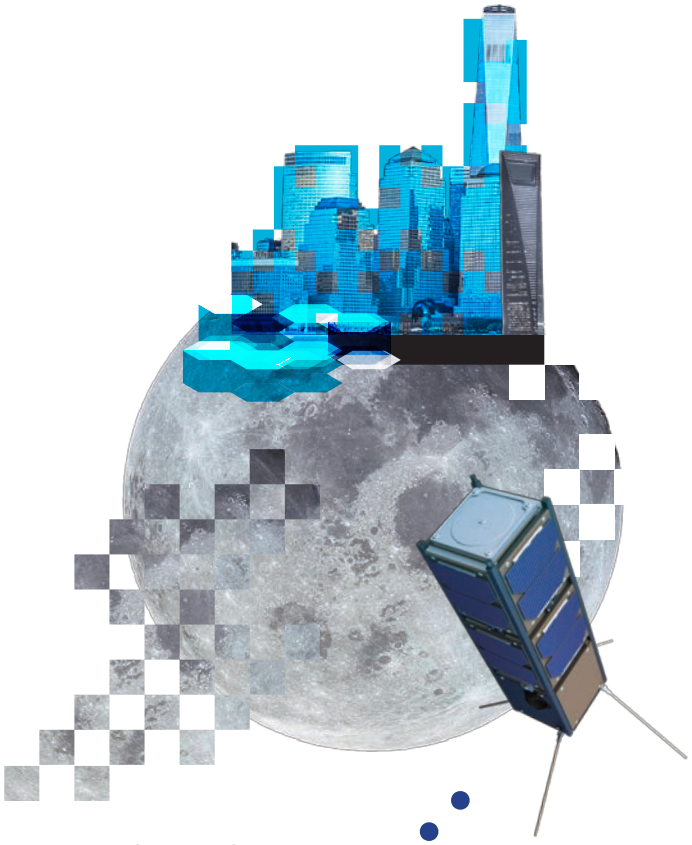
# FUT

## 2026 GUIDE BOOK

Fukui University of Technology

## in Japan

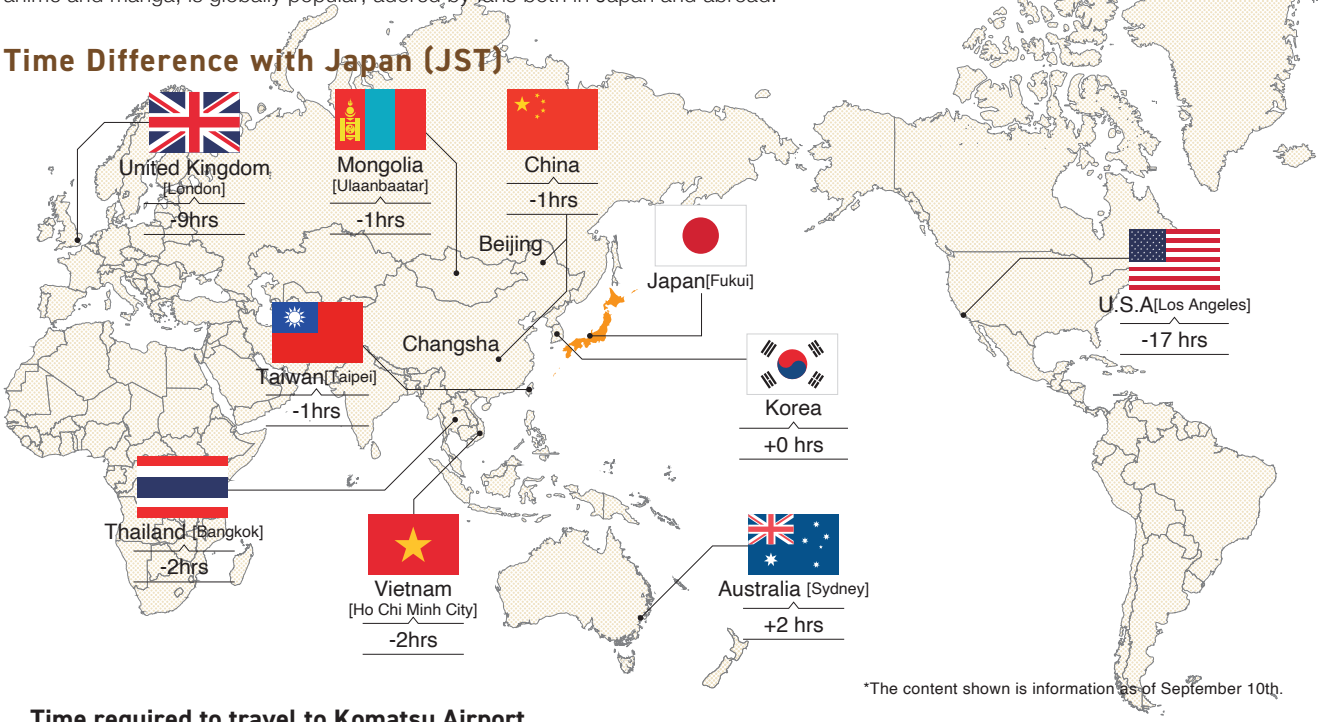


# JAPANESE STYLE

## Japan's charms have their source in its beautiful nature and rich culture.

Japan, located in East Asia, is an island nation completely surrounded by the ocean. Forests make up about 70 percent of its land. Its seasonally changing, beautiful landscapes, including sakura cherry blossoms in the spring and fall foliage in autumn, are a delight. There's also skiing and onsen hot springs in the winter for full enjoyment of nature. In addition, its diverse pop culture, especially anime and manga, is globally popular, adored by fans both in Japan and abroad.

### Time Difference with Japan (JST)




*The content shown is information as of September 10th.

### Time required to travel to Komatsu Airport

| | | | |
|---|---|---|---|
| From Korea | ~2.5 hrs | From Thailand[Bangkok] | ~6 hrs |
| From Taiwan[Taipei] | ~4 hrs | From Vietnam[Ho Chi Minh City] | ~6 hrs |
| From China[Beijing] | ~4 hrs | From U.S.A[Los Angeles] | ~10 hrs |
| From China[Changsha] | ~5 hrs | From Australia[Sydney] | ~10 1/2 hrs |
| From Mongolia[Ulaanbaatar] | ~5.5 hrs | From United Kingdom[London] | ~12 hrs |


### Autumn [fall foliage]

Autumn in Japan is the season for enjoying beautiful fall foliage, especially the maples and ginkgo trees. In all corners of Japan, people enjoy the colorful leaves, with famous spots full of sightseers.


### Winter [snow]

Japan in the winter, especially northern Japan, has much snow. There are many resorts where people can enjoy skiing and snowboarding, and the beautiful, snowy vista.

