



# Your First Step to a Future of Innovation

International Undergraduate Programs  
*in English*

Applied Chemistry  
Civil Engineering  
Electrical Engineering and Computer Science  
Mechanical and Aerospace Engineering





# Your First Step to a Future of Innovation

It was said a thousand years ago that every journey begins with a single step. This is as true in today's world of technology as it was then, and we invite you to take your first step with the Engineering Department at Kyushu University. Start as you mean to go on, utilizing the unique education and research environment to lead your personal journey to become a future innovator and achieve your ultimate potential.



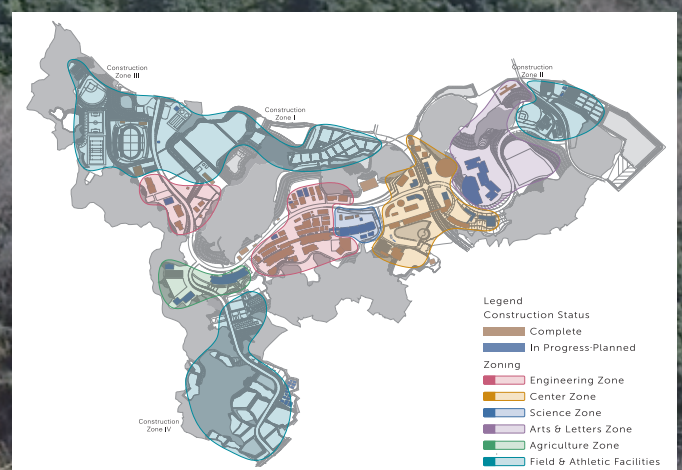


## About Kyushu University

Kyushu University was founded in 1911 as one of the seven imperial universities in Japan. Since then, it has distinguished itself as a highly-reputed research university, not just in Japan but throughout Asia. The university has 11 undergraduate departments as well as 18 graduate schools and their affiliated research centers, covering a wide range of disciplines. However the university's main strengths lie in the field of science and engineering, through active and innovative research that has led to a ranking of 79th in the World's Most Innovative University 2016 by Reuters. The university also has been implementing major reforms in research, education and governance to promote further internationalization of the campuses to establish a top-level research and education hub to attract the world's leading minds.

### Ito Campus: Campus of 21<sup>st</sup> Century

The University is currently at the final stage of relocating to the new flagship campus Ito campus, which will be, upon completion, the largest campus in Japan. The campus is the core of an academic research city built on cooperation among industry, government, and academia utilizing state-of-the-art facilities, creating a unique environment for education, research and innovation.







# Study at **KYUSHU UNIVERSITY**



## One of the premier **National Seven Universities**

These universities are known as former imperial colleges of Japan that distinguish themselves as the most prestigious universities and remain the cream of the crop in research and education.

## Japan's 4<sup>th</sup> oldest **engineering school**

Since the very beginning, we have taken pride in contributing to the development of Japanese society. The Faculty of Engineering of Kyushu University may trace its history back to 1911 when Kyushu Imperial University was established with the colleges of medicine and engineering.

## A large scale **comprehensive university**

We have 11 undergraduate schools and 18 graduate schools across a wide range of academic fields. It provides researchers/students with cross-disciplinary research and learning opportunities within the university.



## A member of **Research University 11**

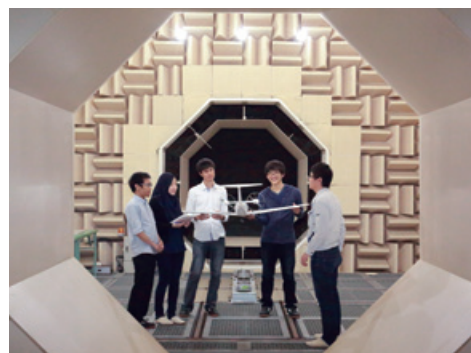
RU (Research University) 11 is a consortium consisting of the top 11 Japanese research universities. Its membership shows that the university is highly active in research not only within Japan but also internationally.

## World's top class **research facilities**

The campus features state-of-the-art facilities and equipment for research. Undergraduate students may also take advantage of this as they study in the course and conduct their graduation research in their final study year.

## Strong connections **with industry**

We are active in cooperation with business and industry, with companies maintaining their laboratories on-campus, facilitating a seamless transaction between academic research and commercial development and application.



## Very low Student to **Faculty ratio of 9:1**

Our student and teacher ratio provides an ideal learning environment with a high level of interaction, engagement and academic support. Students can also gain much individual attention from their teachers.



## Bright students from **all over the world**

There are 2,089 international students from 92 countries/regions in Kyushu University. \*1 The number of international students coming to Kyushu University is on the rise yearly. Currently more than one in nine students are from other countries.

## Developing as a **Top Global University**

The university is currently working to enhance its international profile under the government's Top Global University project, while a number of engineering & technology subjects already have a top-100 QS world ranking.

## Japan's latest and **largest university campus**

Our recently established Ito-campus, the biggest single campus in Japan, forms the new heart of our academic environment. Students can enjoy all the latest facilities and well-equipped labs in their learning and other activities.



\*1 As of May 1, 2016



# DISCOVER FUKUOKA

— Settling in one of the world's most livable cities

Kyushu University has five campuses which are all located in Fukuoka Prefecture. There are two designated cities, Fukuoka City (Business City) and Kitakyushu City (Industrial City), the so called Fukuoka-Kitakyushu Greater Metropolitan Region which together offer excellent living and education environments for the students of Kyushu University.

## A great livable city

Fukuoka, which literally means "Happy Hill" is a pleasant and cosmopolitan city; the 5th largest metropolis in Japan. 95% of its population report satisfaction with life and it was ranked as the world's 7th most livable city by Monocle Magazine in 2016. Fukuoka enjoys a growing reputation as a modern, vibrant regional trade and production center, and is brimming with a dynamic and cosmopolitan atmosphere.

