

The Faculty's vision and mission are as follows:

**Vision** To establish Faculty of Engineering, Science & Technology (FEST) as a premier infrastructure engineering, science and technology faculty of outstanding academic, innovation and research excellence.

**Mission** Deliver the highest quality of engineering, science and technology education that promotes excellence and innovation, ethical practices, responsibility towards society, and encourages entrepreneurship spirit in order to produce professionals with global competitiveness to meet the needs of the society and environment.

Thus, the Faculty is obliged to fulfil the university's vision and mission in its effort to provide a better education to our students.

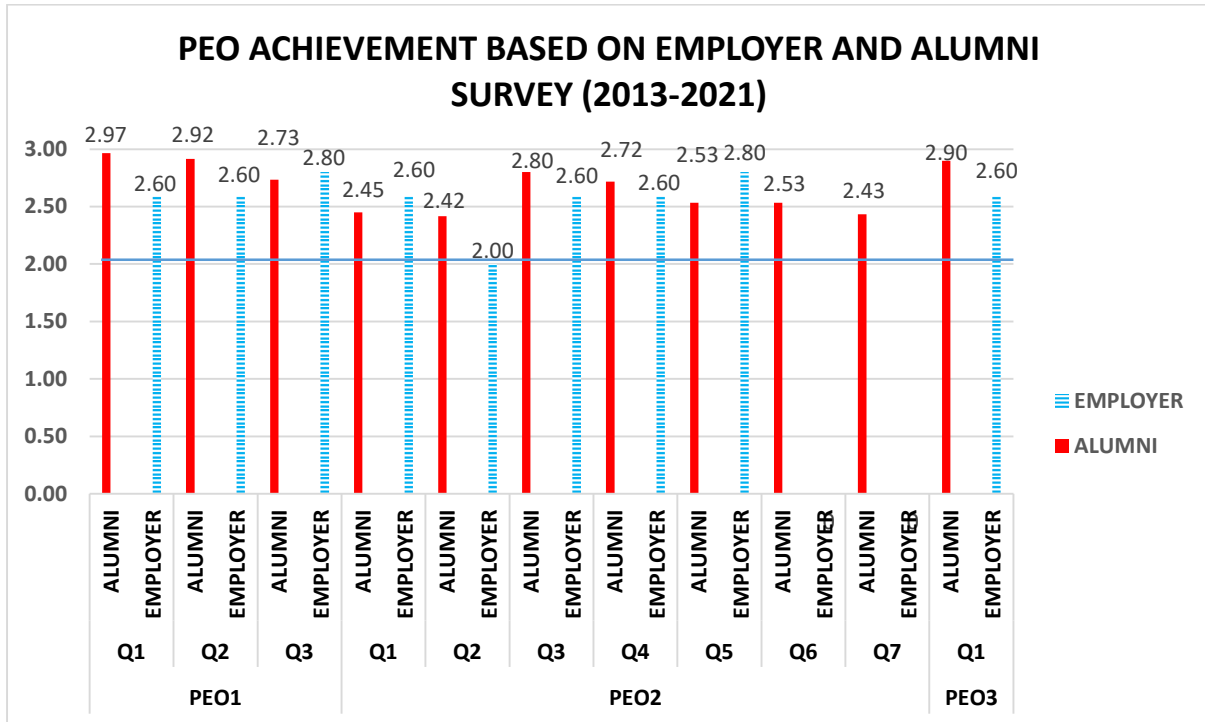
Programme Educational Objectives (PEOs) are broad statements that describe the career and professional accomplishments that the Bachelor of Civil Engineering with Honours programme is preparing the graduates to achieve. The formulation of PEO is consistent with the mission and vision of IUKL and is intended to satisfy the needs of the stakeholders.

Our PEO are designed based on the expected abilities of graduates of BCE programme four (4) to five (5) years after graduation. All the PEOs are listed below:

**Table A: Performance Indicator to PEO**

PEO	Performance Indicator
PEO 1: To produce graduates with sufficient knowledge and competency in various areas in civil engineering;	<p>Graduates have adequate knowledge to perform any related tasks and possess necessary interpersonal, communication, and technical skills, which enable them to perform satisfactorily at the workplace.</p> <p>The survey shows at scale 4 and 5 ratings (80% and above) that the graduates perform satisfactorily with the knowledge and competence in various civil engineering areas at the workplace.</p>
PEO 2: To produce graduates with professional attributes, and are readily adaptable to the global work environment;	<p>Graduates are expected to be involved with professional attributes and are readily adaptable to the global work environment.</p> <p>The survey shows at scale 4 and 5 ratings (50% and above) that the graduates are involved with professional attributes including work activities, ethical &amp; standard practices, health, safety and the protection of the environment at the workplace.</p>
PEO 3: To produce graduates for work in the development of infrastructure.	<p>Graduates are expected to work in niche areas of infrastructure development projects (i.e. earthwork, drainage, water supply, bridges, etc.).</p> <p>The survey shows at scale 4 and 5 ratings (90%) that the graduates are expected to work in niche areas of infrastructure development projects (i.e. earthwork, drainage, water supply, bridges, etc.)</p>

*\*\*survey was conducted in 2021 for Alumni IUKL (Bachelor of Civil Engineering (Hons)) who graduated in 2013-2021.*



Notes: 0-1 = Disagree, 1-2 = Neutral, 2-3 = Agree

Figure A: PEO Achievement based on Alumni Survey and Employer Survey (2013-2021)

Table B: PEO Achievement Extracted from Figure A

No	PEO Attributes	Key Indicator (perception)	Achievement
1	PEO 1: To produce graduates with sufficient knowledge and competency in various areas in civil engineering	66.7% of graduates have adequate knowledge to perform any related tasks and possess necessary interpersonal, communication, and technical skills, which enable them to perform satisfactorily at the workplace.	92.3%
2	PEO 2: To produce graduates with professional attributes, and are readily adaptable to the global work environment	66.7% of graduates are expected to be involved with professional attributes and are readily adaptable to the global work environment.	84.4%
3	PEO 3: To produce graduates for work in the development of infrastructure.	66.7% of graduates are expected to work in niche areas of infrastructure development projects (i.e. earthwork, drainage, water supply, bridges, etc.).	91.7%

\*66.7% is 2/3 from the graduates' respondent.