# Japan's Four Seasons

## Spring [sakura cherry blossoms]

In Japan, sakura in bloom is an iconic symbol of spring, with people around the country enjoying cherry blossom viewing. Doing so by picnicking under the sakura trees is a culture unique to Japan.

Spring

Summer

## Summer [ocean]

Surrounded on all sides by the sea, Japan has a richly varied coastline. Japan's waters are relatively warm, with many people enjoying beach activities and swimming in the summer.

# Japan's Culture

## Sushi

Sushi is a traditional Japanese cuisine made from cooked and vinegared rice and other ingredients, mainly raw fish. There are several types of sushi, of which the most famous worldwide is nigiri sushi, the hand-molded sushi, which includes Edomae sushi. Other types of sushi include chirashi sushi (sushi bowls) and temaki sushi (handrolled sushi).

## Onsen [hot springs]

Japan's onsen hot springs are natural groundwater heated by volcanic activity. They are enjoyed by many people for relaxation and wellbeing. Mineral content differs from region to region, offering various therapeutic effects.

## Manga

Japanese manga, rich in stories and characters, are very popular both within and outside Japan. A wide range of genres exist, from those targeted to tweens and teen boys (shonen)and girls (shojo) to youth and adults. The shonen and shojo manga are particularly popular among children and young people.

## Mt. Fuji

Mt. Fuji is the highest peak in Japan, soaring at 3,776 meters. "Fujisan, sacred place and source of artistic inspiration" was added to the UNESCO World Heritage list as a cultural heritage in 2013. There are many tourism sites around Mr. Fuji, and hiking up the mountain is popular during the summer season.

# FUKUI STYLE

## Introduction to Fukui Prefecture (Livability)

Fukui Prefecture has a rich natural environment, surrounded by the ocean and mountains. Famous sights include the Tojinbo Cliffs and the Five Lakes of Mikata. It ranks among the top in Japan in various areas including average life expectancy and children's academic abilities. In the Japan Research Institute's Happiness Ranking of All 47 Prefectures, Fukui came in top for six consecutive times from the 2014 to 2024 editions.

### Time required to travel to JR Fukui Station

- From Tokyo ~3 hrs via JR Shinkansen
- From Nagoya ~2 hrs via JR Shinkansen, limited express
- From Kyoto ~1.5 hrs via JR limited express
- From Osaka ~2 hrs via JR limited express


## Hokuriku Shinkansen

In March 2024, the Hokuriku Shinkansen bullet train that connects Tokyo and the Hokuriku region was extended to Tsuruga City, Fukui Prefecture. With no need to change trains, people can travel between Fukui station and Tokyo station in a minimum of 2 hours 51 minutes. Fukui is now much more accessible from Tokyo and the national capital region.

## Echizen Washi

Echizen Washi is a traditional Japanese paper with a history dating back 1,500 years. Beautiful and durable, it has been known from days of old as the highest quality of Japanese paper. It is now also used as a material for clothing worn by astronauts in space due to its antibacterial and deodorizing properties.

# Industry

## Eyewear

The eyewear production industry of Fukui's Sabae City was born in 1905 as work that can be done in the winter when farming came to a pause. Sabae eyewear now boasts world-leading technology, development and quality, with it said that currently about 96 percent of the eyeglass frames in Japan and 20 percent in the world are made in Sabae.

## Blades

Echizen Uchihamano blades carry on the traditional Japanese heat-forging process, finished by hand. With a history going back some 700 years, Echizen was the first blade production site in Japan to receive national traditional craft designation.

# Tourist Attractions

## Tojinbo Cliffs

These dramatic cliffs rise more than 20 meters above the rough waves of the Sea of Japan that carved them. The 1.5-kilometer coastline they form is one of the world's most magnificent sights. A sightseeing boat ride is a great way to experience this nationally designated place of scenic beauty from a different, even more stunning angle.

## Eiheiji Temple

This Zen temple was founded in the year 1244 by Dogen Zenji, the founder of the Soto school of Zen Buddhism. Centering on the temple's seven main buildings, there are over 70 large and small structures where, even today, some 180 Buddhist monks devote themselves to training in the rigorous practice of Zen Buddhism. This is Japan's largest training site for Zen Buddhism.

## Dinosaur Museum

Fukui Prefecture is called the Dinosaur Kingdom because it accounts for about 80 percent of Japan's dinosaur fossil excavations. The Fukui Prefectural Dinosaur Museum located in Katsuyama City, home to Japan's largest dinosaur fossil excavation site, is one of the world's top three dinosaur museums, and is very popular among dinosaur fans.

# Dining

## Echizen Gani

Echizen gani crabs, caught in Fukui, are famous nationwide, and are even considered a delicacy fit to be presented to the Imperial Family. Enjoy their rich flavor and firm meat from November through March, when they are in season. The yellow tag is proof of their authenticity.

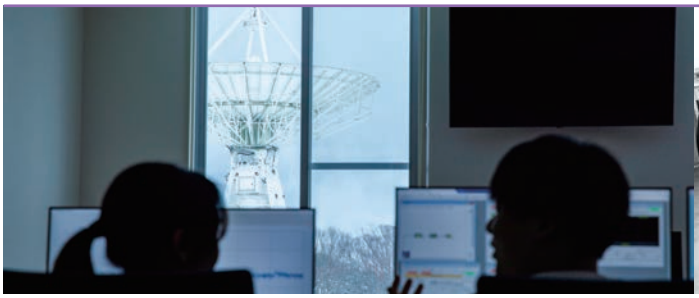
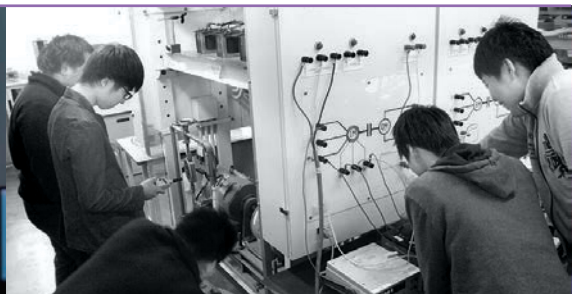
## Echizen Oroshi Soba

Echizen Oroshi Soba is a local traditional food of Fukui Prefecture, eaten mainly the Reihoku region, which dates back to over 400 years ago. Cold soba noodles are topped with grated Japanese radish, bonito shavings and chopped green onions. Taken cold even in the winter, this can also be eaten as toshikoshi soba, which is traditionally eaten on New Year's Eve.

## Sauce Katsudon

Sauce Katsudon is Fukui's soul food. Breaded and deep-fried pork cutlets are dipped in a Worcestershire-based sauce and topped on rice. The flavor is defined by the sauce, which differs from restaurant to restaurant, and this uniqueness is what charms its fans.

# – Faculty and Department

Faculty of Engineering

## Department of Electrical, Electronic and Computer Engineering

### From electrical, electronic, and computer engineering to space and global environment. Learning that leads to various fields.

