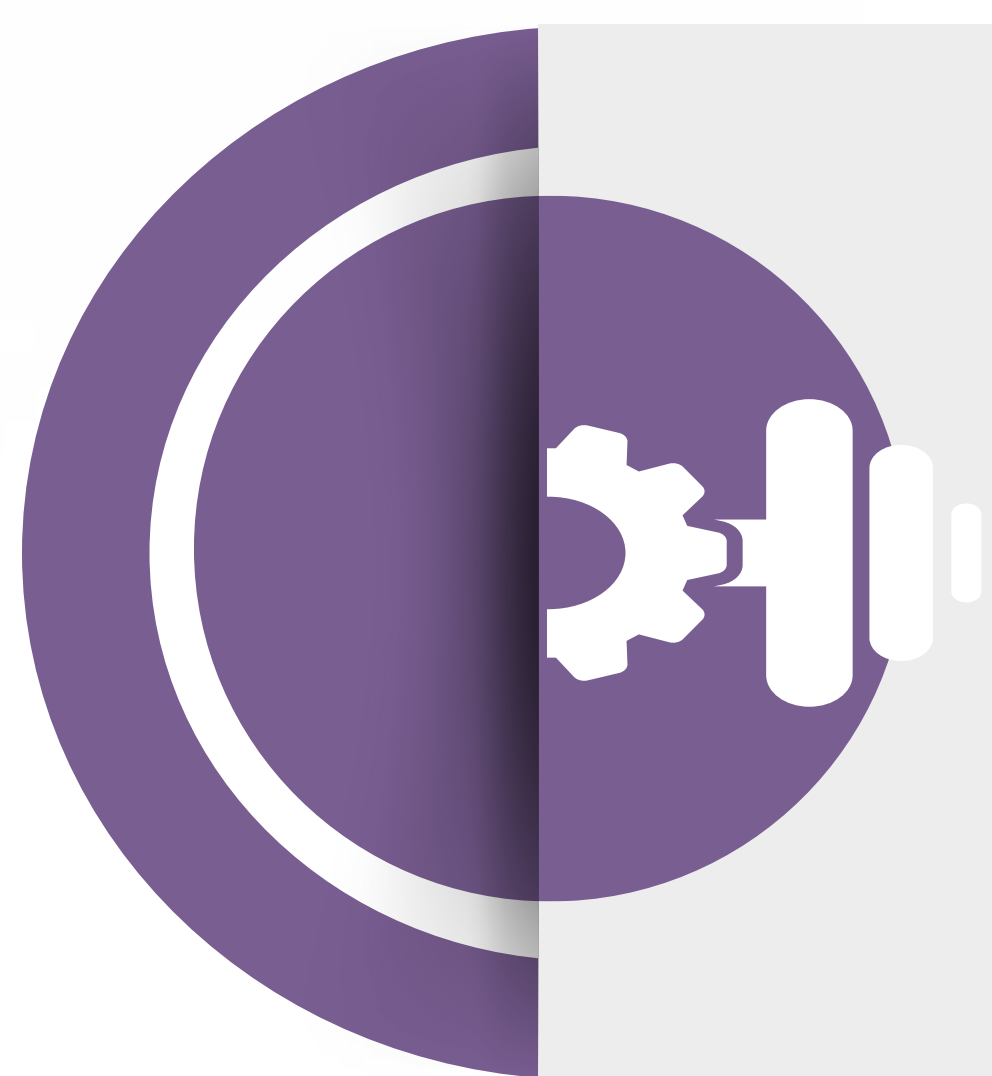


04 Programme Educational Objective (PEO)

DIPLOMA IN ELECTRONIC ENGINEERING (COMMUNICATION)

The Diploma In Electronic Engineering (Communication) programme shall produce semi professionals who are:



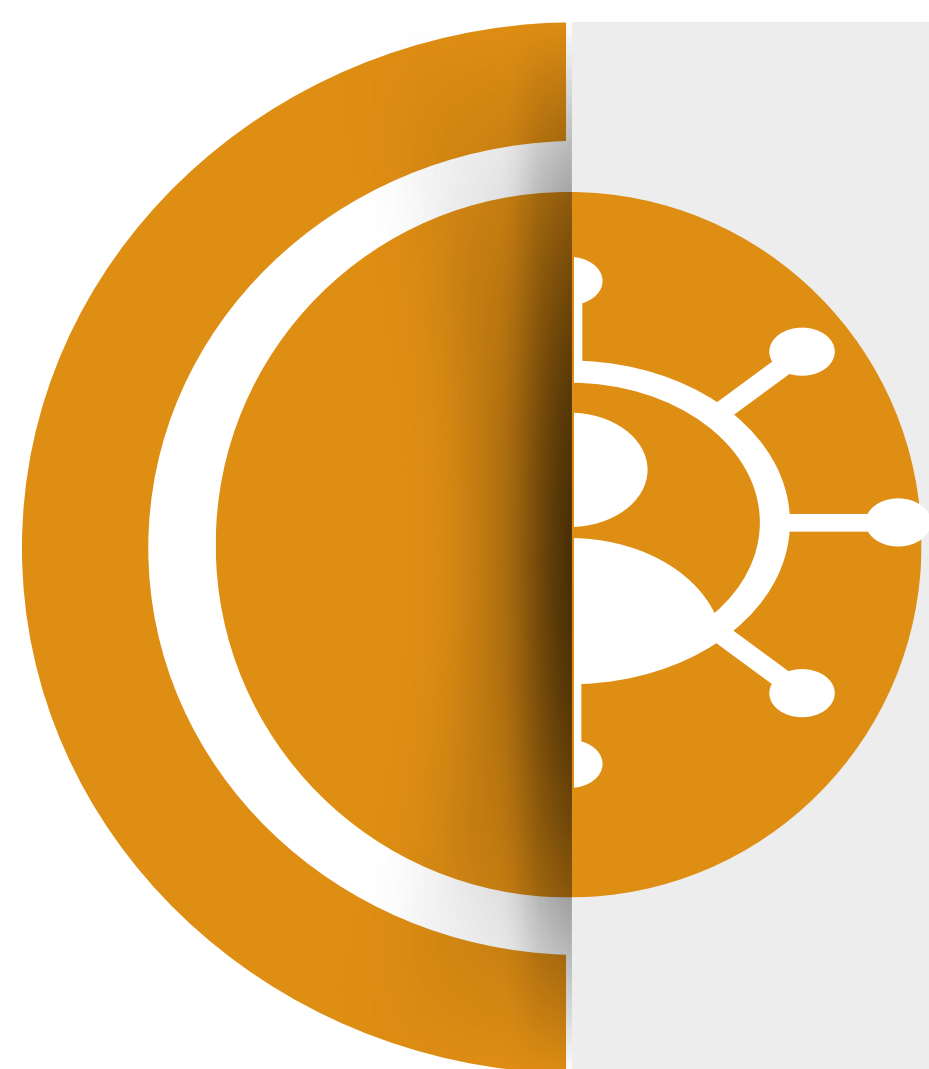
Practising technician in electrical and electronic engineering-related field

01



Contributing to society with professional ethics and responsibilities

02



Engaging in enterprising activities that apply engineering knowledge and technical skills.

