KEMENTERIAN PENDIDIKAN MALAYSIA

POLITEKNIK MALAYSIA
IBRAHIM SULTAN

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POLITEKNIK
IBRAHIM SULTAN

DIPLOMA IN ELECTRICAL & ELECTRONIC ENGINEERING - DEE

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The Diploma in Electrical and Electronic Engineering programme shall produce semiprofessionals that are:

PEO1 Knowledgeable and technically competent in electrical and electronics disciplines and able to adapt themselves with new technological challenges in electrical and electronic.

PEO2 Effective in communication and contribute effectively as a team member with the capability of being a leader.

PEO3 Capable to solve electrical and electronics problems innovatively, creatively, ethically with social responsibility towards developing country and community.

PEO4 Able to demonstrate entrepreneurship skills and recognize the need of lifelong learning for successful career advancement.

PROGRAMME LEARNING OUTCOMES (PLO)

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

PLO1 Apply technical knowledge and social science / humanities knowledge to well defined electrical and electronic engineering problems and to the personality development of an individual respectively.

PLO2 Solve related well-defined electrical and electronic engineering related problems systematically using appropriate tools and techniques.

PLO3 Analyze and investigate well-defined electrical and electronic engineering problems.

PLO4 Design well defined engineering solutions for electrical and electronic engineering Systems.

PLO5 Demonstrate practical skill in utilizing modern electrical and electronic engineering tools and design packages.

PLO6 Communicate effectively with the engineering community and the society at large.

PLO7 Demonstrate awareness and consideration for societal, health, safety, legal and cultural issues and the consequent responsibilities, taking into account the need for sustainable development.

PLO8 Engage in independent acquisition of new knowledge and skill, and recognize the need for professional development and information management.

PLO9 Demonstrate an awareness for entrepreneurship.

PLO10 Demonstrate understanding of professional ethics, responsibilities and norms of electrical and electronic engineering practices.

PLO11 Function individually or in teams, effectively, with the capability to be a leader.