DIPLOMA IN ELECTRONIC ENGINEERING (COMMUNICATION) – DEP

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The Diploma in Electronics Engineering (Communication) programme shall produce semiprofessionals that are:

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

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

PEO3 Capable to troubleshoot and maintain the electronic communication equipment's innovatively, creatively, ethically with social responsibility towards developing the country and the 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 well-defined electrical and electronic engineering related problems systematically by applying critical thinking skill and 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.