Electrical, electronic and computer engineering are indispensable technologies that support our lives. These technologies are applied to all fields, from robots and automobiles to energy systems, satellites, and even agriculture, and engineers in this field are required by business enterprises in various industries. In our department, students will learn the basic knowledge of these technologies from both hardware and software. In addition, the practical curriculum, including extensive chances of experiments and FUT's original projects, will steadily develop the skills required for engineers in society.

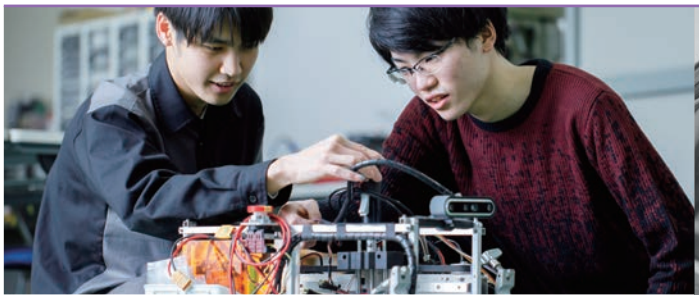
Introduction of Course

### Electrical and Electronic Engineering Course

Students learn broadly about electrical and electronic engineering from the basics to their applications in this course that cultivates engineers who can answer needs in the areas of electric power systems and electrical equipment, and manufacturing industry and plant engineering.

### AI, IoT and Space Course

Students learn about both the software and hardware of AI and information technology in this course that cultivates engineers who can play active roles in companies and contribute to society by solving issues in the fields of information, communications, and space.




Faculty of Engineering

## Department of Mechanical Engineering

### The real joy of "monozukuri" to create new things for the world.

Mechanical engineering is indispensable for our lives in civilized society. It is not too much to say that technology of mechanical engineering, which supports manufacturing of various products as well as the creation of new machinery products, plays fundamental roles in "monozukuri". Our department will train students to acquire a broad range of basic knowledge, from development to manufacturing and to take the initiative in tackling the most advanced issues on their own. We cultivate engineers with response capability demanded by the times through extensive experiments and practices, where students can experience the real joy of "monozukuri".

Introduction of Course

### Mechanical Systems Course

Students will learn areas especially at the core of mechanical engineering and master the basics of all fields of industry necessary to design things in the real world, including energy conservation, global environment, health, and IT.

### Vehicle Systems Course

Automobile industry continues to innovate daily in the fields such as improvement of safety and concern for the environment. Students will acquire the specialized knowledge and skills to play active roles in these fields and we will train students who can lead the future of automobile manufacturing.

Faculty of Engineering

# Department of Architecture and Civil Engineering

## The field is related to housings and lifelines directly serving for people's lives.

The attraction of this field is to support people's lives and remain for decades to come. The field is worthwhile and fulfilling where we engage in structures architecture such as houses and buildings, roads, bridges, etc. In our department, we train experts who have both architectural and civil engineering knowledge and can play an active role in various fields. We foster excellent human resources capable of responding to a diversified society by capturing things from various viewpoints, such as disaster prevention, cooperation with local communities, and a sense of beauty.

Introduction of Course

### Architecture Course

Students acquire specialized knowledge to create comfortable, safe, and beautiful architecture after learning the fundamental knowledge. We train students to become engineers who can play active roles in various fields related to architecture and structure engineering.

### Civil Engineering Course

Japan has experienced numerous natural disasters due to natural and geographical conditions. Students learn mechanisms of occurrence of natural disasters and acquire basic knowledge and technologies to develop disaster resilient and functional social infrastructures.

Faculty of Engineering

# Department of Applied Nuclear Technology

## Pioneering a carbon-neutral society with innovative energy technologies.

Only two universities in Japan have nuclear power departments in their names. Among them, our department, as a pioneering department specializing in nuclear power and radiation, develops technologies in the fields of nuclear power and radiation, and we train students who are capable of maintaining and developing safe energy technologies. We keep a small class and provide practical education. We also thoroughly support students to acquire qualifications. We aim to train “face-to-face engineers” by cultivating not only skills and knowledge, but also communication skills and moral philosophy.

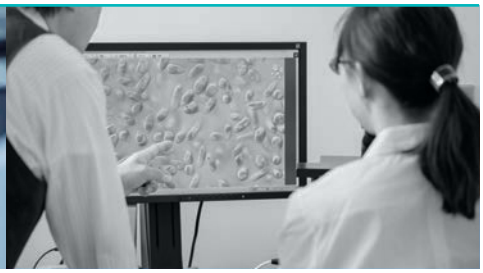
Introduction of Course

### Nuclear Engineering Course

We offer a broad range of learning mainly on nuclear energy. Students will acquire basic knowledge of mathematics, physics, chemistry, radiation, etc., as well as specialized knowledge in nuclear technology. Students will learn the most advanced nuclear technology.

### Applied Radiation Course

Students will acquire expertise in applied radiation technologies including basic subjects such as radiation chemistry, biology and physics, and aim to become engineers who can play an active role in a broad range of radiation application fields such as industry, agriculture and medical services.

Faculty of Environmental Studies

# Department of Applied Chemistry and Food Science

**Through education and research focusing on chemistry, our department trains students who will contribute to improving the environment and eradicating hunger, in preparation for the next generation of SDGs.**

Many challenges exist on the earth, such as environmental issues, disparities between developed and developing countries, poverty and hunger, etc., and the sustainable development of the earth requires solutions to these issues. In 2015, the United Nations formally adopted the SDGs (Sustainable Development Goals), challenges that must be addressed by the whole world to create a brighter future. The SDGs are composed of 17 goals, including environmental, energy, and food issues, many of which “chemistry” can contribute to.

Introduction of Course

## Environmental Chemistry Course

Students will learn various chemical fields such as organic chemistry and analytical chemistry from the basics, and acquire applied skills related to research and development, including the development of renewable energy and functional materials. Through participation in cutting-edge research, we will train students who can contribute to the SDGs.

## Biochemistry and Food Science Course

Students will learn various life science fields such as biochemistry and biotechnology from the basics, and acquire applied skills related to research and development of component and metabolic utilization of microorganisms, animals and plants, etc. Through participation in cutting-edge research, we will train students who can contribute to the SDGs.


Faculty of Environmental Studies

# Department of Design

**Incorporate design into daily life. Enrich your life with the power of design.**

The importance of design is increasing in our daily lives today. The traditional manufacturing methods of mass production and mass consumption are being reevaluated and the creation of new value through design is being demanded. Our department offers a wide variety of practical courses starting from the first year, ensuring the practical education that allows students to use their own hands thoroughly. Furthermore, students can select from six different study models according to the future career path, aiming to nurture designers who can create the new lifestyle culture and enrich people's lives.

