

## ABOUT US

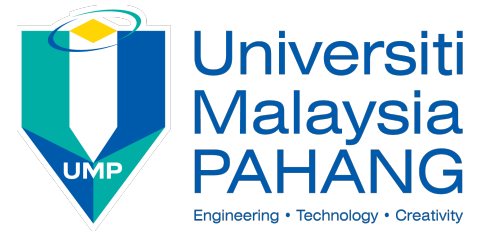
The Faculty of Chemical and Natural Resources Engineering of UMP was established in 2002 with the aim of providing engineering programmes in the field of chemical and natural resources engineering.

### Vision

To be a leading centre in producing professionals in the area of chemical and natural resources engineering, with emphasis on best industrial practices and applications

### Mission

To provide for the study of chemical and natural resources engineering in an industrial context through outstanding education research, and development



## FACULTY OF CHEMICAL & NATURAL RESOURCES ENGINEERING



We are also known as **Fakulti Kejuruteraan Kimia & Sumber Asli (FKKSA)**

The faculty is also tasked to embark on research and development activities, particularly in the area of fine and specialty chemicals, chemical process up-scaling, and biotechnology and gas technology-related processes to generate expertise relevant to the needs of the industry.

Contact us for information.



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## ENTRY REQUIREMENTS

**1** Pass MOE Matriculation/UM Foundation Studies in Science/UiTM Foundation Studies with at least CGPA 2.70; and

**2** At least Band 1 in Malaysian University English Test (MUET); and

**3** At least C Grade (2.00) in Matriculation/Foundation Studies level in the following subjects:

Mathematics/Engineering Mathematics;  
Chemistry/Engineering Chemistry; and  
Physics/Engineering Physics/Biology



**Diploma in Chemical Engineering (Process Plant)**

**B. Eng (Hons.) Chemical Engineering**

**B. Engineering Technology (Hons.) Chemical**

**Master in Chemical Engineering with Entrepreneurship**

**Master and PhD by Research**

## Programme Educational Objectives (PEO)

### PEO 1

Our graduates will demonstrate the foundation and depth for successful chemical/gas engineering careers in industry, academia, or government.

### PEO 2

Our graduates will demonstrate the foundation and breadth to obtain, apply, and transfer knowledge across disciplines and into emerging areas of chemical/gas engineering and related fields.

Our graduates will demonstrate effective communications, leadership and teamworking skills.

### PEO 4

Our graduates will demonstrate that they have a sense of responsibility, are ethical in the conduct of their profession, and have an appreciation for the impact of their profession on society.

## Career Prospects

- Chemical and applied products
- Pharmaceuticals
- Energy
- Water
- Food & Drink
- Materials
- Oil & Gas
- Process Plants & Equipment
- Biotechnology
- Business and Management
- Consultancy