

# Ibaraki National College of Technology

## Message from the president



**TSUNODA Yukitoshi Ph.D.**  
President, Ibaraki National College of Technology

Ibaraki National College of Technology is one of 55 national colleges of technology throughout Japan, located in the suburbs of Hitachinaka City, less than 3 kilometers toward the Pacific Ocean from the JR Katsuta Station, next to the JR Mito Station. Our College aims to train students to become engineers, being defined as an institution of higher education, including 5 departments in the Regular Course (Associates' Degree Course) and one Advanced Course (Bachelors' Degree Course).

The Regular Course, which is designed for the students ranging from freshmen in high school to the second year in university, confers a degree of Associate in Science on the graduates. The Advanced Course trains students equivalent to the junior and senior levels in university, who receive a bachelor's degree at the end of the second-year course.

Both graduates not only find work but many of them go on to universities or graduate schools. The ratio of offers of jobs for the students and those who go on to schools of higher institution is very high.

In addition to study or research, the students can join various club activities along with the Robot Contest and the Programming Contest, which help the students to pursue their studies, while at the same time enjoying their school lives.

Furthermore, we do our best in contributing to our community through open classes, joint researches, making our facilities public. We hope that you will have a look at our homepage to find the details and that we may have the pleasure of welcoming you at our college.

## History

**1964** Ibaraki National College of Technology was founded consisting of two departments: the Department of Mechanical Engineering and the Department of Electrical Engineering.

**1965** Ibaraki National College of Technology was constructed at the present location.

**1969** The Department of Chemistry and Material Engineering was established.

**1984** 2 students from Malaysia were enrolled in the third year marking the first acceptance of foreign students.

**1986** The Department of Electronic and Computer Engineering was established.

**1989** Agreement on academic exchanges was signed between Ibaraki National College of Technology and INSA de Rouen in France.

**1991** The Department of Electronics and Control Engineering was established.

**1996** Overseas study program started.

**2001** One Advanced Course were established.

**2004** The Education program of Production System Engineering was authorized by the Japan Accreditation Board for Engineering Education.

**2005** The Certification of Education program was issued by the accreditation standards of the National Institutions for Academic Degrees and University Evaluation (NIAD-UE).

**2006** Agreement on academic exchanges with University Technology of Aguascalientes in Mexico and Waiariki Institute of Technology in New Zealand.

## Departments

### Department of Mechanical and Systems Engineering



Mechanical engineers need to acquire a wide range of expertise in addition to specialized knowledge on the strength of materials and the manufacturing technology because advances in mechanical engineering are closely related to those in other technological fields such as electrical engineering and information processing.

### Department of Electronics and Control Engineering



This department is designed to provide students with courses that prepare them to become engineers who can cope with a wide range of technological innovations. To achieve this, three major courses are offered (1) information technology, (2) machine design, and (3) interface technology.

### Department of Electrical and Electronic Systems Engineering



This Department has pursued study in a wide range of fields that include electronic circuitry, computer science, communications, electronic materials, robotics, power electronics, and environmental engineering. Another characteristic of the department is plenty of student's exercise in electrical and electronic circuits, electrical devices, and computers are taken in parallel with lecture courses.