

**Program Educational Objectives (PEO),  
Program Outcomes (PO)  
&  
Program Specific Outcomes (PEO)**

## **PROGRAM EDUCATIONAL OBJECTIVES, PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES**

### **Program Educational Objectives (PEOs):**

Program educational objectives are broad statements that describe the career and professional accomplishments that the program is preparing graduates to achieve.

### **Program Outcomes (POs):**

Program outcomes describe what students are expected to know and would be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program.

### **Program Specific Outcomes (PSOs):**

Program Specific Outcomes are statements that describe what the graduates of a specific engineering program should be able to do.

## **STATEMENTS OF PEOs, POs AND PSOs**

### **PROGRAM EDUCATIONAL OBJECTIVES (PEOs):**

**PEO 1:** Graduates will exhibit competencies in professional engagements and higher education by applying knowledge of architecture and allied fields.

**PEO 2:** Graduates, guided by the principles of sustainable development and global interconnectedness, will understand how architectural projects affect society and environment.

**PEO 3:** Graduates will exhibit adaptability, flexibility, communication skills, team spirit, ethical conduct, and leadership qualities.

**PEO 4:** Graduates will engage in continuous life-long learning, career enhancement, pursuing higher education with critical thinking and interdisciplinary approach with changing global and local needs.

### **PROGRAM OUTCOMES (POs):**

**PO1. Architectural Knowledge:** Apply the knowledge of design fundamentals, building sciences & technologies, humanities and environmental sciences in design, planning and construction.

**PO2. Problem Analysis:** Identify, formulate, conduct research literature and analyze various scales of architectural projects contextually to arrive at substantiated conclusions.

**PO3. Design/ Development of solutions:** Design integrated solutions to incorporate interdisciplinary approach for multidimensional, contextual, societal issues pertaining to built environment.

**PO4. Conduct investigations of complex problems:** Use research based knowledge and methods including context analysis, case studies, project requirements and synthesis of information to provide context specific solutions.

**PO5. Modern tool usage:** Identify, select and apply the appropriate tools to access, predict, design and simulate qualitative and quantitative outcomes within limitations.

**PO6. The Architect and Society:** Apply reasoning to address socio-cultural and legislative aspects relevant to the professional practice and social responsibility.

**PO7. Environment and Sustainability:** Understand the importance of the architectural solutions in societal and environmental contexts to demonstrate the need for sustainable development.

**PO8. Ethics:** Apply ethical principles and commit to professional ethics, responsibilities and norms of professional practice.

**PO9. Individual and teamwork:** Function effectively as an individual as well as a member or a leader in diverse interdisciplinary settings.

**PO10. Communication:** Comprehend and communicate effectively through documentation, graphical and verbal presentations of issues related to architecture, community and society at large.

**PO11. Project management and Finance:** Demonstrate knowledge and understanding of professional and management principles to apply to one's own work, as a member and a leader, to manage projects in multidisciplinary environments.

**PO12. Life-Long learning:** Recognize the need for, have the preparation and ability to engage in independent and lifelong learning in the broader sense of professional practice, domain of societal and technological change.

## **PROGRAMME SPECIFIC OBJECTIVES FOR B.ARCH COURSE**

**PSO 1** To enhance the capability of the students' to design components of the built environment by applying relevant building bye-laws and regulations.

**PSO 2** To orient students for being committed to professional ethics, responsibilities, and economic, environmental, societal, and political norms.

**PSO 3** To continually upgrade the students' understanding so as to become adept in modern architectural knowledge, tools and techniques in order to apply them relevantly