

Division of Computer Science

URL : cs.kaist.ac.kr

Dept. Phone : 042-869-3502-5

Overview

In today's cutting edge science and technology, computers play an indispensable and integral role and their application areas are diverse and far-reaching. In order to respond to the ever-increasing demand for technical expertise in the computer and information technology industry, we set the goal of our department to teach students to be well versed both in theory and application and to be highly adaptable and proficient in practice.

As the first Computer Science graduate program in Korea, we have produced the very best bachelors, masters and PhDs in Korea and we take pride in being a top-notch world-class research and education department. Since its foundation in 1972, the department has produced 844 bachelors, 1290 masters, and 377 Ph.D.s, and been a major talent pool for the entire IT industry in Korea. Our curriculum is well-balanced between theory and application, with much emphasis on experimental approaches. To keep students up-to-date with new developments and advances that have not been incorporated into the regular curriculum, we also encourage them to participate in research projects through independent studies and special topic courses.

Currently our department hosts three Engineering Research Centers funded by KOSEF, namely the Advanced Information Technology Research Center (AITRC), the Virtual Reality Research Center (VRRC), and the Mobile Media Research Center (MMRC). The Software Process Improvement Center (SPIC) is funded by the Ministry of Information and Communications. The Artificial Intelligence and Pattern Recognition Laboratory (AIPR), a National Research Lab, is funded by the Ministry of Science and Technology; and the Korea Terminology Research Center for Language and Knowledge Engineering (KORTEM) is funded by the Ministry of Culture and Tourism. These research centers, along with the department, support research collaboration with other Korean universities and research laboratories, as well as with foreign research centers and universities.

Our departmental curriculum covers all topics related to design, implementation, and application of computer system hardware and software. With our excellent faculty and first-rate facility, we will continue government-funded and industry-liaison research, and are committed to our leadership role in computer science in the 21st century.

☞ Life After Graduation

Most graduates of our department continue with master's degree programs or work in industry. Those with Master's degree either advance to Ph.D. programs, or work as senior members in industry and research laboratories. Many of our graduates have been the driving force behind the 90's IT boom in Korea and founded HandySoft, Serome, Future Systems, Nadatel, etc. Our 377 Ph.D.s work in universities, corporate research laboratories, and industry and are the main backbone behind world-class research in computer science.