

Appendix 6: Relationship between the program learning outcomes (PLO) and the program educational objectives (PEO)

Program learning outcomes of the Architecture program	PEO1. Professional Competence: Graduates are expected to possess strong disciplinary knowledge and comprehensive professional competence in architecture, enabling them to practise effectively in multidisciplinary, multicultural, and internationally integrated environments	PEO2. Lifelong Learning, Research and Innovation: Graduates are expected to demonstrate lifelong learning, a research mindset, and the ability to apply advanced technologies in architectural design and solving practical architectural problems.	PEO3. Critical thinking, Ethics and Sustainable Development: Graduates are expected to demonstrate critical thinking, broad perspectives, collaboration, and professional ethics in contributing to the solution of architectural challenges for communities, the nation, and the global society, towards sustainable, aesthetic, and human-centred development.
PLO1. Analyse architectural design context Analyse architectural design problems by integrating technical, technological, environmental, and socio-cultural knowledge within specific contexts to identify design requirements and influencing factors.	X	X	X
PLO2. Evaluate and select design options Evaluate and select appropriate	X	X	X

design options from multiple feasible alternatives to make sound, creative decisions that meet design requirements.			
PLO3: Designing architecture to professional standards: Design architectural works that meet aesthetic, functional, technical, legal, and socio-cultural requirements within a given context in order to produce design documents that comply with professional standards.	X		X
PLO4. Creative and sustainable design Develop creative and sustainable architectural design solutions that respond to environmental, social, and innovation challenges in order to create value-added designs with practical application potential.	X	X	X
PLO5: Science-based architectural research Conduct independent architectural research using critical thinking and lifelong learning that is based on clearly defined contexts and data in order to propose solutions grounded in scientific evidence and practical needs.		X	X
PLO6: Application of architectural design technology Apply architectural design software, digital technologies,	X	X	

and artificial intelligence (AI) in modelling, analysis, and presentation in order to enhance technical performance, design quality, and creativity.			
PLO7: Communication and design presentation Communicate and present architectural design ideas to clients, communities, and multidisciplinary teams in order to achieve clear, persuasive, and professional communication.	X		X