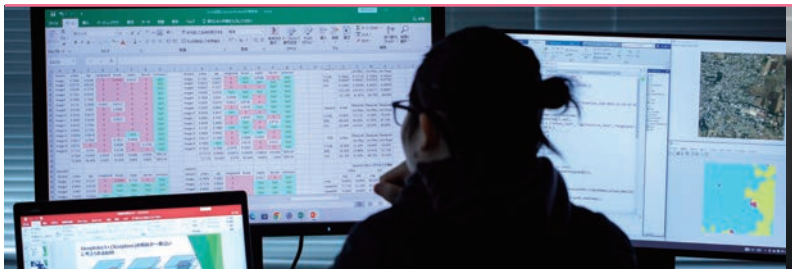
Introduction of Course

## Urban and Architectural Design Course

Students will learn how to plan and design our living environment comprehensively, from large scale things such as cities, transportation and architecture, to familiar items such as interiors, furniture and tableware.

## Media Design Course

Training designers and creators of graphics, web, movie, etc. We live in an era when information from a variety of media is everywhere. We train students to be active on the front lines of media production.




Faculty of Management and Information Sciences

# Department of Management and Information Sciences

### Acquiring knowledge and skills necessary for the business world.
### Learning through integration of social and data/information sciences.

In our department, students acquire specialized knowledge and skills essential for solving real-world problems in business and society—transcending the traditional boundaries between the sciences and the liberal arts. Students can explore ICT topics such as artificial intelligence, machine learning, multimedia computing, and cyber/physical systems. They also gain business management knowledge in areas like marketing and finance, and study statistics for data analysis and economics for policy-making, tailoring their learning to their own interests and goals. Our department fosters each individual student who will address diverse challenges in businesses and communities through the integration of social and data/information sciences.

Introduction of Course

## Data Science Course

This course offers a distinctive curriculum covering artificial intelligence for multimedia computing and natural language understanding, IoT systems for addressing social issues and revitalizing regional industries, and programming skills for effective digital transformation. Students also learn to develop digital applications that enhance everyday life and engage in social and ethical discussions surrounding AI and ICT. We cultivate data science experts who will lead the next generation of innovation.

## Management Systems Course

In today's business and administrative environments, data-centric decision-making and policy formulation are increasingly vital. This course covers key areas such as marketing, finance, logistics, economics, and policy science, including practical data analysis techniques such as statistics, operations research, and multivariate analysis. We nurture students who will contribute to their local communities through data-centric analysis and creative problem-solving.


Faculty of Sports and Health Sciences

# Department of Sports and Health Sciences

### The department aims to develop individuals who will play an active role in the sports and health industry and serve as sports leaders in the community.

In this department, in addition to basic subjects such as physiology, kinesiology, nutrition, biomechanics, and coaching, students study measurement of physical performance and ability, data processing, analysis, and evaluation using engineering methods. Students can also take other lectures related to sports business and experience how to manage sports events and how to operate and manage sports facilities through student-led projects, aiming to become professionals who can respond to a wide range of markets in the sports industry. Alternatively, to become a fitness instructor or coach for all life stages from children to the elderly, students can study theories and methods of exercise instruction for children's growth and development and for the physical fitness of the elderly, and how to coach competitive athletes.

Introduction of Course

## Sports Industry Course

Students will learn the knowledge and skills necessary to be active in industries related to sports and health. As a result, students will develop scientific, engineering, and managerial ideas and acquire a sports business mindset.

## Sports Leader Course

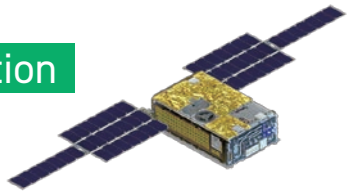
Students will learn the theory of sports health science and acquire the practical skills necessary for instruction. The program develops human resources for fitness instructors and coaches who can provide exercise instruction and coaching tailored to the purpose (e.g., improving athletes' competitive performance, maintaining and improving the health of the elderly, etc.).

## Competitive Sports Course

Students will connect subject knowledge to their own athletic activities in order to improve their competitive performance. By developing self-management skills, goal-setting skills, and the ability to apply scientific knowledge, students become athletes or professionals in a variety of fields.

# Research introduction

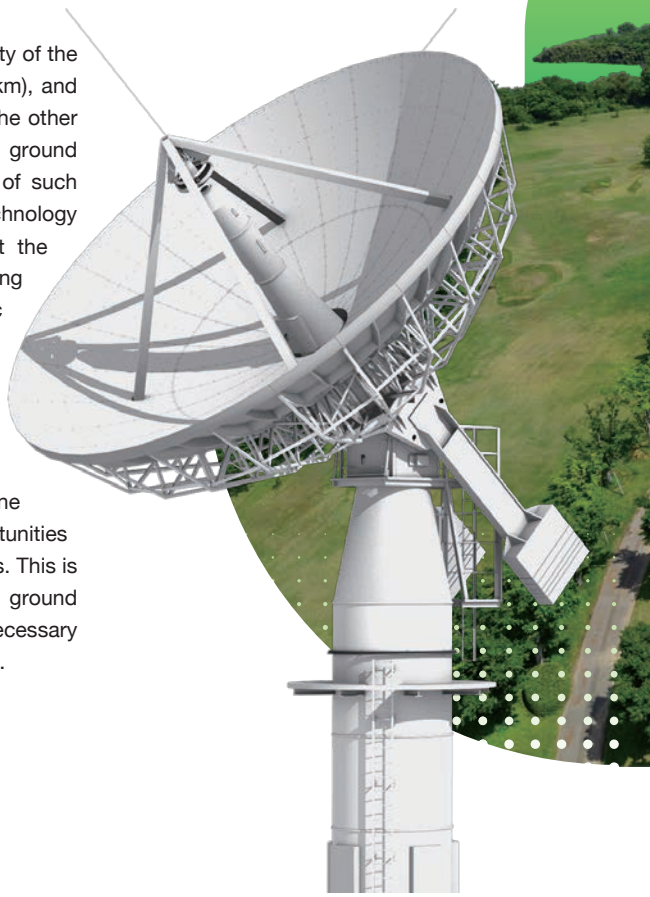
## Development of space communication ground station to enable operation of satellites and explorers from Earth orbit to around Lunar orbit



JAXA EQUULEUS satellite
Image courtesy of the University of Tokyo

In recent years, human space activities have been expanding from the vicinity of the Earth (altitude of about 500 km) to the Moon (distance of about 400,000 km), and many missions by artificial satellites and explorers are being planned. On the other hand, there is a lack of ground antenna systems (space communication ground stations) to control these satellites and explorers, and the development of such systems has become an issue. Against this backdrop, Fukui University of Technology installed a 3.9-meter-diameter parabolic antenna system〈Figure 1〉 at the Awara Campus in August 2022, mainly for the operation of satellites orbiting near the Earth, and is currently developing a 13.5-meter-diameter parabolic antenna system mainly for the operation of lunar explorers〈Figure 2〉. The space communication ground station consisting of these antenna systems will be the only space communication ground station in Japan other than JAXA that is capable of operating satellites and explorers from Earth orbit to lunar orbit.

