

ADMISSIONS

	Examination Date	Application period
The 1st selection	July 5 and 6 , 2025	May 29 - June 5 , 2025
The 2nd selection	August 30 and 31, 2025	August 1 - 7, 2025
The 3rd selection	October 11 and 12, 2025	September 12 - 19, 2025
The 4th selection	January 24 , 2026	December 11 - 18, 2025

[%] For interview and oral examinations will be conducted through the Internet.

How to apply

Contact

Find a laboratory in your desired field and contact the faculty member.

Access

Access the online registration website and read the guidance.

Password to apply

Send the requesting email to the admission section

Apply



Enter your infor-

Submit

Print and mail the application docu-

Online Registration Website

https://www.guide.52school.com/guidance/net-kyutech-g/eng/

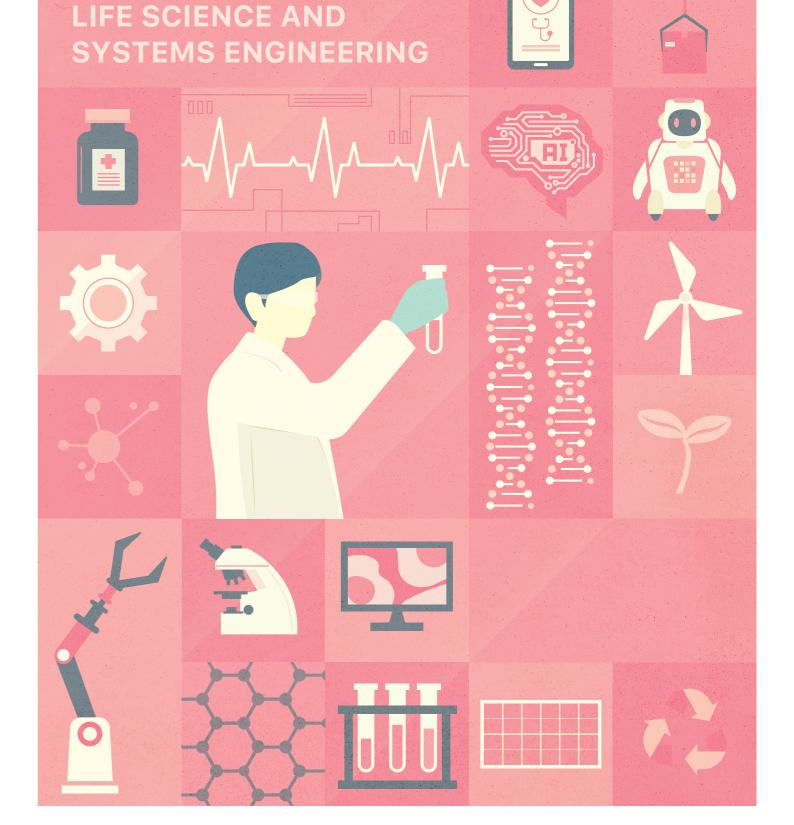


Admission Application Guidance

https://www.lsse.kyutech.ac.jp/english/admission/information.html



Kyushu Institute of Technology Graduate School of Life Science and Systems Engineering 2-4 Hibikino, Wakamatsu-ku, Kitakyushu, Fukuoka, 808-0196, JAPAN



GRADUATE SCHOOL OF

Kyushu Institute of Technology

Graduate School of Life Science and Systems Engineering 2025

[%] For the 1st, 2nd, and 3rd entrance examination, one of the two days will be respectively designated for the examination day by Graduate School of Life Science and Systems Engineering.

Invitation to Life Science and Systems Engineering



Chikamune WADA

CONTENTS

Graduate School of Life Science and Systems Engineering (LSSE) was established in 2000 at Kitakyushu Science and Research Park to promote advanced research based on superior biological functions and implement them into practical engineering technology. LSSE has succeeded in creating frontier technologies for meeting social needs in broad technical fields related to environment/energy, robot/artificial intelligence, medical application, etc.

Diversity in students is a big feature of LSSE. In addition to students from two undergraduate schools of Kyushu Institute of Technology, many students gather from domestic universities and colleges of technology throughout Japan and from various overseas universities. Collaborative works among these students with different experiences and values generate fresh ideas leading to technical innovation as well as fostering communication ability with recognition of diversity.

LSSE has educational programs and research projects in collaboration with universities and companies within Kitakyushu Science and Research Park. Also, LSSE is offering study abroad programs with overseas partner universities, and conducting many international joint research projects with them. Through these programs and projects students can strongly enhance their global perspectives.

