

Department of Chemical Engineering

The mission of Department of Chemical Engineering is to educate highly qualified students who can contribute to the society with their knowledge, innovation and independent research skills by providing quality engineering education with modern educational infrastructure.

Our department, which is located in Kocaeli where chemical industry is widespread, aims to become one of the leading Chemical Engineering Departments in Turkey by strengthening the industrial cooperation between university and industry.

The vision of our department is to be a leading and internationally accepted Chemical Engineering Department in our country, preferred by students and graduates of which are preferred.

Our department, which was established in 1996, started education at Ali Rıza Veziroğlu (Vinsan) campus in 1999. Since 2009, it has been continuing education at Umuttepe Campus in the Faculty of Engineering building.

The department has more than four hundred students.

Our academic staff consists of 10 professors and 7 research assistants.



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Kocaeli University
Faculty of Engineering
Department of
Chemical Engineering



EDUCATION

Theoretical courses in undergraduate education are given in four modern equipped classrooms and laboratory courses are given in three education laboratories.



The undergraduate program of our department is accredited by MÜDEK (Association for Evaluation and Accreditation of Engineering Education Programs) and our department is awarded the EUR-ACE Label, meaning European Accreditation. With this accreditations, the undergraduate program diploma of our department has gained international equivalence / recognition.



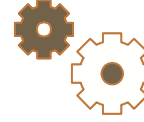
In addition to the undergraduate program, the Department of Chemical Engineering offers graduate and doctoral programs. MS and PhD theses were conducted in the industrial fields where our department is specialized, such as polymer, petrochemistry, catalysis, combustion, pervaporation, quality, biotechnology and chemical reaction engineering.



RESEARCH

There are five R & D laboratories in our department:

- Reaction Engineering,
- Catalyst Research and Development,
- Membrane,
- Biotechnology,
- Plastic and Rubber Technology,
- Hydrogen, Fuel Cells and Electrochemical Technologies.



Establishing university-industry cooperation is our goal. For this purpose, a number of joint studies and projects are carried out in collaboration with various industrial organizations in our department, and faculty members conduct research in various fields such as plastic and rubber, catalyst development, reaction engineering, membrane processes, biotechnology and fuel cells for technology development and improvement.



FIELDS OF WORK AND JOB OPPORTUNITIES

Chemical Engineers work in the design, establishment and operation of facilities which produce or use chemicals.

They are especially employed in the companies working in the Ceramics, Pharmaceutical, Textile, Paint, Metal and Coating, Fertilizer, Rubber, Petrochemistry, Automotive, Energy, Food and Defense sectors.

They work in the Production, Research & Development, Process design and optimization, Factory organization and operation, Quality assurance, Safety and environmental quality, Technical sales, Service and marketing, management departments.

Moreover, they can have a master's degree, doctorate degree, become a research assistant and have an academic career.