The new flagship campus of Kyushu University, Ito Campus, is located in the western part of Fukuoka city in the middle of the Itoshima peninsula, an area that is rich in nature and has beautiful oceans nearby. Itoshima is ranked as the most liveable area in Fukuoka prefecture and is one of the top areas for quality of life in the world. It provides the perfect study and research environment for Kyushu University's students and researchers.



## A platform for Japanese green technology

In 2011, Fukuoka prefecture, Fukuoka city and Kitakyushu city were selected as one of seven international strategic zones of Japan, as the platform for developing Japanese green technology for export to the rest of Asia. This initiative aims to bring together industry and technology related to urban environment infrastructures; a field that Japan has promoted, refined and gained experience with in order to tackle global environmental issues. Fukuoka will lead the way in the development of green technology as it grows together with the rest of Asia. Furthermore, many leading companies have been founded in Fukuoka and Kitakyushu cities, including Yaskawa Electric (one of the world's largest manufacturers of industrial-use robotics) and Toto Ltd (a world-leading ceramic sanitary equipment manufacturer). Japanese companies that have become household names throughout the world have a strong presence, including famous automobile companies such as Toyota Motors Kyushu Inc. (a frequently award-winning manufacturing center for world-famous cars such as Lexus) and Nissan Motors Kyushu Co. Ltd. (the largest Nissan factory in the world).

## Gateway to Asia

Fukuoka is often called the "Gateway to Asia" because there are many flights that connect Fukuoka International Airport to Asia's major cities which include hub airports such as Singapore Changi Airport and Hong Kong International Airport. This convenient Fukuoka Airport is only 5 minutes away from the central city.

Fukuoka has been also been Japan's culture gateway and contributed to the development of Japan's history and culture since ancient times through active cultural exchanges with Asian countries.



## Fukuoka as No. 1 in Japan





# Study at a TOP ENGINE

Since their establishment in 1991, the School and Faculty of Engineering along with the Faculty of System Information Science and Electrical Engineering have contributed to the development of science and technology as key faculties of one of the leading universities in Japan. Over the last 100 years, the faculties have produced about 50,000 graduates who have played an important role in innovation and “Monozukuri”, and contributed to the nation-building of Japan and development of the world’s science and technology.

There are 6 departments and 11 courses in the School of Engineering which cover all the engineering fields. Among them, 4 courses offer: International Undergraduate Programs in English (IUPE): Applied Chemistry, Civil Engineering, Electrical Engineering and Computer Science, and Mechanical and Aerospace Engineering.





# ERING SCHOOL

QS World University Rankings by Subject 2016

TOP  
50

Chemical,  
Mechanical,  
Mineral & Mining

TOP  
100

Civil & Structural

TOP  
150

Electrical,  
Computer Science  
& Info System

## Research Excellence

The world-class research being carried out at these laboratories provides opportunities for unique educational experiences. All students become a member of a laboratory during their 3rd or 4th year of study and have opportunity to take part in research activities. Thus students can gain hands-on practical and analytical experience, while contributing to society through advancement of knowledge in important areas of research.

### World-level Research Institute and Notable Research



**International Institute for Carbon-Neutral Energy Research: I<sup>2</sup>CNER**  
- Carbon-neutral energy research for the creation of a sustainable and environmentally-friendly society



**Next-Generation Fuel Cell Research Center: NEXT-FC**  
- Next-generation fuel cell research for a low-carbon society and a solution to global warming



**Center for Organic Photonics and Electronics Research: OPERA**  
- Organic materials and devices for creating future electronics



**Research Institute of Applied Mechanics: RIAM**  
- Ultra-efficient, next-generation compact wind lens power systems



**Research and Development Center for Taste and Odor Sensing: R&D TAOS**  
- Taste sensors to detect and identify flavor (a world-first invention)



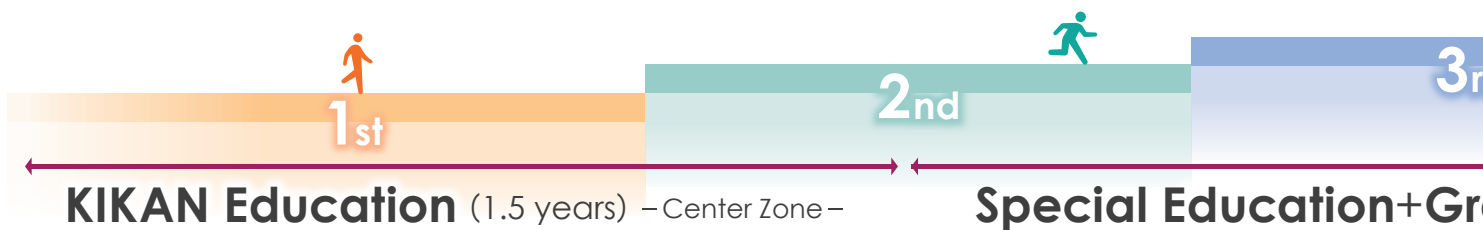


# INTERNATIONAL UN PROGRAMS *in English* —Leading to a Bachelor of Engineering—

Because of the wide-ranging influences of engineers on society, engineers not only require special knowledge in their respective fields, but also an understanding of ethics in engineering, a profound awareness of the diversity of humanity, and a broad education about the environment and the role of human beings within it. In keeping with this view of engineering's responsibility to society as a whole, IUPE students take liberal arts subjects and science core classes in KIKAN Education for the first year and a half, then proceed to take specialized subjects common to the four programs offered by the School of Engineering, and others that are specific to each program for the remainder of their study.

## What is KIKAN Education?

The important mission of basic learning is to implement diverse teaching methods for diverse fields of basic knowledge based on a class structure that will enable students to exchange knowledge at a multidisciplinary level. The Faculty of Arts and Science seeks to encourage students to learn or acquire the following: (1) a creative and critical spirit that will engender reflective thought, (2) flexible thought processes and attitudes, (3) broad perspectives and the skill to take in the bigger picture, (4) deep understanding of ethics and morals, (5) humility and rich sensitivities, and (6) deep understanding of humanity.