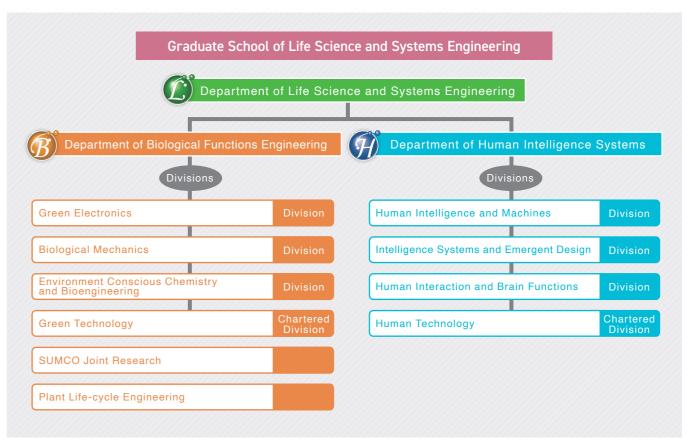
We sincerely invite you to LSSE to immerse yourself in a cutting-edge education and research environment and to launch your promising career on an international stage.

$Message\ from\ Dean \qquad \qquad$
General Features 2
Special courses for International students 3
Main Activities
Department of Biological Functions Engineering 6
Faculty Member (Department of Biological Functions Engineering) 7
Department of Human Intelligence Systems
Faculty Member (Department of Human Intelligence Systems)
International Exchanges
LSSE Students
Access



Distinguishing Features of the Graduate School

The primary mission of this graduate school is to educate and train engineers and researchers who can elucidate the structures and functions of living organisms to advance resource and energy conservation, environmental harmony, and human-friendly technologies. To achieve this mission, LSSE offers master's programs in two departments, and a doctoral program in one department. The master's program of the Department of Biological Functions Engineering focuses on applying superior biological functions to address societal challenges and needs. The Department of Human Intelligence Systems develops the skills required to design and maintain optimal societies that integrate complex intelligence, human physiology, and environmental systems. The doctoral program of the Department of Life Science and Systems Engineering emphasizes specialization in life science and systems engineering while promoting cross-disciplinary education and global perspectives. The Department is committed to nurturing professionals who stay ahead of emerging research and technological trends, driving innovation and progress. In summary, LSSE aims to cultivate globally minded professionals who collaborate with society to address contemporary challenges and contribute to a sustainable and harmonious



SPECIAL COURSES FOR INTERNATIONAL STUDENTS

MAIN ACTIVITIES

Global Advanced Assistive Robotics (Global AAR) Course

This international course has been offered by our institute since 2015. It includes both Japanese and international students from the Department of Human Intelligence Systems (Master's Program) and the Department of Life Science and Systems Engineering. The course attracts students from diverse fields such as integrated circuits, control systems, sensing, nanosystems, artificial intelligence, IoT systems, behavioral science, and neuro-

The course is specifically designed to accommodate international students by using English for slide presentations and Q&A sessions. It also provides valuable opportunities for training in English presentation and communication skills. For example, students participate in journal clubs where they read and analyze the latest research papers. In addition, AAR seminars feature top-tier lecturers who share their expertise. The program also includes practical training such as the practicum in Robot Operating Systems and the practicum in Care and Medical DX.

This comprehensive program fosters cross-disciplinary learning and equips students with the skills needed for advanced



research and global collaboration.

Website URL: https://www.brain.kyutech.ac.jp/global_aar/



Global Education of Green Energy and Green Environment (GE3) Course

This course provides an integrated program of education and research related to "green energy/green electronics technology" and "carbon-neutral technology", with a view to the future of energy and environmental cooperation across a wide area of Asian countries. including Japan. It is also an innovative program to develop 21st-century global engineers who can maintain a sustainable socio-economy and lead the world through global seminars and collaborative projects. Education and research on these green technology will not only contribute to the development of peaceful, safe, and secure societies but also step forward towards achieving the Sustainable Development Goals (SDGs). Lectures are also designed for international students, and it is possible to complete the master's and Doctoral course in English only. "GE3 Seminar" provides state-of-the-art technologies and research topics inviting lecturers from academics and Japanese companies.