03



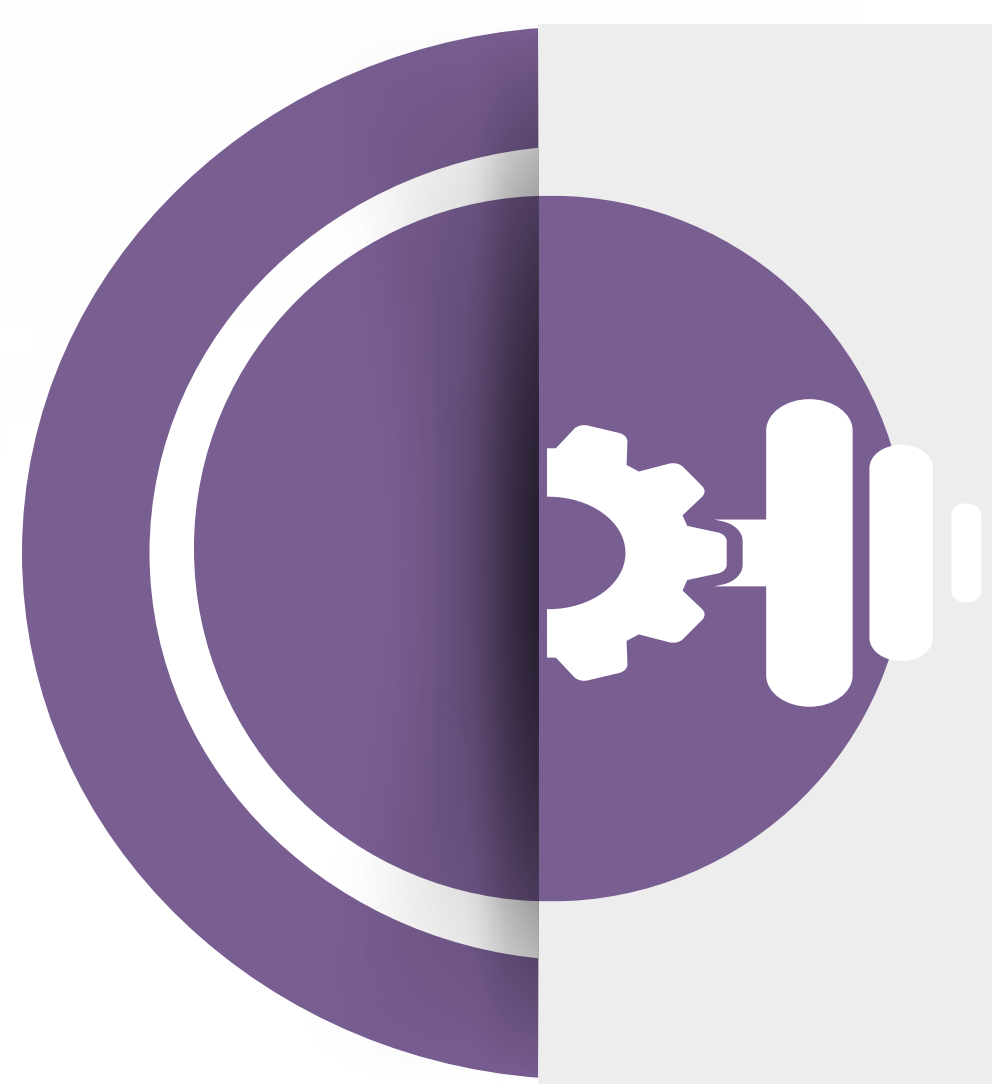
Engaging in continuous professional development in response to technological and social challenges.

04

04 Programme Educational Objective (PEO)

DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING

The Diploma In Electrical And Electronic Engineering programme shall produce semi professionals who are:



