confidence, positive thinking, ability to lead and be proactive, role model for professional and social behavior.