### Liberal Arts and Language:

Adjusting to Japan, Introduction to Japanese Culture and Society, Introduction to Philosophy, Introduction to Economics, Global Issues, Language and Communication in Society, Project Management, Japanese, Academic Writing and Presentation, etc.

### Science Core:

Basic of Information Processing, Calculus, Linear Algebra, Basic Chemistry, Fundamentals of Mechanics, Elements of Electromagnetism, Fundamental Inorganic Chemistry, Fundamental Organic Chemistry, Basic Laboratory Experiments in Natural Science, etc.

### Common Engineering:

Advanced Engineering, Strength of Materials, Ordinary Differential Equation, Complex Function Theory, Engineering Ethics, Fundamentals of Electronics and Information Engineering, Introduction to Metallic Materials, etc.



Center Zone



West Zone



# DERGRADUATE

## TOP 5 REASONS TO CHOOSE IUPE

#1

Very small interactive  
classes of  
4-6 students

#2

Education by top  
professors, research  
with leading scientists

#3

Study and make friends with  
the brightest students from  
all over the world

#4

Study engineering  
in English, learn  
Japanese

#5

Generous support  
available exclusively for  
IUPE students

### Do we learn Japanese?

Although you won't need to use Japanese when you take English-taught classes in international programs, there is no doubt that life in Japan is much more enjoyable if you can speak the language. IUPE students take Japanese classes as a required course for the first year, but even after that Japanese teachers at the International Student Center give Japanese lessons to those who wish to learn until graduation.



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## Graduation Research (2.5 years) – West Zone –

Applied Chemistry

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Mechanical & Aerospace Engineering

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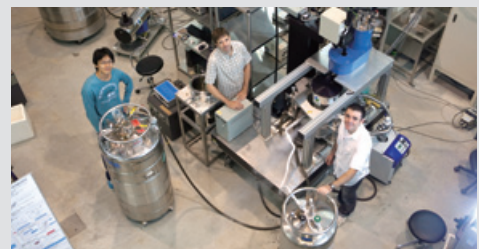
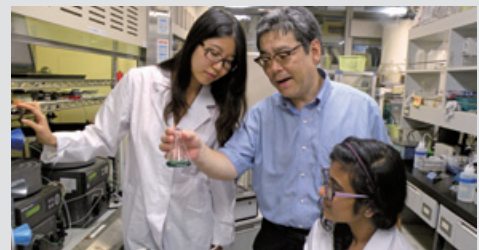
theory,  
and  
materials,



Opportunities after Graduation:  
Kyushu University

► Graduate School of Engineering

► Graduate School of Information  
Science and Electrical Engineering





# APPLIED CHEMISTRY

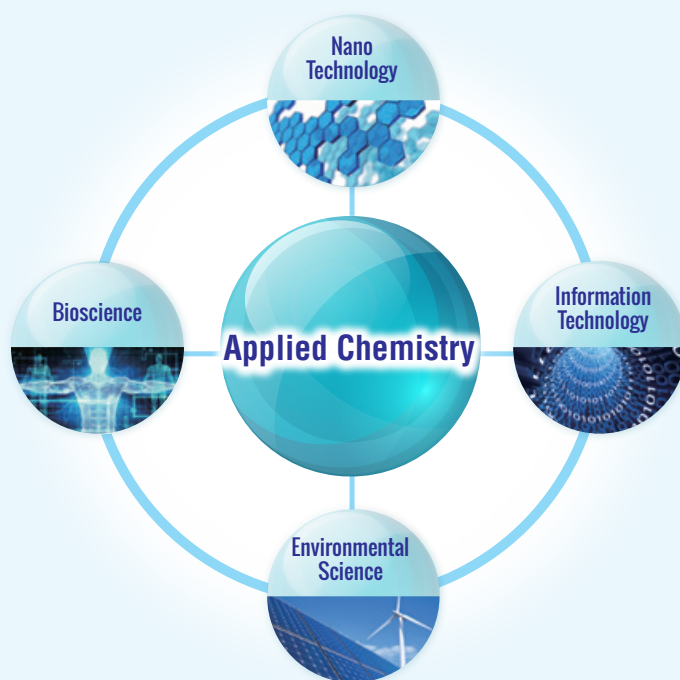
In Applied Chemistry, the creation of materials with structure and functions controlled at atomic and/or molecular levels is studied, with the goal of contributing to the sustainable growth of human society and environmental conservation. In this program, we provide an advanced education in chemistry which can be applied to various fields, including IT, environmental sciences, nanotechnology and biotechnology, and cover a range of materials from organic, inorganic to biomolecules.

## Examples of Classes Offered:

- ▶ Organic Chemistry
- ▶ Inorganic Chemistry
- ▶ Analytical Chemistry
- ▶ Physical Chemistry
- ▶ Polymer Chemistry
- ▶ Chemical Reaction Engineering

## Research Fields:

<b>Nano Technology</b>	Molecular Self-Assembly, Nanoparticle and Nanorod, Carbon Nanotube, Ceramics, Organic-Inorganic Hybrid
<b>Bioscience</b>	Biomimetic Chemistry, Chemical Biology, Drug Delivery System, Protein Engineering, Genome Analysis, Bioimaging
<b>Information Technology</b>	Organic Light-Emitting Diodes, Organic Transistor, Molecular Device, Femtosecond LASER Technology, Computational Chemistry
<b>Environmental Science</b>	Photocatalysts, Hydrogen Production Catalysts, Li-Buttery, Fuel Cell, Solar Cell, Dioxin Analysis Environmental Measurement Device



Message from a **PROFESSOR**

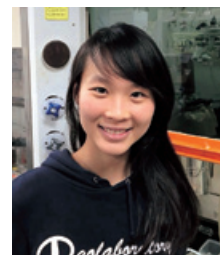
## Nobuo Kimizuka (Professor, Chemistry and Biochemistry)

Chemistry is an exciting interdisciplinary subject which is essential to understand many cutting-edge research areas such as biotechnology and nanotechnology. Having been selected as the Center of Excellence (COE) for education and research of chemistry by Japan's Ministry of Education for many consecutive years, our Applied Chemistry department is one of the most exciting places in the world to study this field. Our students can master the basics of chemistry and enjoy the most-advanced research with guidance and supervision from dedicated professors and members of their research groups. The research areas in our department span a wide range, making it possible to find a research area that suits your interest.



