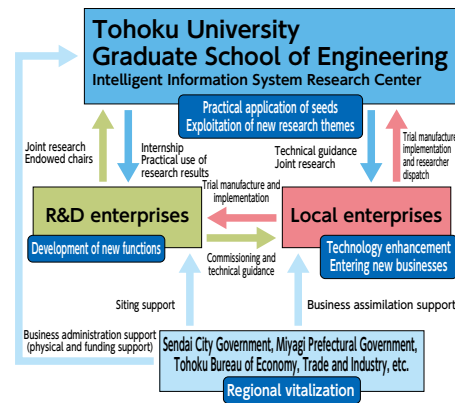


Shaping the next-generation through world-leading research Industry-academia collaboration creating a sustainable future

Intelligent Information System Research Center forms hub for industry-academia-government collaboration Revitalizing next-generation vehicle research and development

Tohoku University established the Intelligent Information System Research Center (IIS) at the Graduate School of Engineering as a hub for industry-academia-government collaboration. The Graduate School of Engineering, Research Institute of Electrical Communication and Graduate School of Information Sciences are promoting collaboration at the IIS. About 80 laboratories relating to the fields of electricity, communication and mechanical engineering are participating in its activities. Using their technological resources, IIS supports industry and academia via collaborative research and development while working together with local enterprises on next-generation information communication, materials, electronics, intelligent computing, electric energy systems, vehicle/robot application systems, medical/bio application systems, etc.



Industry-Academia-Government Collaboration Promotion Seminar Envisages the Future of the Automotive Industry/Next-generation Moving Body Systems in Tohoku



As one of its Priority Support Programs, Tohoku University adopted the Demonstration Research Center for Environment and Safety Improvement Program on November 17, 2010. This project is part of the "Next-generation Moving Body Systems Study Group." This Priority Support Program aims to establish creative research centers, set up bases for sustainable development of the university, and give considerable support to research projects which are innovative and will contribute to solving issues concerning policy-making and society. The seminar, held in May, has led to the further strengthening of industry-academia-government collaborative activities. It shows the possibility of developing products on a commercial basis jointly with automotive companies in Tohoku.

Opening Ceremony for Tohoku University Innovation of New Biomedical Engineering Center

In February 2008, the Innovation of New Biomedical Engineering Center (INBEC) was launched as an independent organization under Tohoku University to provide a practical place to conduct "Translational Research" for innovative next-generation medical care. In April 2010, participating researchers moved into the facility laboratories and began their research after repairs were made to the former west ward building. As part of the opening celebration, a facility tour and symposium, "TR Strategy commenced by Tohoku University," were held on July 20th, 2010.



Opening of Hands-on Access Fabrication Facility for MEMS prototyping

On November 1, 2010, the Micro System Integration Center started a regular rental service for semiconductor and Micro Electro Mechanical Systems (MEMS) prototyping equipment.

Agreement on the KC Miyagi Promotion Network with Miyagi Prefecture concluded

On January 26, 2010, Tohoku University concluded the Mutual Cooperation Agreement on Support for Sophisticated Core Technologies with Miyagi Prefecture. This agreement will actively contribute to regional industrial promotion and has marks Tohoku University's entrance into the KC Miyagi Promotion Network.



Becoming a world-leading university through the construction of a global network Creating a world-class research and education center through international exchanges

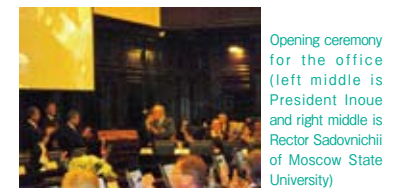
2nd Japanese-Russian Forum of Rectors held in Moscow The memorial opening ceremony of the Japanese Inter-University Russia Office was held at the same time

On September 11, 2010, the 2nd Japanese-Russian Forum of Rectors was held at the University Council Hall of Moscow State University. It was jointly organized by the Japanese executive committee, the Japan-Russia Society, the Russian Union of Rectors and Russian XXI Century Committee. There were 25 from Japan and 24 from Russian institutions in the forum. The theme, "Education and Science in Solving the Problems of Innovative Development – Japanese and Russian Experience," generated deep discussions about common issues of higher education. At the opening ceremony, representatives from each organizer extended greetings. At the same time, the memorial opening ceremony of the Japanese Inter-University Russia Office took place at Moscow State University. The office is run jointly by Tohoku University and Moscow State University as part of the Global 30 project funded by the Japanese Ministry of Education, Culture, Sports, Science and Technology.

A communiqué was adopted at the meeting. It referred to the implementation of joint research projects, sharing of information and experience regarding innovation, promotion of staff and student exchanges, and resolved to hold subsequent meetings every one and a half years. The next forum is to be held in March 2012 in Japan.



President Inoue extends greetings at the opening ceremony as the chairman of the Japanese executive committee



Opening ceremony for the office (left middle is President Inoue and right middle is Rector Sadovnichii of Moscow State University)

"Tohoku University Day" held at Xiamen University, Tsinghua University and Chongqing University

Tohoku University has been holding "Tohoku University Day" in China since December, 2009. The objectives are to promote understanding of Tohoku University to attract many more excellent international students and to increase educational and research exchange. In FY 2010, "Tohoku University Day" took place at Xiamen University (October 15, Xiamen), Tsinghua University (October 26, Beijing) and Chongqing University (November 5, Chongqing).

Tohoku University Day programs included addresses by the presidents of Tohoku University and the host university, an introduction of Tohoku University, presentations on its research, and explanations about the studying conditions at Tohoku University. In addition, booth consultations on studying at Tohoku University and a panel display about Tohoku University were conducted. At Tsinghua University, three seminars (science, engineering and economics) were held instead of the presentations on research.



Panel display at Xiamen University



Panel display and booth consultation at Chongqing University



Address by President Inoue at Tsinghua University

Advancing the "Future Global Leadership" project

Tohoku University is advancing the "Project for Establishing Core Universities for Internationalization" started by the Ministry of Education, Culture, Sports, Science and Technology, under the title of "Future Global Leadership."

The university is increasing the number of courses in which students can obtain degrees by taking lectures and research guidance conducted in English. In 2010, three courses started at the graduate level, in addition to the International Program in Liberal Arts (IPLA), which is a program that provides the opportunity for overseas students to study Japan through a strong Liberal Arts curriculum taught in English.

New projects were also started in 2011. They include three courses at the undergraduate level and a summer program in liberal arts. Under the "Future Global Leadership" program, a variety of plans are being implemented to train outstanding individuals who will take an active part in the international community.



Opening ceremony of the IPLA classes