

The Computer Engineering (COE) Department was established in 1986. COE developed and evolved over the years to be recognized for its excellence in education and research.

Computer engineering is a discipline of interest and demand locally in Saudi Arabia, regionally in the Middle East and internationally worldwide. Currently, there is a critical shortage of computer professionals who can design and implement computer systems and networks. The Kingdom of Saudi Arabia has focused on computer technology and its utilization as one of the fundamental tools to modernize its industry to cope up with advances in modern technology. It is, therefore, mandatory to prepare highly qualified computer engineers who are capable of mastering the last advances in such a rapidly growing technology.

The Computer Engineering Department *offers strong undergraduate educational program* leading to a *Bachelor of Science (BS) in Computer Engineering*. It also have a well-established *graduate programs* leading to a *Master of Science (MS) in Computer Engineering*, and two programs joint with the Information & Computer Science Department: *Master of Science (MS) in Computer Networks*, and *Doctor of Philosophy (Ph.D.) in Computer Science and Engineering (CSE)*.

The Computer Engineering programs at KFUPM provides a comprehensive coverage of a wide range of COE subjects and areas that are dynamically improving according to the need and applicability. Nowadays, COE concentrations cover:

- Computer Architecture & Digital Design
- Parallel and Distributed Systems
- Communications and Networks
- VLSI and Design Automation
- Computer Systems and Applications (Robotics, Security, Multimedia....etc)

Computer engineering tradition in education, research, and public service continues because of the commitment of the COE talented faculty, staff, and students and the endless support from KFUPM, the Saudi government, and the industry. Our relations with the industry include research collaborations, project contracts, short courses training, internships for students and faculty through summer training, and the cooperative education program.

Dr. Adnan Gutub

Chairman, Computer Engineering Department