PROGRAM EDUCATIONAL OBJECTIVES (PEO)

AS113

PEO1
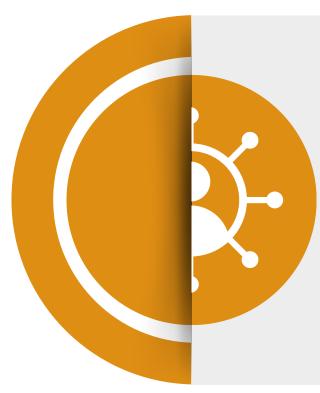Polymer technologists who apply knowledge, understanding and practical skills in providing solutions to polymer-related industries and problems.

PEO2
Polymer technologists who adopt the roles of a leader and a team member and communicate effectively in providing solutions to polymer related issues and problems.

PEO3
Polymer technologists who proactively acquire knowledge, skills and innovatively manage resources and advance information technology.

PEO4
Polymer technologists who integrate values, attitudes, professionalism and social skills, in engaging with society and stakeholders.

PROGRAMME LEARNING OUTCOMES (PLO)

AS113

Apply basic knowledge of polymer technology, business and management to address issues in polymer practices — **PLO1**

Analyse issues and problems in providing scientific solutions to ensure a safe and healthy working environment — **PLO2**

Perform scientific and technical skills relevant to polymer practices — **PLO3**

Demonstrate good interaction to transfer knowledge towards stakeholders — **PLO4**

Demonstrate effective communication skills in oral and written forms in delivering accurate information to the diversity of the audience of polymer industries — **PLO5**

Apply a broad range of digital technology and relevant software to manage relevant information — **PLO6**

Analyse numeracy skills to visualise and analyse data in solving polymer problems and issues — **PLO7**

Demonstrate effective capabilities as a leadership, autonomy and responsive leaders in selected working environment — **PLO8**

Develop personal skills in self-directed lifelong learning skills in polymer related industry — **PLO9**

Demonstrate good entrepreneurial skills and knowledge for career pathway — **PLO10**

Display professionalism and ethical conduct in engaging with society and stakeholders — **PLO11**