

UET Peshawar, Bannu Campus Vision, Mission, Core values, Program Educational Objectives and Program Learning Objectives

VISION

“To Be Among the Top Ranking Universities of the World through Education, Research and Innovation”

MISSION

“To produce highly qualified, well-rounded professionals through education who play a leading role in the society by powering and driving knowledge-based economy and offer research services and innovation for sustainable development”.

CORE VALUE

- Integrity
- Teamwork
- Quality
- Sustainability
- Tolerance
- Gender equality
- Social responsibility
- Ethic
- Collaboration
- Transparency
- Professionalism

PROGRAM VISION

“Endeavoring innovative quality engineering education, fundamental and applied research and add highly skilled graduates to academia, government, industry and society”

PROGRAM MISSION

“To produce graduates of excellent technical, professional and scientific background in engineering for the benefits of the global society, we prepare our graduates to work with the profession, industry and community to help in boosting national economy and professional well-being.”

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Engineering Practice: Graduates will play an effective role with quality assurance while practicing civil engineering and will become experts at national and international level.

PEO2: Professional Growth: Graduates will enhance and improve their skills through professional growth and development activities.

PEO3: Societal Service: Graduates will serve the society and engineering profession with ethics considering social, environmental, national, and global concerns.

PROGRAM LEARNING OUTCOMES

The Engineering graduates from UET Peshawar, Bannu Campus will be able to demonstrate the following learning outcomes for their professional career, at the completion of their degrees.

PLO1-Engineering Knowledge: The graduates will be able to apply, knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems in the field of Engineering.

PLO2-Problem Analysis: They will be able to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences relating to Engineering.

PLO3-Design/Development of Solutions: They will be able to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations with reference to Construction industry and Engineering.

PLO4-Investigation: They will be able to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.

PLO5-Modern Tool Usage: They will be able to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.

PLO6-The Engineer and Society: They will be able to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems in the Engineering fields.

PLO7-Environment & Sustainability: They will be able to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development, with special reference to achieving the Sustainable Development Goals.

PLO8-Ethics: They will be able to apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice, with special reference to the Pakistan Engineering Code of Engineering Practice.

PLO9-Individual and Team Work: At the completion of their degrees, they will be able to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings in the related fields of Engineering.

PLO10-Communication: They will be able to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PLO11-Project Management: They will be able to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment relating to Construction and Engineering.

PLO12-Lifelong Learning: ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.