

Mission Statement

The university mission of IQS can be found in a document drawn up at an institutional level, and passed in 1998. Regarding IQS School of Engineering, the mission is as follows:

Our mission is the integral education of people with attitudes, knowledge and skills that enable and inspire them in their personal and professional development. That education takes place under criteria of excellence and justice, based on deeply held values of Christian ethics, and in complete agreement with the mission of IQS.

Our essential goal is to take students who have finished their secondary education and who show the potential and vocation necessary for scientific and technical studies and lead them to higher degrees in engineering and experimental sciences.

IQS envisage Research and Experimental work as fundamental instruments for teaching of an up-to-date and innovative university education.

TEACHING

Following the Jesuit tradition, we believe that the development of the ability to learn is essential for our students' development, in four areas: learning to know and how to learn, learning to do, learning to be, and learning to live together.

We provide our students with experiences that develop their interpersonal and analytical skills: oral and written communication, team working, critical thinking, problem solving and the use of modern engineering equipment and computer applications

We provide programs designed for the integral, interdisciplinary education of our graduates, with special emphasis on both the basic sciences and applied technologies, with a generalist approach that includes the social and economic impacts of engineering and experimental sciences.

We are committed to be recognized for the quality of our faculty, for their knowledge and experience, and for their pedagogical vocation and devotion to personalized service to the student.

Students carry out intense experimental and practical work, which permits them to develop a very high autonomous learning capability. Cooperative education with industries and student internships are mandatory in all our programs.

RESEARCH AND TECHNICAL CONSULTANCY SERVICES

Research is an essential activity in order to provide quality teaching, develop critical thinking and contribute to the advancement of knowledge. For that reason, we stimulate and provide incentives for carrying out research work by faculty, in particular in those interdisciplinary fields for which IQS has achieved great renown. Our doctoral studies are an ideal way to build on the research capacities of those students who have shown evidence for this vocation.

Technical Consultancy Services are seen as a desirable activity to improve instruction and keeping faculty up-to-date with industry needs. The offer of these services stimulates innovation and facilitates the relationship with many industries and industrial sectors, and also contributes to the progress of society.