Due to the limited number of antennas, the existing large antennas alone cannot provide the necessary communication and operational opportunities required to meet the increasing demand for future lunar exploration missions. This is a unique initiative to develop a low-cost, compact space communication ground station that is suitable for multiple deployments and can create the necessary communication and operational opportunities, ahead of the rest of the world.



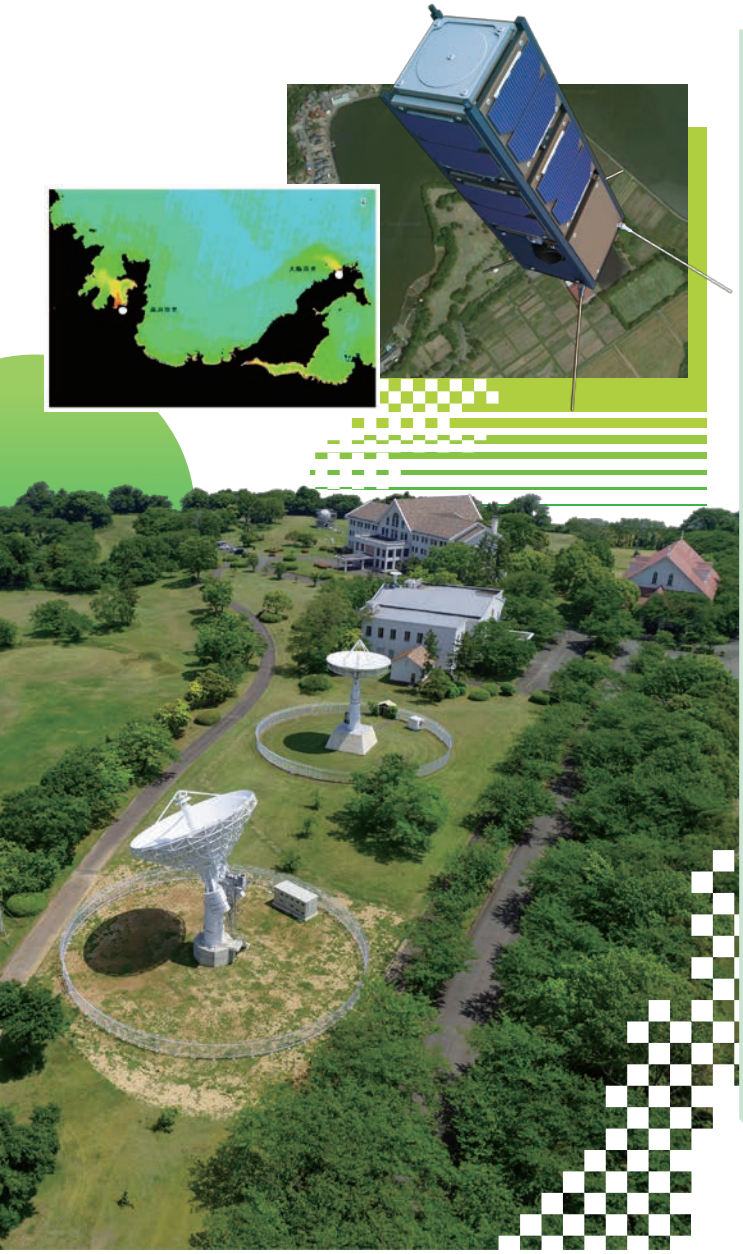
## Research Theme

### "Measuring the local environment and creating social value using satellite data"

The importance of shifting to a data-driven society, i.e., one in which various decisions are made based on the collection, accumulation, and analysis of data with the goal of creating social value, has been recognized. In recent years, the utilization of Earth observation data by Earth-orbiting satellites has been attracting attention, and we are conducting research on the measurement of the local environment that leads to the creation of social value using satellite data.

As an example, we are developing a light pollution effect visualization system using satellite data. Japan is one of the most light-polluted countries in the world, and 70% of its citizens live in areas where the Milky Way is not visible. In recent years, efforts to utilize the beautiful stay skies for regional revitalization have been

〈Fig.1〉 Aperture 3.9m parabolic antenna system



## MESSAGE

A Place That Connects Earth and Space: The Satellite Ground Station.

Once satellites are launched into space, we can't touch them—but we can still talk to them. That's where satellite ground stations come in. These stations on Earth send and receive signals to and from satellites, making space missions possible.

At the Fukui University of Technology Awara Space Center, we train future engineers who support space exploration through communication and satellite operations.

Our center has a real, commercial-level ground station that works with satellites from JAXA (Japan's space agency) and private space companies. Here, university students gain hands-on experience by operating real satellites—skills that are directly useful in the space industry.

You can also take part in cutting-edge research, like using AI (artificial intelligence) and software-defined radio to create next-generation ground station systems, or studying how to use satellite data for science and society.

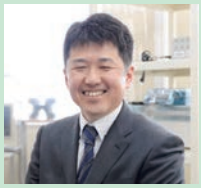
Our goal is to help you become an engineer who not only has strong technical skills but also understands the big picture of how space systems work.

Do you dream of working with space? Come study with us at the Fukui University of Technology Awara Space Center, and take your first step toward a future in the space industry.

**Tomoyuki Nakajo**

Professor,
Fukui University of Technology Professor
at Fukui University of Technology

Doctor of Science



gaining momentum, and there is a need to promote measures against light pollution, but progress has not been made because it is difficult to understand the effects of light pollution and the effectiveness of light pollution countermeasures. As a solution to this problem, we are working on the development of a visualization system for light pollution effect that combines satellite data with data from ground-based instruments. So far, we have (1) developed a 2.5-dimensional light propagation model to derive the effect of light pollution effect on night sky brightness, and (2) Simulations combining this model with data from satellites and ground-based instruments showed that the value of the starry sky in the Ouketsu region of Fukui Prefecture could be upgraded from the current silver to gold if the upward light leakage from outdoor lighting in the region could be reduced by 30%.

〈Fig.2〉 Aperture 13.5m parabolic antenna system

# Considering Public Transportation and Land Use That Match Population Decline and Other Changes in Social Structure

Since around the 1960s when Japan entered its period of rapid economic growth, many people began using cars on a daily basis, with a focus on pursuing efficiency and convenience. In recent years, however, as social structure changes with the aging and shrinking population, it has become necessary for us to shift values from quantity to quality, and place greater importance on the human dimension (human scale). The task on hand is to reduce the size of our growing cities and renew them into communities where people can move about on foot. Today, public transportation is said to be indispensable for urban development that improves the quality of people's lives. The use of railways and renewal of the area around central railway stations are now being studied by the national government and local governments as well. I believe that responses and solutions to such social challenges can also be applied in countries overseas.