Message from a **GRADUATE**

I feel so glad about the decision I made to study at the applied chemistry course of IUPE. It is because here I am taught both basic and advanced knowledge in almost all areas in chemistry, which not only satisfies my love for chemistry but also proves very helpful for my current research. In addition, I always feel motivated by the dynamic and interactive atmosphere in my current laboratory as well as in any chemistry class because we were encouraged to question everything and be brave to freely discuss what we doubted. I was allowed to be challenged with one of the most puzzling research topics in the world.



## Le Tu Thi Minh

Vietnam Class of 2016, Studying at Kyushu University's master program



# CIVIL ENGINEERING



In Civil Engineering, the building, maintenance and control of social infrastructure (water and sewage systems, roads, ports, etc.) is taught, including studies into restoration of devastated natural environments, all for the purpose of a happier and healthier society. In this program, students learn about the latest technologies, including both hardware and software, in various fields of building design and construction, urban planning, and soil and water environment preservation.

## Examples of Classes Offered:

- ▶ Structural Mechanics
- ▶ Hydraulics
- ▶ Soil Mechanics
- ▶ Disaster Mitigation System Engineering
- ▶ Environmental System Engineering
- ▶ Mathematics of Planning

## Research Fields:

<b>Social Infrastructure and Structures</b>	Structure Analysis, Earthquake Engineering, Structure and Aesthetic Design, Concrete Engineering
<b>Disaster Prevention and Geotechnical Engineering</b>	Geotechnical Engineering, Environmental Geotechnology, Geo-Disaster Prevention
<b>Environmental and Watershed System Engineering</b>	Environmental Fluid Dynamics, Watershed System Engineering, Coastal and Ocean Engineering, Ecological Engineering
<b>Transportation and Urban Planning</b>	Urban System Planning, Transportation System Planning, Urban Engineering and Economics, Landscape Engineering



Message from a **PROFESSOR**

## Hemanta Hazarika (Professor, Geotechnical Engineering)

My research activities include forensic engineering, stability of soil-structures during earthquakes and tsunami, ground improvement geosystem against earthquakes and tsunami, applications of recycled waste and lightweight materials in constructions, Landslides and protection against them. After I received my bachelor's degree from the Indian Institute of Technology (IIT), Madras, India in 1990, I moved to Japan and obtained both my master degree and Ph.D from Nagoya University. My experiences in working in all the three sectors, i.e. private sector, public sector and academia, have been a source of inspiration in my professional career. I always believe in the saying: Behind every difficulty, there is an opportunity. I strongly suggest you to try and explore yourself in Japan to hunt for the opportunities waiting for you.



Message from a **GRADUATE**

My four-year education and experiences in IUPE was fascinating. Throughout my college life, I had the chance to thrive in both understanding and mastery in civil engineering. During these four years, I participated in several internships and national and international conferences, and attended numerous seminars and workshops across various disciplines. In my final year, I joined the Structural Analysis Laboratory and conducted research by using one the most advanced computational resources in the world, the K Computer, to accurately develop a multi-scale natural disaster simulation.



## Bodhinanda Chandra

Class of 2016, Studying at Technical University of Munich's master program



# ELECTRICAL ENGINEERING AND COMPUTER SCIENCE



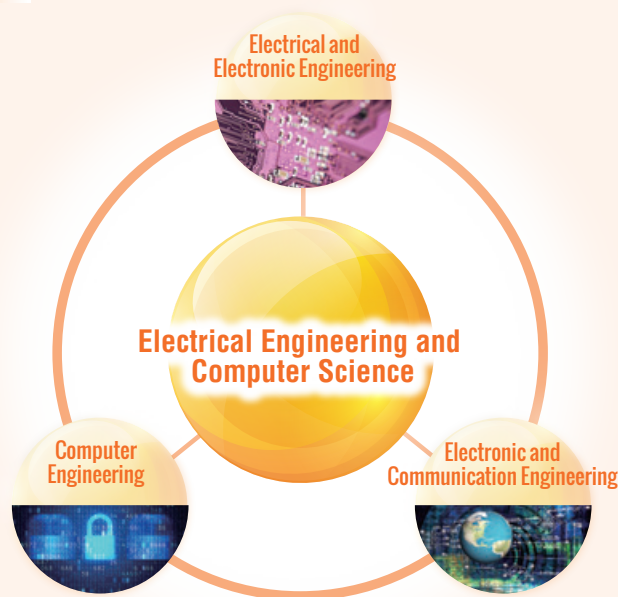
In Electrical Engineering and Computer Science, a systematic program is provided to learn electricity, electrical energy, electronics, communication, data science and computers. The program will guide you to be a highly skilled engineer or researcher to create new products and new services in wide industrial fields ranging from social infrastructure such as energy management systems and intelligent transport systems to cutting edge application of information such as mobile communication and remote medical inspection.

