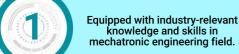
## IJŧŸĸĸſſſ



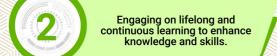
DIPLOMA IN MECHATRONIC ENGINEERING

## PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The Diploma in Mechatronic Engineering programme should produce balanced and competent technical workers who are:



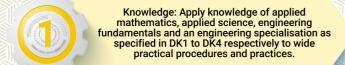




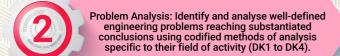


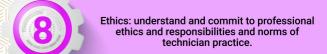
## PROGRAMME LEARNING OUTCOMES (PLO)

Upon completion of the programme, students should be able to:

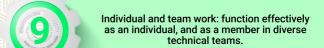


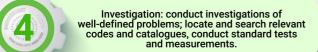




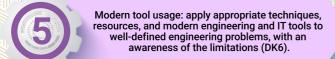








Communication: communicate effectively on well-defined engineering activities with the engineering community and with society at large, by being able to comprehend the work of others, document their own work, and give and receive clear instructions.



Project management and finance: demonstrate knowledge and understanding of engineering management principles and apply these to one's own work, as a member or leader in a technical team and to manage projects in multidisciplinary environments.



Lifelong learning: recognise the need for, and have the ability to engage in independent updating in the context of specialised technical knowledge.

- Notes:

  DK 1: A descriptive, formula-based understanding of the natural sciences applicable in a sub-discipline

  DK 2: Procedural mathematics, numerical analysis, statistics applicable in a sub-discipline

  DK 3: A coherent procedural formulation of engineering fundamentals required in an accepted sub-discipline

  DK 4: Engineering specialist knowledge that provides the body of knowledge for an accepted sub-discipline

  DK 5: Knowledge that supports engineering design based on the techniques and procedures of a practice area

  DK 6: Codified practical engineering knowledge in recognised practice area

  DK 7: Knowledge of issues and approaches in engineering technician practice: ethics, financial, cultural, environmental and sustainability impacts

