DOCTOR OF PHILOSOPHY COMPUTER SCIENCE

Programme Educational Objectives (PEO)

This programme is aimed to produce computer science experts who have a skill and knowledge to apply and research the state-of-the-art computer science techniques, methods and tools. These skills are important to support a research and development towards the development of a novel computer science solution(s), either for local use or export that can generate national income.

After having exposed to a number of years working experience, our graduates should become professionals who demonstrate the following competencies:

Code	Intended Educational Objectives
PEO1	Mastery of knowledge and competency in advanced areas of Computing and Digital Technology.
PEO2	Professionalism and high standards of ethical conducts within organization and society.
PEO3	Responsive to changing situations by continuously acquiring new knowledge and skills.

Programme Learning Outcomes (PLO)

After having completed the programme, graduates should be able to demonstrate the following competencies:

Code	Intended Learning Outcomes
PLO1	Attain new frontiers of knowledge to solve critical issues of a field in Computing and Digital Technology.
PLO2	Critically solve and manage complex problems using systematic approaches.
PLO3	Mastery of technical and scientific skills to solve problems in a field of Computing and Digital Technology.

PLO4	Demonstrate effective collaboration with stakeholders professionally.
PLO5	Use a broad range of information, media and technology to support study and research findings.
PLO6	Competently use digital technologies and software to support research works or studies.
PLO7	Critically evaluate numerical and graphical data using quantitative or qualitative tools in solving problems.
PLO8	Demonstrate leadership, autonomy and responsibility in conducting and managing research and resources.
PLO9	Self-advancement through continuous academic or professional development.
PLO10	Initiate entrepreneurial project with relevant knowledge and expertise.
PLO11	Demonstrate respectable ethical conducts and professionalism skills in an organization and society.