## Research Theme

### "Land Use Around Railway Stations and Urban Development Centering on Stations"

With the key words of “public transportation and land use,” my research focuses on “regional cities.” Valuing the local features and character of regional cities, I am conducting research to propose evaluations based on criteria that place importance on effects unique to respective regions, in addition to criteria such as profitability, which is used in evaluation of metropolitan areas.
Specifically, I studied the situation of land use within a 500-meter radius of JR and local railway stations in the Reihoku area of Fukui Prefecture. The data was analyzed and classified into groups, with the

A scale model of the proposed area development around Mikuni Station was prepared as a student assignment. This helped make the proposal more concrete and also deepened the understanding of the students.

## MESSAGE

In classes and research on town development, we analyze the current situation from both the results of surveys on local residents (qualitative evaluation) and objective data such as the results of various past statistical studies and the actual structure of the town (quantitative evaluation). Based on this analysis, we consider the elements necessary for town renewal and present a vision and direction to the local government and other stakeholders. Students participate in the collection and analysis of materials and data necessary for the evaluation, and we also make proposals that not only concern hard infrastructure, but also soft infrastructure. For example, regarding the area around Mikuni Station on the Echizen Railway, in order to study how to connect the station to the historic townscape area, fieldwork and collection of data on the area around the station were first conducted to grasp the current situation, and then a final plan and concrete proposal for renewal of this area were formulated. In addition, leveraging the characteristics of our Department of Design, signs to facilitate strolls around the town were also designed in collaboration with students majoring in other fields (media/product design). In my research lab, we are able to communicate closely with the local residents and hear local views and the opinions of those in various positions. Since there are also many opportunities for practical studies, my lab offers an environment where students can approach learning and research with even greater enthusiasm.

**Jun Mitera**

Professor, Faculty of Environmental and Information Sciences, Department of Design
Doctor of Engineering
Director, Urban Design Center

directionality, as well as developments and measures that should be given priority, also presented. I also make proposals to the local governments on how existing stock, such as station buildings and surrounding facilities, could be utilized. A recent activity promoted with students is a study on the renewal of the area around Mikuni Station on the Echizen Railway. With its Edo and Meiji period streets, this area retains an atmosphere that conveys the old port town's history. From the perspective of town development that leverages this characteristic, the town structure and townscape were viewed objectively and quantitative surveys such as examining the number of people walking through the town were also conducted. This project is now being advanced while holding ongoing discussions with the local community.

As part of the development of the area around Mikuni Station, a map including sightseeing spots was prepared and installed in front of the station.

# Graduate School of Engineering


## Department of Applied Science and Engineering

(Master's Course / Doctoral Course)

The five courses of Electrical, Electronic and Computer Engineering, Space Information Science, Mechanical Engineering, Environmental and Biological Chemistry, and Nuclear Technology Application have been established, and education and research are conducted in each course's field of specialization. In the Master's Course, we cultivate highly creative engineers who have broad perspectives and high levels of specialized knowledge and skills, capable of raising and solving new issues. In the Doctoral Course, we cultivate engineers and researchers who have specialized knowledge and application and research capabilities to respond to the tremendous developments in science and technology in the fields of core or cutting-edge science and engineering.

- Electrical, Electronic and Computer Engineering Course
- Space Information Science Course
- Mechanical Engineering Course
- Environmental and Biological Chemistry Course
- Nuclear Technology Application Course

## POINTS

1. Bilingual courses : All courses are given in Japanese / English for international students.
2. Admission applications accepted for the Spring semester (starting April) and the Fall semester (starting September).
3. Courses are available for privately financed international students.

# Department of Social System Engineering

(Master's Course / Doctoral Course)

The five courses of Civil Engineering, Architecture, Design, Management and Information Sciences and Sports and Health Sciences Course have been established, and education and research are conducted in each course's field of specialization. In the Master's Course, we cultivate highly creative engineers who have broad perspectives and high levels of specialized knowledge and skills, capable of raising and solving new issues. In the Doctoral Course, we cultivate engineers and researchers who have specialized knowledge, application, and research capabilities. Our graduates can contribute to the creation of "value for life" culture, production, the environment and information through the planning, construction, maintenance, and design of architecture and social infrastructure, project management, and purpose in life and health through sports.

- Civil Engineering Course
- Architecture Course
- Design Course
- Management and Information Sciences Course
- Sports and Health Sciences Course

# – Financial Support

## Tuition Fees

### Payment due for Undergraduate Students

**First Year** ····· **930,000 yen** ※Standard Fee
1,610,000yen (Faculty of Engineering, Faculty of Environmentology, Faculty of Management and Information Sciences)
1,580,000yen (Faculty of Sports and Health Sciences)

**From Second Year** ····· **680,000 yen** ※Standard Fee
1,360,000yen (Faculty of Engineering, Faculty of Environmentology, Faculty of Management and Information Sciences)
1,330,000yen (Faculty of Sports and Health Sciences)

### Payment due for Graduate Students (Master's Course)

**First Year** ····· **535,800 yen**
※Standard Fee :871,000 yen

**From Second Year** ····· **535,800 yen**
※Standard Fee :871,000 yen

### Payment due for Graduate Students (Doctoral Course)

**First Year** ····· **170,000 yen**
※Standard Fee : 871,000 yen
The first year fees of students who have graduated from Fukui University of Technology or have completed the Master's Course program at the Graduate School of Fukui University of Technology will be zero.

**From Second Year** ····· **0 yen**
※Standard Fee : 871,000 yen

## For Undergraduate Students

### Scholarship for Privately Financed International Students

International undergraduate students who have passed the privately financed international students entrance examination (international students who have a "Student" status of residence and are not government-funded international students) and are scheduled to be enrolled in FUT will be exempted from paying half of the first year's tuition fees after a selection process.
Review of scholastic performance and other conditions for continuance of this scholarship will be held at the end of the academic year. If criteria for continuation are fulfilled, half of the tuition fees will be exempted in the following academic year as well. Tuition fees can be reduced for a maximum of four years from university admission if the criteria for continuation are met each year.

**Criteria for continuation**
All of the following criteria must be fulfilled
(1) Annual acquisition of at least 30 credits (96 credits or more by the end of the third year).
(2) Recommendation received from a faculty member or the supervising faculty after an interview conducted at the end of each semester, and confirmation obtained of the student's desire to continue studies.

## For Graduate Students

### Master's Course / Scholarship for Privately Financed International Students

For students scheduled to be admitted to the Graduate School Master's Course under the examination for selected privately financed international students (international students who hold a student visa and are not nationally financed international students), the difference between the first year fees of Fukui University of Technology and the standard tuition of national university graduate schools will be exempted after a selection process. At the end of the academic year, an evaluation of scholastic achievements and other matters will be held to consider the possibility of continuing the exemption. If the conditions are satisfied, the difference between the Fukui University of Technology's fees and the tuition of national university graduate schools will be waived in the next academic year as well.

