

BİLKENT UNIVERSITY

Bilkent University was founded on October 20, 1984 by İhsan Doğramacı with the aim of establishing a center of excellence in higher education and research. Consistent with this aim, the university has attracted highest ranking students in the country, and very productive faculty.

As of 2004, there are over 10 000 students in nine faculties, two four-year professional schools, two two-year vocational schools and the School of English Language plus six graduate schools (called institutes). Among them, there are foreign students from 72 countries.

To promote the enrichment of teaching and research programs, Bilkent University participated in collaborative projects and exchange programs with many universities abroad. Bilkent is also a member of the EMSPS (European Mobility Scheme for Physics Students), an exchange program coordinated by the European Physical Society. According to ISI Citation Indexes, Bilkent continues to be the first in Turkey in number of published papers per faculty member and ranks high internationally.

İSYAM

İSYAM (Communications and Spectrum Management Research Center) is founded in 1994 as a Research Center of Bilkent University. Center is mainly involved in issues at the intersection of Telecommunications and Information Technology.

Among the projects developed at İSYAM, the most important ones are Radio and TV frequency planning of Turkey and National Frequency Management System, which includes the entire automation of all licensing and spectrum management activities of Turkish Telecommunication Authority as well as spectrum engineering tools.

Expert technical personnel of İSYAM have a very high level of skills in all aspects of system software engineering. İSYAM uses a high resolution demographic database as well as surface models at various scales in present projects. Data collected by various institutions are compiled, verified, formatted and fused into a unified spatial database in İSYAM. In these aspects of information technology, the skills of the Center are rated highest.

The major motivation for the existence of İSYAM is not only to confine its efforts to the communications-information technology interface but to mobilize the Center's unique knowledge, skills and experience on software, large scale database design and implementation, spatial database generation, GIS (Geographical Information System), large scale project management, together with the extensive expertise available in Bilkent University, to other projects which require multidisciplinary approach.

