

Division of Future Vehicle

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Introduction

The vision for future automobiles has constantly evolved from internal combustion engine-powered automobiles that use fossil fuels as finite resources through electric automobiles to digital electric automobiles now, requiring a paradigm shift in the automobile culture. In order to gain the world's best competitive edge, it is essential to develop technologies needed for future automobiles and systematically nurture key advanced talents.

The KAIST Future Vehicle program is a master's and doctoral education program that offers customized curricula by developing educational programs combining research, education and academia-industry cooperation—with the opinions and demands of industries and relevant researchers fully reflected—and providing specialized research themes with an aim of nurturing advanced resources for the future automobile industry equipped with knowledge in hybrid technologies, practical capabilities, international and business minds and creativity.

The program also provides practical interdisciplinary education by enabling students to participate in the relevant research and development projects of the Personal, Plug & Plug(P³)DigiCar Research Center as researchers and develop IT-based convergence technologies.

It also offers industrial training during vacations to identify technical difficulties in the field and nurture the practical capabilities of students and thereby nurture talents tailored to industrial demands..