## Examples of Classes Offered:

- ▶ Linear Circuits I & II
- ▶ Logic Circuits
- ▶ Programming Methodology I
- ▶ Programming Practice I
- ▶ Computer Architecture I
- ▶ Fundamentals of Integrated Circuits
- ▶ Electric Energy
- ▶ Practice in Logic Design

## Research Fields:

<b>Electrical and Electronic Engineering</b>	Automatic Control, High Voltage Applications, Laser, Power and Energy, Power Electronics, Sensing Technologies, Superconductivity, Smart Grid
<b>Electronic and Communication Engineering</b>	Large-scale Integrated Circuit Design, Mobile Communication, Satellite Communication, System LSI, Plasma Electronics, Sensors, Photonics
<b>Computer Engineering</b>	Artificial Intelligence, Cognitive Science, Communication Network, Computer Architecture, Information Theory, Security, Data Science



Message from a **PROFESSOR**

**Ryo Kurazume** (Professor, Laboratory for Real-world Informative Robotics)

Robotics is so-called "System Integration Technology" and requires a wide variety of knowledge, for example, electronics, mechanics, sensor and actuator devices, control theory, and software engineering. In Electrical Engineering and Computer Science, many excellent professors with great deal of expertise ranging from sensor devices to computer vision and artificial intelligence engage in research and education. You will acquire a plenty of theoretical and practical skills to become an electrical engineer/computer scientist. We hope you will join us to create future technologies that change our world.



## Prominent Alumni

**Robert T. Huang**  
Entrepreneur

Robert T. Huang, a successful entrepreneur in Silicon Valley, is the founder of SYNEX Corporation and served as the company's President and Co-Chief Executive Officer until retirement in 2010. Huang graduated from Kyushu University with B.S. degree in Electrical Engineering before moving to US. He received M.S. degrees in Electrical Engineering and Statistics from Rochester University and a M.S. in Management Science from the MIT Sloan School of Management. Huang made a substantial donation toward the establishment of QREC (Robert T. Huang Entrepreneurship Center of Kyushu University) that provides the University's students with a leading entrepreneurship education. He is also the director of ThreePro Group Inc. and a Honorary Doctor of Kyushu University. He was born in Taiwan in 1945.





# MECHANICAL AND AEROSPACE ENGINEERING

In Mechanical and Aerospace Engineering, future generations of technicians and researchers are nurtured in the culture of “monozukuri”, or innovation and manufacturing, a field in which Japan has remained unsurpassed to date. Students gain a diverse knowledge of mechanical and aerospace engineering, essential for development of cutting-edge technology in areas such as ultra-precision instruments, robots with artificial intelligence, hydrogen energy, biotechnology devices, automobiles, aircraft and rockets.

## Examples of Classes Offered:

- ▶ Strength of Materials I & II
- ▶ Dynamics of Machinery
- ▶ Internal Combustion Engines
- ▶ Manufacturing Processes
- ▶ Computational Methods
- ▶ Machine Design
- ▶ Systems Control
- ▶ Aerospace Engineering I~IV

## Research Fields:

<b>Thermal Fluids:</b>	Fluids Engineering, Thermal Engineering, Combustion, Hydrogen Utilization
<b>Machine Design and Manufacturing:</b>	Manufacturing Processes, Machine Design and Bionic Systems
<b>Strength of Materials</b>	Strength of Materials
<b>Mechanical Systems and Control</b>	Dynamics of Mechanical Systems, Control and Systems
<b>Aeronautics and Astronautics</b>	Thermophysics and Fluid Mechanics, Aerospace Structures and Structural Dynamics, Flight Dynamics and Controls, Space Systems Engineering



## Message from a GRADUATE

The four years' experience in IUPE was such a great treasure for me. During the four years, I had opportunities to meet a lot of excellent professors and friends from many different countries with different cultures. During the summer vacation in my third year, I participated in Panasonic's internship program to experience the work atmosphere in Japan. Then in my final year I joined a mechanical analysis laboratory and conducted research to analyze vibration and noise of internal combustion engines. After half a year of job hunting, with various support from university I was able to get a position at Mitsubishi Motors. I really gained a lot here and enjoyed my life in IUPE.



**Xiaoyue Xie**

Class of 2016, Engineer at Mitsubishi Motors Japan

## Prominent Alumni

**Koichi Wakata**  
Astronaut

Koichi Wakata, JAXA astronaut, who has worked on four NASA Space Shuttle missions, a Russian Soyuz mission and had a long-duration stay on the International Space Station (ISS). Wakata is known for his skills at handling robotic arms in outer space, which he put to good use in retrieving a Japanese satellite from orbit. With his space flight career spanning nearly two decades, he became the first Japanese astronaut ever to command ISS. Wakata graduated from Kyushu University with an M.S. in Applied Mechanics in 1989 and obtained his PhD in Aerospace Engineering in 2014.





# Life Beyond the Class

There's more to a great higher education experience than lectures and experiments. Participating in various extracurricular activities leads to increased productivity in your studies and a better quality of life while living in Japan. We encourage our students to explore their interests and expand their knowledge as they join these extra-curricular activities.

## Club Activities

Currently Kyushu University has well-over 170 clubs and societies allowing you to connect your passions with your campus experience. Joining a club on campus is a great way to meet new friends, develop new skills and broaden your horizon! They cover a variety of fields. Some of these clubs have come to be known outside Japan through their participation in international competitions.

### Some of our popular clubs:

Aikido, Karate, Kendo, Swimming, Soccer, Ice Hockey, Rugby, Yacht, Horseback riding, Baseball, Debating, Photography, Hang-glider, Philharmonic Orchestra, Brass Band, Choir, Jazz, Dance, Theater and Drama, Tea Ceremony, etc.

