

DIPLOMA IN ELECTRONIC ENGINEERING (CONTROL)

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The Diploma in Electronic Engineering (Control) programme shall produce semiprofessionals that are:

- PEO 1** - Knowledgeable, technically competent in instrumentation and control discipline and able to adapt themselves with new technological advancement and challenges in industrial automation and process control fields.
- PEO 2** - Effective in communication and able to prepares them with social skills, leadership qualities and willing to be responsible towards developing country and community.
- PEO 3** - Capable to solve, troubleshoot, repair and do maintenance for electrical and electronics equipment with specialization in industrial automation and process control innovatively, creatively and ethically.
- PEO 4** - Able to demonstrate entrepreneurship skills and recognize the need of lifelong learning for successful career advancement.

PROGRAMME LEARNING OUTCOMES (PLO)

Upon completion of the programmed, graduates will be able to:

- PLO 1** - Apply technical knowledge to well defined electrical and electronic engineering problems and social science / humanities knowledge to the character development of an individual.
- PLO 2** - Solve well-defined electrical and electronic engineering related problems systematically by applying critical thinking and using appropriate tools and techniques.
- PLO 3** - Analyze and investigate well-defined electrical and electronic engineering problems.
- PLO 4** - Design well defined engineering solutions for electrical and electronic engineering systems.
- PLO 5** - Demonstrate practical skill in utilizing modern electrical and electronic engineering tools and design packages.
- PLO 6** - Communicate effectively with the engineering community and the society at large.
- PLO 7** - Demonstrate awareness and consideration for social, health, safety, legal and cultural issues and the consequent, responsibilities, taking into account the need for sustainable development.
- PLO 8** - Engage in independent acquisition of new knowledge and skill, and recognize the need for professional development and information management.
- PLO 9** - Demonstrate an awareness for entrepreneurship.
- PLO 10** - Demonstrate understanding of professional ethics, responsibilities and norms of electrical and electronic engineering practices.
- PLO 11** - Function individually or in teams, effectively, with the capability to be a leader.