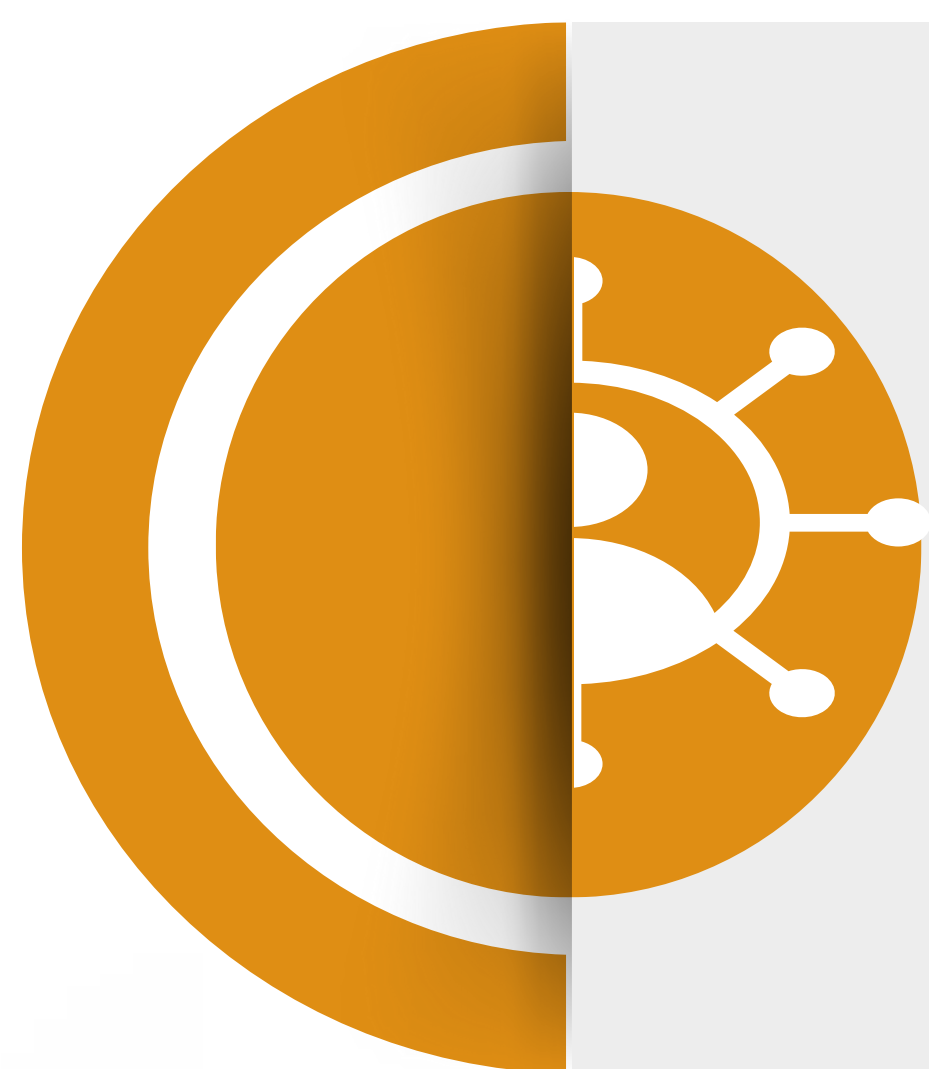
Practising technician in electrical and electronic engineering-related field

01



Contributing to society with professional ethics and responsibilities

02



Engaging in enterprising activities that apply engineering knowledge and technical skills.

