

## ■ Division of Engineering and Technical Staff

Mission

The division organizes engineering and technical staff for academic studies and provides coordinated support to strengthen the infrastructure for education and research activities of Tohoku University. To this end, it promotes skill development and appropriate job assignment of the engineering and technical staff.

## ■ Institute of Liberal Arts and Sciences

Mission

To provide students with a well-rounded education, the Institute of Liberal Arts and Sciences collaborates with the Center for the Advancement of Higher Education to implement and support liberal arts and general science education. Accordingly, the Institute of Liberal Arts and Sciences contributes to the cultivation of specialized human resources with a creative spirit and high level problem-solving skills.

## ■ Micro System Integration Center ( $\mu$ SIC)

Mission

As an R&D center for Integration of micro-systems, we aim, through cooperation with industry, to promote the development of micro-system integration techniques, and to contribute to the strengthening of Japan's international competitiveness in the field of integrated circuits. In addition, we aim to apply the technologies in diverse fields such as information-communication, manufacturing, and medicine.

## ■ Center for Spintronics Integrated Systems

Mission

This center aims to contribute to the realization of a low-carbon and energy-saving society and to the strengthening of international competitiveness in the field of next generation VLSIs, through the development of innovative energy-saving logic VLSIs that fuse spintronics devices and logic-integrated circuits under the collaboration among industries, universities and government focusing on these technologies.

## ■ Research Organization of Electrical Communication

Mission

The Research Organization of Electrical Communication contributes to the prosperity of information communication and electronics industries located in the disaster areas of Tohoku by convening the wisdom of researchers and technical experts in the fields of electricity, communication and electronics of our university, through the construction of a disaster-resilient information communication network, and through the world leading innovative research development. The organization further contributes to the creation of new industries in our country in the fields of new information communication and electronics, promoting strategic research responding to social issues and contributing to community and national policy, and to the promotion of industry-academia collaborative research.

## ■ Center for Collaborative Research on Materials Science

Mission

As a base of research and development of materials science, and through the cooperation with Shanghai Jiao Tong University, the Center for Collaborative Research on Materials Science promotes joint research in the field of materials science, and while investing in the training of leaders and in the production of research results on highest world standard, the Center contributes to the development of science and industrial technology.

## ■ Center for Innovative Integrated Electronic Systems

Mission

The Center aims to contribute to the enhancement of global competitiveness in the field of next-generation integrated electronics systems, and further, work toward the creation of practical applications and new industries, through the research and development of innovative devices and its integrated electronic systems and constructing a consortium for this field under the international collaboration among industries, universities and government.

## ■ Organization for Leading Graduate School Program

Mission

In cooperation with other related departments, this program aims for the enrichment of postgraduate education by planning, conducting and supporting credit programs for doctor courses on a global level; it equips graduate school students with a birds-eye view and the power of creativity, and contributes to the development of global leaders capable of working in industry-university-government sectors.