School of Electrical Engineering

1. Introduction

Electrical Engineering at KAIST is a research-oriented department with 15 research centers in semiconductors, control and systems, microwave and lightwave, computer and circuit design, communications, and signal processing. The department includes about 90 faculty members, 1,000 graduate and 500 undergraduate students, and 19 administrative staffs.

The educational objective of the department is to foster men and women with talents to become leaders in electrical engineering. To achieve our objective, the bachelor of science program emphasizes the fundamentals of modern electrical engineering from devices to systems; the masters of science program emphasizes professional skills that the industry demands, and the doctor of philosophy program encourages creative research that will be beneficial to human kind.

The operational objective is to produce future leaders with vision, creativity and communication skills through research and education which will have a dramatic effect on our future world.

The curriculum characterized by diverse cooperation with industrial agencies, understanding of theory and concepts by in-depth study as well as experimental verifications, and variety of group seminars is organized so that the students can fully enhance their technical knowledge and develop their ability so to put their knowledge into practice.

Electrical Engineering of KAIST pledges to make constant and sincere efforts to cultivate visionary leaders.