## Workshop SOZO KOBO

The "Sozo Kobo" workshop is a facility that provides you with the freedom and opportunity to exercise your ingenuity and express yourself, developing and manufacturing your own original ideas. This unique workshop environment not present at other universities is supported and managed by the school of Engineering and department of Mechanical Engineering. Currently the following 5 projects are under-way:

- ▶ Kyushu University Robocon Team (KURT)
- ▶ Kyushu Humanoid Project
- ▶ Kyushu University Wind Tunnel and Turbine Frontier (WTFP)
- ▶ Kyushu University Formula Project
- ▶ Kyushu University Planet-Q

## Student Voice



India

### Iswarya Krishnamurthi Rajasankaralingam

(4<sup>th</sup> year Civil Engineering, President of KUFSA)

Coming to Japan immediately after finishing high school in India, there was still so much to explore and learn; to grow up as a person. Apart from academics, Kyushu University's various organization and club activities provided me with the much needed time, space and opportunity to take up responsibilities and push my limits higher and wider. Working together with people from various other nationalities and different backgrounds can change you as a person. I've learnt to be proud of my own culture and at the same time be accepting of others and imbibe all the good aspects of them. Taking active part in organizations such as KUFSA, SCIKyu, ISU and QUBES has helped me to improve and hone my critical thinking, people skills, time management and ability to handle stress. It has also helped me to get to know more people and make friends by working towards a common goal. It's amazing how you can learn so much about your own self, just by working together with others. That being said, it's time for you to join such activities and make a mark!





# room

## Leadership and Volunteering Experience

Kyushu University provides you with plenty of leadership and community engagement opportunities. Many IUPE students work in the student association on and off campus and develop leadership and communication skills.

- KUFSA: Kyushu University Foreign Students Association
- KUIFA: Kyushu University International Friendship Association
- SCIKyu: Student Committee for Internationalization of Kyushu University
- ISU: IUPE Students Association
- QUBES : Kyushu University Bachelor of Engineering Seekers
- FOSA: Fukuoka Overseas Students Association

## State-of-the-Art “Ito Library”

Opened as the “Science and Technology Library” in October 2005, Ito Library is one of Kyushu University’s 6 libraries and is a comprehensive library on the natural sciences. It serves students and faculty at the West Zone and is equipped with the state-of-the-art facilities such as automated storage and retrieval systems, and IC cards.

About  
1,200,000  
Holdings of books

1,042  
Seats

60  
Computers

## Housing

Kyushu University has dormitories on the Ito Campus as well as around the other campuses, fully-furnished with facilities necessary to make your college life safe, easy, and comfortable. IUPE students are guaranteed a room in one of these dorms for 1.5 years until they get accustomed to life in Japan. After that, the University will help you find a place to live; perhaps a private apartment close to the campus; and help you through all the renting procedures. We do all we can to ensure that you can focus on studying without any hassles.

## Student Voice

### James Tad Patrick Bardon

(3<sup>rd</sup> year Civil Engineering, Dormitory Leader)

I am currently one of the Dormitory Leaders of Ito Kyosokan. Living in this dormitory for almost two years, I have met different people from various countries and cultures. As a dormitory leader, I have a bird’s eye view of everyone in the dorm and it is my responsibility to take good care of all 600 residents. With an adequate number of common rooms and multi-purpose facilities, holding group recreational activities or group studies is easy inside the dormitory. Coffee hours are held weekly for socialization with other residents, playing games and helping each other with matters inside the dormitory. Truly, living in a dormitory is the best way to meet different people studying in Kyushu University.









# Supporting you

**We have a comprehensive support system for overseas students on and off campus available from the moment you arrive in Fukuoka.**

## **Coordinators & English-speaking Admin Staff**

There are two coordinators; one for KIKAN Education and one for your 4 years' Engineering Education; who can help you with every aspect of your study life. You may seek their guidance and counseling not only on academic matters but also on anything that could affect your learning environment. In each period of your study, administration staff members who are fluent in English will answer your questions related to your study.

## **Class Advisors & Research Supervisors**

Throughout 4 year's study, one faculty member of each course will be your academic advisor and give you advice about your study and career path. After you join a laboratory to engage in a research project from your 3rd or 4th year, the professors in your laboratory will guide you as supervisors in your study and research.

## **Student Supporters**

A team of Kyushu University students are assigned to each new international student as tutors. This team will be your guide to your new environment and will support you in adjusting to life in Japan. The tutors will meet you at the airport or station when you arrive in Kyushu, take you shopping, show you around the campus and the city, introduce you to friends and teachers, and help you with Japanese. They will serve as your personal advisers.

## **International Student and Researcher Support Center**

When you need to prepare documents and submit them to public offices in order to study in Japan such as those needed for the Immigration Bureau, rent an apartment, or generally need help with any other documents or procedures, the International Student and Researcher Support Center located on each campus always stands by to help you.

## **Counseling System**

Living far away from your family and hometown while working to obtain a degree in an unfamiliar environment is a big challenge for everyone. You might have difficulties adjusting to your new life, or you might feel homesick. If that happens, don't try to handle your distress by yourself, but rather make free use of our counseling system. However small your worry may be, the English speaking counselors at the International Student Center will listen to you with a sympathetic ear and work with you to find a solution to your problems.

## **Student Academic Support Systems**

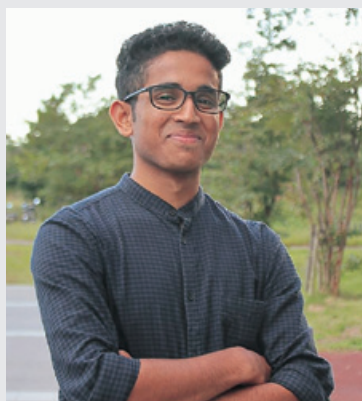
You may also take supplementary tutor session given by a team of English-speaking students in the graduate school of engineering. For example, they will tutor you on challenging subjects and how to write reports. They can give you advice on a number of issues ranging from exam preparation to future career options from the point of view of senior students.



# Real-World Experience

While classroom learning is a vital component of the program, we also encourage students to seek practical learning experience such as internships, research, community engagement and volunteer activities. During the spring and summer vacations, students can engage in a corporate internship in either his/her country of origin or in Japan, a research internship in another country or community engagement in the form of volunteer activity. Some students also attend international conferences related to environmental and social problems.