**Conditions for continuation**
Both of the following criteria (1) and (2) need to be fulfilled.
(1) A student who has acquired 20 credits or more by the end of the first year of the Master's Course program
(2) A student who is recommended by the supervisor or faculty in charge, following an interview conducted at the end of each term, and whose intention to continue studying can be confirmed.

### Doctoral Course / Scholarship for Continuing Studies at Graduate School

For students scheduled to be admitted to the Doctoral Course, all of the university's first year fees will be exempted after a selection process. At the end of the academic year, an evaluation of scholastic achievements and other matters will be held to consider the possibility of continuing the exemption. If the terms for continuation of the exemption are fulfilled, all fees to be paid to the university for a maximum of three years, the standard number of years of study, will be exempted.
*Students who have not graduated from Fukui University of Technology or have not completed the Master's Course program at the Graduate School of Fukui University of Technology shall pay facility fees for the first academic year only (170,000 yen).

## Scholarship Stipends for Privately Financed International Students

### for Undergraduate Students

Privately financed international students in at least the second semester of their first year who acquired a good academic record in the previous semester, are accepted as scholarship students and receive a monthly stipend of 30,000 yen.

### for Graduate Students

Privately financed international students enrolled in all years of the Graduate School who have shown exceptionally high academic performance will be given a monthly scholarship stipend of 30,000 yen. The period for payment of the scholarship will begin from the term during which the application was made and will cover only that school year. However, for students who have entered the Graduate School of Fukui University of Technology from another university or for recurrent education, the period of payment will be from the second year of the Graduate School. For selection as a scholarship student, for the Master's Course, undergraduate academic achievements will be subject to review, and for the Doctoral Course, academic performance in the Master's Course will be subject to review.

# – Affiliated Facilities

## International Center

This center is the hub of our university's international exchange and supports international students.

### The purpose

#### 1. Promotion of International Exchange

We aim to enhance FUT's international program through initiatives such as the promotion of cultural exchange between faculty and students and through collaborative research with overseas partner universities.

#### 2. Promotion of Acceptance of International Students

We provide international students with assistance in matters such as Japanese language studies and consultation on daily life after they enter our university. FUT currently has over 100 international students. We aim to build an environment where they can fully enjoy their lives and studies here.

### Greeting

**We aim to foster "global" minded students through cross-cultural experience.**

The International Center undertakes three major roles:

First, the promotion of international exchange: We signed cooperative agreements with 16 overseas universities and are promoting the exchange of students and faculty members through various activities such as holding joint seminars.

Second, the acceptance of international students and their continued support after admission: We provide various opportunities for the understanding of Japanese culture and for the improvement of their Japanese language ability.

Third, holding activities and events that bring individuals from various nations together: This aims to give students a deeper understanding of different cultures while encouraging a globalized way of thinking. This gives our domestic students the best chance to succeed while studying abroad or participating in overseas internships. In short, through these roles, we contribute to the fostering of "global" minds capable of working to cherish traditions worldwide.

Professor
Dr. Bradford Lee, Ed.D.
Director of the International Center

### Academic Cooperation Agreements with Overseas Educational Institutions

| Institution | Countries & Regions | Signing dates |
|---|---|---|
| Catholic Kwandong University | South Korea | Feb. 24, 1983 |
| Central South University | China | Jun. 15, 1985 |
| Glyndwr University | UK | Jun. 26, 2009 |
| University of Ontario Institute of Technology | Canada | Jun. 29, 2011 |
| The University of Da Nang | Vietnam | Jun. 1, 2012 |
| Ministry of Education and Training, International Education Department, Vietnam | Vietnam | Feb. 20, 2014 |
| Ho Chi Minh City University of Technology | Vietnam | Jul. 28, 2014 |
| Myongji University | South Korea | May. 27, 2016 |
| Southern Cross University | Australia | Aug. 5, 2016 |
| Valaya Alongkorn Rajabhat University | Thailand | Mar. 17, 2017 |
| California State University San Marcos | USA | Mar. 26, 2018 |
| Lampang Rajabhat University | Thailand | Feb. 24, 2020 |
| King Mongkut's Institute of Technology, Ladkrabang | Thailand | Apr. 30, 2021 |
| Rajamangala University of Technology, Lanna | Thailand | May. 12, 2022 |
| University of Hawai'i at Mānoa | USA | Jun. 7, 2023 |
| Southern Taiwan University of Science and Technology | Taiwan | Jun. 26, 2023 |

# – Student Support

## University Entry Support

Students may feel anxious about living in a land far away from their home country.
We will provide various means of support to ensure their smooth entry to the university.

### Language of Instruction

**Undergraduate Course**
As all courses are given in Japanese, those who wish to enroll must have proficiency in Japanese.

**Graduate Course**
All courses are given in a bilingual manner (Japanese / English) for international students.

### Support for Procedures to Enter the Country and the University

International students enrolling in Fukui University of Technology will need to go through procedures to enter the country and the university.
We will support students in preparing the necessary documents and application procedures.

### Introduction to Designated Dormitories, Boarding Houses, and Apartments

We provide information on designated dormitories, boarding houses, regular apartments and condominiums according to the wishes of the student.

## Daily Living Support

With support from staff and various international center events,
FUT provides a reassuring and enjoyable environment for international students.

### Mental healthcare at the Student Counseling Office

A counselor (clinical psychologist) is always available at the Student Guidance Center to discuss any matters the student may have such as mental or physical problems, or problems in daily lives. Personal informations are always confidential.


4 Apr.
Orientation for new international students


Welcome party for new international students


1 Jan. 6 Jun. 10 Oct.
Cultural exchange

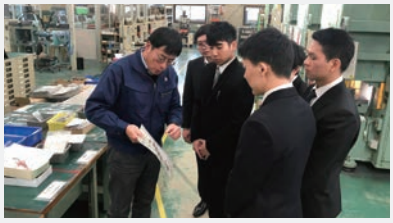

7 Jul.
First semester cultural experience studies (making soba noodles, Japanese paper)


Pre-summer break orientation


10 Oct.
University festival

# Employment Support (Career Center)

The Center provides various forms of support to international students so that they can find their best place of employment. This support includes providing information on position offers, holding a company information meeting, and giving individual guidance to the students on how to choose the target company.



## Providing Substantial Information on Employment

Information on companies from each kind of category is provided by capitalizing on the university's network.

## Employment Seminar

Students can learn about the circumstances of job hunting in Japan, recruitment schedule, application methods, how to write a resume, and more.

## Class on Job Hunting Activities for Foreign Students

Students can learn about what points to be careful of when writing their entry sheet and resume.

## Holding Joint Job Fairs on Campus

Joint job fairs gathering together good standing companies from within and outside the prefecture are held on campus.

## Company Visits

Visit companies to learn about the company and view the manufacturing process, etc.

