

Task 2

- Map the given POs against the MQA ALDs
- Can more than one PO address one MQA ALDs?

Note: All MQA ALDs must be addressed by at least one of the POs.

#	Program Outcomes	Academic Learning Outcomes (ALOs)							
		1	2	3	4	5	6	7	8
1	Ability to acquire and apply basic knowledge of science, mathematics and engineering.								
2	Ability to communicate effectively, not only with engineers but also with the public								
3	Ability to identify, formulate and solve engineering problems								
4	Ability to use a system approach to design and evaluate operational performance.								
5	Ability to act effectively as an individual and in a group with leadership, managerial and entrepreneurial capabilities.								
6	Understanding of the social, cultural, global and environmental responsibilities and ethics of a professional engineer, and the need for sustainable development								
7	Acquiring the need to undertake lifelong learning and the capacity to do so.								
8	Ability to design and conduct experiments, as well as to analyse and interpret data								
9	Ability to function in multidisciplinary teams								
10	Having technical competency and ability to apply to specific civil engineering discipline								
11	Having the knowledge of contemporary issues								
MQA Academic Learning Outcome									
1. Knowledge in Specific Area – Content									
2. Practical Skills									
3. Social Responsibility									
4. Values, Ethics and Professionalism - Integrity/Ethics									
5. Communication, Leadership and Group Working Skills									
6. Problem Solving and Scientific Skills									
7. Information Management and Life Long Learning									
8. Management and Entrepreneurship									