## Corporate Internship



**Jeevan Joshy**

4th year Civil Engineering



India

I got an opportunity to work as an intern in Takenaka India during my semester break in March 2016. Takenaka Corporation is one of the largest architecture, engineering, and construction firms in Japan. This was my first step into the professional world of engineering and the internship's main goal was for me to gain knowledge and exposure working at an actual construction site, applying the theories learnt in the lectures and classes and getting experience with professionals. The on-going project (IMEC New Factory Project) that I had the opportunity to work in was a construction project for Mitsubishi Elevator India Private Ltd. in Karnataka, India. Being given responsibilities in an international firm like Takenaka gave me confidence and a sense of responsibility. I partook in activities such as beam and column reinforcement bar checking, slab reinforcement bar checking, filling out the quality check sheets for re-bars and epoxy flooring work and roof waterproofing quality, etc. This internship gave me a sense of the duties and the obligations of a site engineer and I'm sure that it will help me in the times to come. I hope to gain further knowledge in the university in terms of structural engineering, steel structural engineering etc., so that I can grasp more and more knowledge regarding the construction industry.



## Research Internship



**Minh Nguyen Hong**

Class of 2016, Applied Chemistry



Vietnam

As a student of IUPE in Applied Chemistry, I had the privilege to learn within an interdisciplinary curriculum, to practice and apply theoretical disciplines using real apparatus and to become immersed in a professional studying environment together with distinguished professors and talented friends. Another precious privilege that I received during my undergraduate study was to be equipped with knowledge and confidence to undertake a 10-week summer research opportunity at the University of Queensland. The summer research program at the University of Queensland requires applicants to scan through hundreds of projects offered to find out which project suits the applicants' desires, to understand thoroughly about the project that the applicants want to apply for by reading academic papers of the Project Investigators and to be able to write a feasible research proposal which expresses what the applicant desires to work on during the program. Thanks to the knowledge and skills that I learned from IUPE at Kyushu University, I finished these processes with an acceptance to join the program. The research program at Queensland that I joined was about the characterization of therapeutic conopeptides that can be utilized for chronic disease treatment. Joining the research, I was provided with fresh ideas of how research is done in different working environments, was able to study about the operation of additional apparatus and data-collected machines, and was acquainted another international research community other than Japan.





# LAUNCHING YOUR FUTURE

After four years' education and training at IUPE, your future is wide open. Our graduates can be found all over the world, taking the next step on their personal journey. Some students choose to stay on to Master and PhD level, taking advantage of the opportunities offered to them by the world-class research facilities here in Kyushu University. Others go on to study at other top international universities around the world, or utilize their acquired abilities in international or Japanese companies.

## Continuing education in Japan



Yang is one of the graduates from the Mechanical Engineering Course in IUPE. He is currently studying at a Doctoral Program in Graduate School of Engineering, Kyushu University after he obtained a master degree here.



**Bai Yang**

Class of 2014, Mechanical Engineering  
Studying at Kyushu University

Making machines automatic and intelligent has always been a dream for human beings and it would be an honor for me to be one of those who endeavors let this dream come true. In the future, I want to be a great researcher in the field of robotics, and with this goal I came to Kyushu University. The experience in IUPE program strengthened my goal.

During my studies in Kyushu University, I had a chance to take every class related to my major in order to gain good interdisciplinary knowledge in mechanical and control engineering, which offered me a broad perspective when facing new challenging research problems. The small class size (4 or 5 students in one class) leads to more one-on-one attention from the teachers and makes their instruction more individual. Moreover, with top level scientists and engineers and also the most advanced experimental devices, Kyushu University provides a great academic environment. Here I would like to thank my supervisor Prof. Mikhail Svinin. His kind instruction enables me to participate at top level conferences in the field of robotics and present my ideas that originate from very initial theoretical considerations to realize practical simulations or robotic motions. The communication and discussion about my research results with researchers at the high-level international conventions boosted my confidence. My current thesis is about spherical rolling robots (similar to the futuristic machine BB-8 featured in the recent Star Wars movie, or to the spherical car revealed in the latest Jurassic World movie). I believe that my work will permanently change the common image of autonomous intelligent vehicles. I also enjoy my daily life in Kyushu University. I love to play the game GO. This strategic game, originating in China, is regarded as a most complex board game. It is recognized as one of the most complex games ever invented. In Kyushu University, it is not so difficult to find high-level rivals playing this game. For physical exercise, I joined the fencing club when I was a freshmen. In this club I made many friends from different countries. Benefitting from the IUPE program, I am capable of speaking both English and Japanese. This ability helps international students to get involved with the lives of Japanese students while encouraging more Japanese students to get exposed to different unfamiliar cultures. I am lucky that I chose Kyushu University, and that Kyushu University chose me.



## Pursuing a graduate degree abroad



Purnima is one of the graduates from the Applied Chemistry Course in IUPE. She is currently studying for a Dphil in Pharmacology from University of Oxford in the United Kingdom after she obtained her master's degree there.



**Purnima Kumar**

Class of 2014, Applied Chemistry  
Studying at University of Oxford

Choosing Kyushu University for my undergraduate degree was the best decision I had made so far. As a part of this University not only did I expand my knowledge in my own area of expertise but I also had a chance to taste several other courses and lectures in the first year, like Introduction to Japanese Culture and Society, and Japanese Law and Economics which I believe gave me a broader outlook and also helped me know much more about the customs and culture of the country where in I was to spend the next four years of my life. One of the highlights of this program for me was choosing the lab during our third year of study with which we would like to work. With this exposure I had the opportunity to carry out some cutting-edge research of my own. I worked with Professor Yoshiki Katayama, who is one of the leading professors in the field of cancer research and other inflammatory diseases. Under his supervision, I tried to find a cure for atopic dermatitis, which is one of the most profound inflammatory skin diseases all over the world. During this course of one year I came across various hurdles that a researcher can come across, however the senior students and professors in my lab provided me with the right guidance and made sure that I completed my research successfully. With the able guidance of my professors I published my first journal paper in the Journal of Biomaterials and Polymer Sciences, 2015.

