

# Division of Mechanical Engineering

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## Introduction

Since its foundation in 1971, the Department of Mechanical Engineering has occupied the center stage of high-level education and research in Korea. The graduates, now numbering more than 4000, become the leaders in industries, research institutions, universities and government. We shall continue to make strenuous efforts to pursue excellence and distinctiveness in producing top-quality mechanical engineers.

The academic curricula have undergone substantial changes and improvements. These are designed to equip the students with updated and rejuvenated knowledge of the emerging technologies as well as the fundamental basics of mechanical engineering. For the undergraduate program, the required credits have been reduced, and more freedom and latitude are given to the students to select the courses and career planning. Also, starting in 2005, based on the same philosophy, there will no longer be compulsory required courses for the graduate programs. All the courses will be formulated as elective courses. The students will have wider freedom in choosing courses and seminars to suit their specific needs in graduate-level studies.

The research activities are boosted and refined to six research fields in the department. It is noted that general-purpose facilities are upgraded with a goal of higher operating efficiency and wider usability. Examples are the micro-fabrication equipments, SEM and rapid-prototyping devices.

The students are encouraged to participate fully in extracurricular activities, which promote mutual understandings and cooperative endeavors. Various programs are offered to build up the management capabilities of the students, enhancing thesis writing skills and strengthening the logical ways of thinking and implementing engineering projects.

The faculty and staff are geared to provide productive and fulfilling education and training to the students, the future leasers of the mechanical engineering societies.