

## Chemical Engineering Department

### PROGRAM OUTCOMES (PO)

- PO1 To apply knowledge of mathematics, science, and engineering.
- PO2 To design and conduct experiments, as well as to analyze and interpret data,
- PO3 To design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, Manufacturability, and sustainability,
- PO4 To function on multidisciplinary teams in chemical engineering and research,
- PO5 To identify, formulate, and solve engineering problems,
- PO6 To understand professional and ethical responsibility,
- PO7 To communicate effectively,
- PO8 To understand the impact of engineering solutions in a global, economic, environmental, and societal context,
- PO9 To recognise the need for, and an ability to engage in life-long learning,
- PO10 To get knowledge of contemporary issues in chemical engineering and research.
- PO11 To use the techniques, skills, and modern engineering tools necessary for engineering practice.
- PO12 To give basic knowledge about chemical Engineering Software. (Chemcad Software).