After I graduated from Kyushu University, I took this knowledge of immunology a step further at University of Oxford where for my master thesis I aimed at developing mouse models for elucidating the relationship between innate pattern recognition receptors and programming of immunologic processes that underlie the development of distinct phenotypes of asthma. Even now as part of my PhD research at University of Oxford I am dedicated to work in the field of Pharmacology with a firm resolve of making my contribution to science to contribute in man's quest to find a cure for cancer.

All of these experiences in the field of Immunology have fascinated me immensely and as I learn and understand more of the key complex pathways involved in biologic regulation, the greater is my fascination to learn, explore and discover new and meaningful pathways. I can proudly say that I learnt the basis to be good researcher from Kyushu University and I am taking forward these skills to pursue my PhD in Pharmacology.





## Application and Scholarship

For the details of application procedures and scholarship, please refer to the application instructions which can be found on the website.

URL <http://www.kyushu-u.ac.jp/en/admission/faculty/foreign/foreign10/>

QR code:



## Websites

For further information, please visit the following websites.

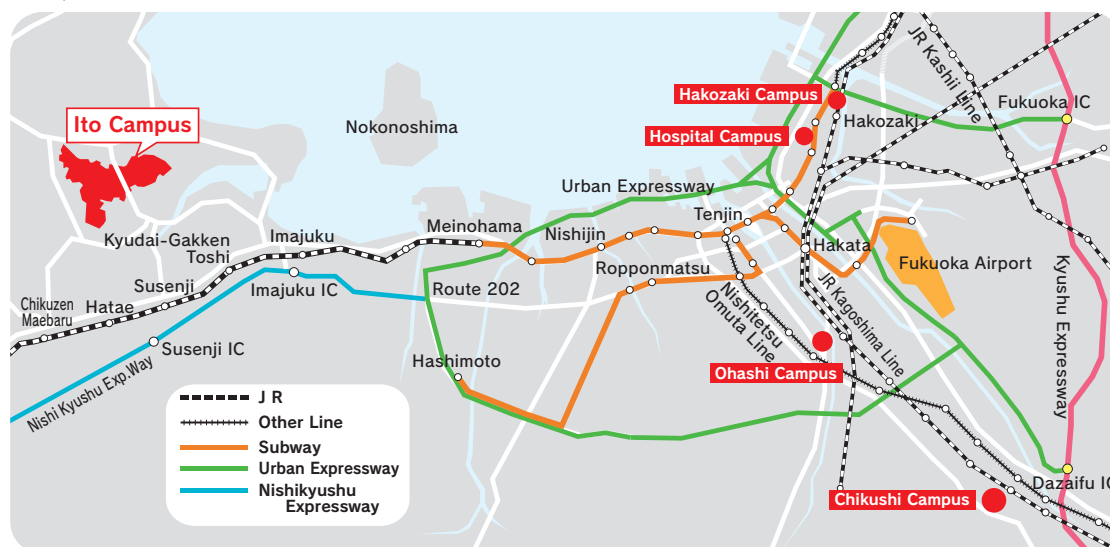
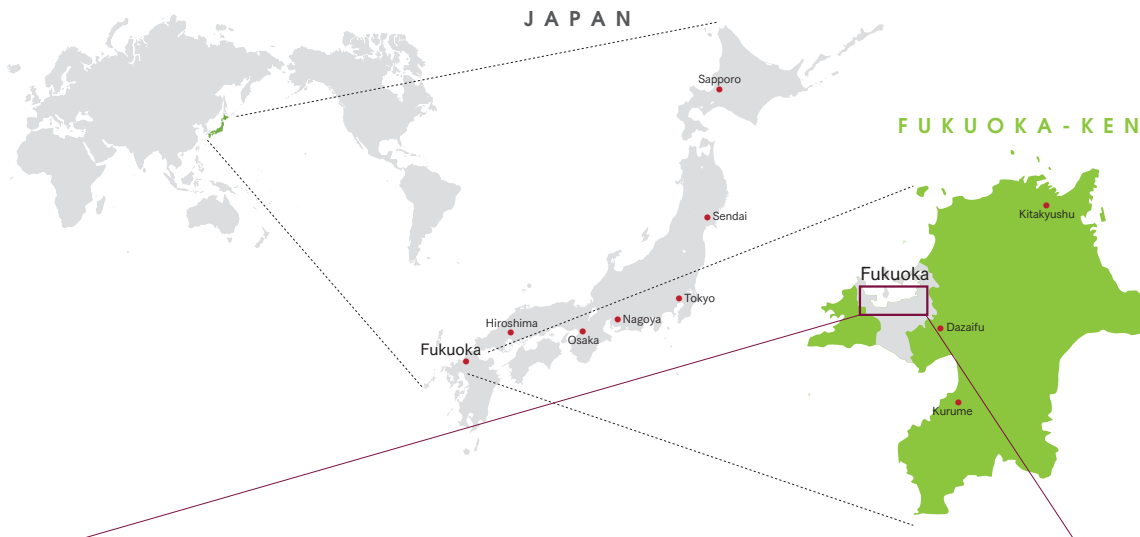
- School of Engineering <http://www.eng.kyushu-u.ac.jp/e/index.html>
- Degree Programs in English <http://www.isc.kyushu-u.ac.jp/g30/index.html>

For the up-to-date information of our students' campus life, please visit the student website, QUBES (Kyushu University website for Bachelor of Engineering Seekers), which is run by IUPE students.

- Student Website QUBES <http://qubes.kyushu-u.ac.jp>

## Campus Location

WORLD



Airplane  
Tokyo → Fukuoka (1.5 hrs.)



Shinkansen (bullet train)  
Tokyo → Fukuoka (5 hrs.)

## Contact

For inquiries, please contact:

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