03



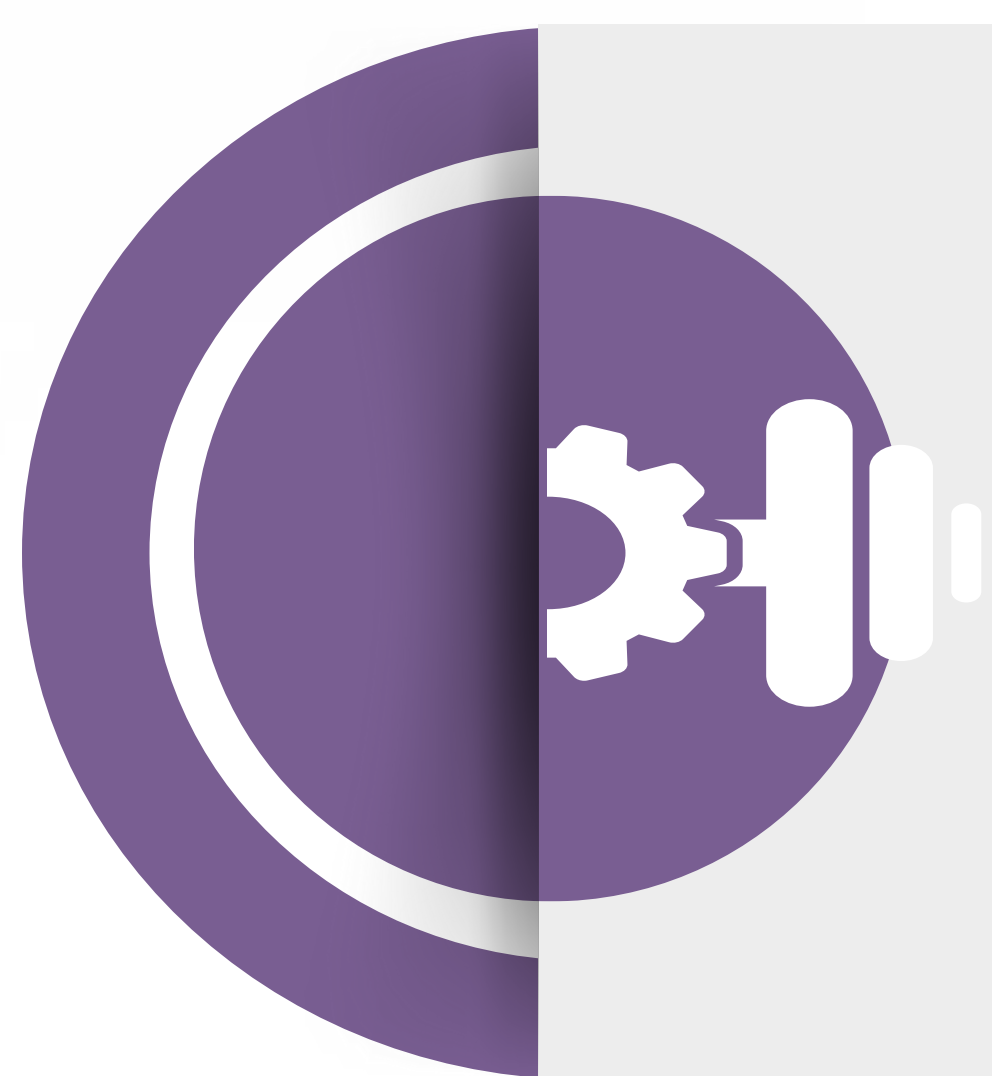
Engaging in continuous professional development in response to technological and social challenges.

04

04 Programme Educational Objective (PEO)

DIPLOMA IN ELECTRICAL ENGINEERING

The Diploma In Electrical Engineering programme shall produce semi professionals who are:



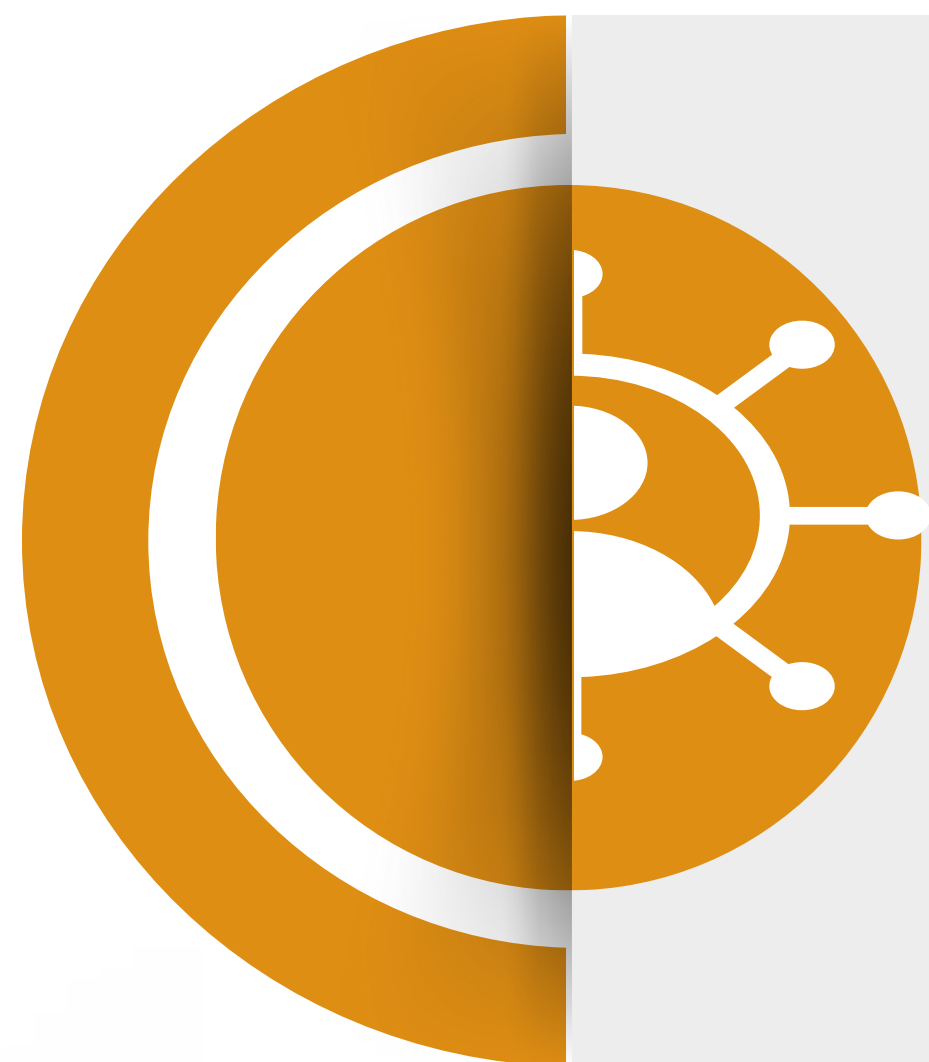
Practising technician in electrical engineering-related field

01



Contributing to society with professional ethics and responsibilities

02



Engaging in enterprising activities that apply engineering knowledge and technical skills.

03



Engaging in continuous professional development in response to technological and social challenges.

04



KEMENTERIAN PENDIDIKAN TINGGI
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI



SULTAN ABDUL HALIM MU'ADZAM SHAH

11 Programme Learning Outcome (PLO)

DIPLOMA IN ELECTRICAL ENGINEERING
DIPLOMA IN ELECTRONIC ENGINEERING (COMMUNICATION)
DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING

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

apply knowledge of applied mathematics, applied science, computing and engineering fundamentals and an engineering specialisation as specified in DK1 to DK4 respectively to wide practical procedures and practices.

PL01

PL02

identify and analyse well defined engineering problems reaching substantiated conclusions using codified methods of analysis specific to their field of activity (DK1 to DK4).

design solutions for well-defined technical problems and assist with the design of systems, components, or processes to meet specified needs with appropriate consideration for public health and safety as well as, cultural, societal, and environmental considerations as required (DK5).

PL03

PL04

conduct investigations of well-defined problems; locate and search relevant codes and catalogues, conduct standard tests and measurements (DK8).

apply appropriate techniques, resources, and modern engineering computing and IT tools to well defined engineering problems, with an awareness of the limitations (DK2 and DK6).

PL05

PL06

consider sustainable development impacts* to: society, the economy, sustainability, health and safety, legal frameworks, and the environment, in solving well-defined engineering problems (DK1, DK5, and DK7).

understand and commit to professional ethics and responsibilities and norms of technician practice and including compliance with national and international laws. Demonstrate an understanding of the need for diversity and inclusion (DK9).

PL07

PL08

function effectively as an individual, and as a member in diverse and inclusive teams in multi-disciplinary, face to face, remote and distributed settings (DK9)

communicate effectively and inclusively 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 (NA).

PL09

PL010

demonstrate awareness of engineering management principles as a member or leader in a technical team and to manage projects in multidisciplinary environments.

recognise the need for, and have the ability for i) independent and lifelong learning and ii) critical thinking in the face of specialised technical knowledge (DK8).

PL011