Program Objectives (PO's)
M.Arch in Environmental Architecture

At the end of the Post Graduate Course M.Arch in **Environmental Architecture**, the post graduates are trained professionals who have developed sensitivity and inclination to aspire architectural endeavors in an environmental friendly way. Furthermore, they are trained to be equipped with pedagogical knowledge. The programme outcomes upon the successful completion at M.Arch level is aimed to equip the post graduates with following outcomes as:

PO1. Environmental Architecture knowledge: Apply the knowledge of design, environmental science, ecological fundamentals, and a specialize approach to a sustainable solution of complex Architectural challenges.

PO2. Problem analysis: Identify, formulate, research literature, and analyze complex environmental and architectural problems/challenges, this enabling strategies and various processes using most appropriate, sensible principles of design, natural sciences, and construction technology.

PO3. Design/development of solutions: Design solutions for complex Architectural problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: 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.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Architecture and IT tools including prediction and modeling to complex Architectural activities with an understanding of the limitations.

PO6. The Architect and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Architectural practice.

PO7. Environment and sustainability: Understand the impact of the professional Architectural solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

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

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex Architectural activities with the 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.

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

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.