

Faculty of Engineering

Program Learning Outcomes

Doctor of Philosophy (PhD) in Engineering

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Program Learning Outcomes (PLOs): "What a student is expected to know, understand, and/or be able to demonstrate after completing a process of learning"		Characteristics
PLO1	Apply deep and comprehensive knowledge of engineering, science, and mathematics for solving various dimensions of problems in their relevant fields or professional areas.	Knowledge
PLO2	Apply advanced research techniques to emerging development for solving problems by integrating disciplinary knowledge in innovative ways.	Skills
PLO3	Communicate the results of the original research significantly using a range of media, to the peers and community.	Communication Skills
		Information Communication Technology Skills
PLO4	Analyze complex problems using advanced numerical and computational techniques, leading to the generation of new knowledge and significant developments in their field of specialization.	Numeracy Skills
PLO5	Perform lifelong learning and personal development in shaping future directions within the related field.	Lifelong learning skills
PLO6	Comply with ethics and professionalism, for research advancement in the field and their impact to society.	Ethical Awareness