## Providing Fulfilling Internship Opportunities

Internship opportunities are provided to give students on-the-job experience in companies.

## Individual Guidance

A career counselor assigned to each student provides personalized guidance.

## Various Events for International Students

Many events are scheduled for international students during the year. These are sure to be worthwhile events where students can experience Japanese culture and interact with friends.





# – Student Support

## International Club, an Active International Student Circle at FUT

The International club was established with the purpose of promoting a place where international students can easily gather together to exchange across nationalities. International students from various countries and regions regularly gather to work on the planning or management of various events.
At the welcome party for new international students in April, members from the club played a central role in everything from preparations to the day managements. International students gathered to celebrate the admission of new students to FUT. In November, the club participated in a festival held in the area. Club members held an event to introduce their native languages to local residents and opened food stalls to introduce the food culture of their home countries.
FUT also has many other events such as Christmas party and the ski and snowboard experience, and this club is actively involved in management of these events. Through these activities, the club is deepening the bonds between international students while also focusing on interaction with Japanese students.

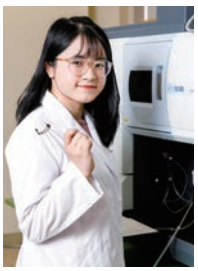

University festival

Welcome party for new international students


Interaction with community residents

Christmas party

## Student's VOICE



**Nguyen Hai Giang**
**(from Vietnam)**

Department of Applied Science and Engineering (Master's Course)
Environmental and Biological Chemistry Course (second year)

In order to improve the water quality of polluted rivers in my home country, I am conducting research to enhance the sensitivity of ICP-OES instruments that analyze water quality using plasma. This instrument has difficulty measuring substances in water when they are present in low concentrations, but I have found that its sensitivity improves when a thin metal plate is placed between the coil and discharge tube that generates plasma.
I came to Fukui more than five years ago. I am able to lead a tranquil life because of the quiet and safe environment here. The people of Fukui are very kind. When I have a question at the convenience store where I work part-time, I can ask other staff without hesitation, and they are very helpful. I would like to continue living here, and so I am now looking for a job in Fukui.

# FUT DATA

## Enrollment of International Students

※As of May 2025

| Area of Origin | Vietnam | China | Malaysia | Thailand | Myanmar | Mongolia | Indonesia | Bangladesh | Sri Lanka | Pakistan | Russia | Democratic Republic of the Congo | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Undergraduate** | | | | | | | | | | | | | |
| First years Students | 4 | 4 | 0 | 0 | 8 | 8 | 3 | 2 | 3 | 0 | 0 | 1 | **33** |
| Second years Students | 5 | 8 | 1 | 0 | 3 | 4 | 1 | 2 | 0 | 0 | 1 | 0 | **25** |
| Third years Students | 8 | 8 | 2 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | **22** |
| Fourth years Students | 9 | 10 | 3 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | **28** |
| **Graduate** | | | | | | | | | | | | | |
| First years Master's Students | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | **8** |
| Second years Master's Students | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **4** |
| First years Doctoral Students | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Second years Doctoral Students | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Third years Doctoral Students | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | **3** |
| **Total** | **27** | **37** | **7** | **6** | **14** | **14** | **7** | **6** | **3** | **1** | **1** | **1** | **124** |

# About FUT

## Founding Spirit

We cultivate a spirit of patriotism being rooted in the long-established history and tradition of the Japanese, foster individuals who value fidelity to principle, devote ourselves to our studies of science and technology, and thereby contribute to the welfare of human society.

## Message

**Dr. Ken Kanai**
Chairman of the Board of Trustees,
Kanai Educational Institution.

### from the Chairman

**We are committed to turning out competent engineers who will flourish on the global stage.**

Living in the 21st century, we must diligently maintain our endeavors to promote a diverse dialogue between civilizations to gain the power to connect people and hearts across borders and oceans. As a result, we can further accelerate worldwide solidarity in education to ensure a continued succession of turning out judicious and wise highly skilled engineers. We believe this is how peace in the world can truly be achieved. The mission of our University and the foundation of our education are based on this belief. Here, at Fukui University of Technology, we are committed to producing competent engineers who will flourish on the global stage.

## History

**1949**
- Hokuriku Electrical School established in Fukui City.

**1965**
- Fukui University of Technology was approved for establishment. (Department of Electrical Engineering, Department of Mechanical Engineering).

**1966**
- Department of Architecture and Civil Engineering established.

**1973**
- Department of Applied Physics established.

**1985**
- Graduate School of Engineering established.

**1987**
- Department of Management Science established.

**2002**
- Cooperative Research Center (CRC) opened.

**2005**
- Department of Applied Nuclear Technology established.

# Educational Motto

Fukui University of Technology strives to nurture engineers who are learned and cultured with a deep respect for human dignity, have a high level of scientific knowledge and technological skills that can build lives in harmony with nature, and who can act creatively on their own initiative to contribute to the development of the human society as well as to the wellbeing of humankind.

**Dr. Tomoyuki Kakeshita**
President, Professor,
Fukui University of Technology

## from the President

**The heart of FUT's success resides in a team of outstanding faculty, staff, and administration members that is dedicated to the students with the motto "all for the students".**

Founded by the Kanai Educational Institution in 1965, Fukui University of Technology (FUT) has produced a list of more than 30,000 alumni who have consistently made contributions in their professions. The heart of FUT's success resides in a team of outstanding faculty, staff, and administration members that is dedicated and committed to the students with FUT's mission statement "all for the students". Given the dramatic speed of becoming more and more borderless in the 21st century, FUT is committed to providing an international community of learners with relevant undergraduate and graduate programs where our diverse faculty strives to help students explore their possibilities, ideas, and perspectives to prepare them for their future careers. Students can pursue their interests in a variety of disciplines under the elaborate guidance of a professor whom they choose to work with. Our academic programs include a range of educational trainings that are practice-oriented and yet rooted in basic theory to help prepare students to succeed in their chosen careers. A characteristic feature of our curriculum is that it is designed for students to be able to develop innovative ways of thinking based on scientific theories rather than to be merely loaded with superficial knowledge. I am pleased to have the opportunity to work closely with you on the FUT campus.

**2009**
- Department of Design established.

**2011**
- Department of Industrial Business and Engineering established.

**2015**
- Faculty of Environmental and Information Sciences and Faculty of Sports and Health Sciences established.
- Completion of FUT Awara Gymnasium on the Awara campus.

**2017**
- Completion of Kanai Educational Institution Gymnasium.

**2018**
- Completion of Kanai Educational Institution Butokuden Martial Arts Hall.

**2019**
- AI & IoT Center opened.

**2022**
- Community Design Center opened.
- Wellness & Sports Science Center opened.

**2023**
- Faculty of Management and Information Sciences established.
- FUT Future Robotics Center opened.

**2024**
- Awara Space Center opened.