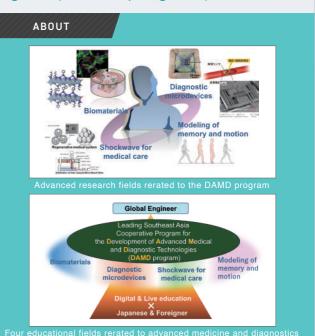
- Printable photovoltaic cells
 Biomolecular Engineering
- Functional materials and their electrochemical devices
- Organic electronic devices
 Motor-drive system Highly efficient and flexible energy-conversion
- Environmental-Benign Functional Materials



Leading Southeast Asia Cooperative Program for the Development ofAdvanced Medical and Diagnostic Technologies (DAMD program)

The "Leading Southeast Asia Cooperative Program for the Development of Advanced Medical and Diagnostic Technologies (DAMD program)" is a program that trains students to become innovative leaders in healthcare and welfare. This program is a part of the educational programs in the Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology. The DAMD program will offer students from Southeast Asian countries the chance to learn advanced engineering skills. These skills include creating new materials for healing injuries, making devices to diagnose diseases, developing new ways to deliver medicine, and making systems to support welfare of patients, disabled and elderly people. The goal of DAMD program is to train global engineers who can help create a sustainable society.





Clean Cycle Chemistry Course to learn SDGs realized by chemistry

The SDGs are the "17 goals set by 193 UN member states to achieve in the 15 years from 2016 to 2030" adopted at the 2015 UN Summit. The "Clean Cycle Chemistry Course" is an active learning program with the theme of research and development aiming at the goals that can be achieved by chemical technology among the 17 goals and the establishment of the chemical technology. Professors in charge of this course are advanced researchers who promotes green chemistry research and green biogeochemical research to make elements a recyclable resource. The professors not only gives lectures, but also conducts active learning as a FACILITATOR of "cultivation of creativity". In one of the compulsory subjects, students will plan and present concept and chemical methods that students can contribute to achieving their goals in their respective research fields. Excellent Presentation Prize will be awarded to excellent proposal. and in addition, feasible collaboration proposals will be developed into cross-disciplinary cyclical chemistry research by conducting collaboration demonstration experiments between the students and professors in charge of this course. This course is intended for graduate students in the master's program to take the designated 5 compulsory subjects. (The language used for all curriculums is Japanese.) Those who complete the course will be awarded a "Certificate of Completion of the Clean Cycle Chemistry Course".



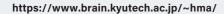
 Next-generation power semiconductor Website URL: http://www.life.kyutech.ac.jp/~ge3/en/



MAIN ACTIVITIES Join Robot Competitions!!

Hibikino-Musashi@Home

Hibikino-Musashi@Home is the student project team to develop a home service robot that helps our daily lives in a home Through active participation in the RoboCup@Home league and six times wins in worldwide competitions, they demonstrate their outcomes to realize the future of robots and also focus on robot Al education





ACHIEVEMENT

- RoboCup 2024 Eindhoven @Home DSPL 1st place
- WRS FCSC Convenience Store Innovation Task (Demonstration)
- WRS FCSC in CyberSpace
- RoboCup JapanOpen 2024, @Home DSPL 2nd place OPL 2nd place S-OPL 2nd place
- RoboCup 2023 Bordeaux, @Home DSPL 2nd place
- RoboCup JapanOpen 2023, @Home DSPL 3rd place, @Home OPL 2nd place
- RoboCup 2022 Bangkok, @Home DSPL 3rd place
- RoboCup Asia-Pacific 2021, @Home OPL 1st place, DSPL 1st place, S-OPL 1st place
- RoboCup 2021 Online, @Home DSPL 2nd place
- World Robot Challenge 2018, 2020, Real Space 1st place

TEAM INTRODUCTION

Team KUROSHIO, the allied team of 8 institutions including Kvutech, won the second place and 1 million US dollars in Shell Ocean Discovery XPRIZE, the international competition of autonomous ocean

exploration technologies.





Kyutech Underwater Team won in the AUV League of Underwater Robotics Competition in Okinawa URC in 2020-2022. As the URC is held in the sea, AUVs are required to be highly autonomous and hold



Hibikino-Toms, agricultural robots must work in the actual field and need AI, gentle mechanism to living things. Kyutech "Tometoers" join the Tomato-Harvesting-Robot competition and show good results (Winner in 2019, 3rd in 2020, 2nd in 2021)



Hibikino-Musashi, the Kyutech Robo Cup MSL team Hibikino-Musashi won the championship more than 10 times in Japan Open and one of experienced teams in World Cup. Each team joins with 5 soccer robots which act autonomously with mounted sensors only.

DEPARTMENT OF BIOLOGICAL FUNCTIONS ENGINEERING

Graduate School of Life Science and Systems Engineering

Division Overview



The research and education in this department deals with the realization of materials, structures and energy conversion functionalities of nature/organisms along with their utilization in engineering. The main objective of this department lies in discovering solutions to social issues like the global environment and human health to promote the creation of new industries, by integrating the fields of the environment, energy, materials, and bioengineering. Apart from this, global education such as international internship has been performed at our international research bases.

Divisions



Division of Green Electronics

This division is devoted to the investigation of "green electronics technology," such as the fabrication and evaluation of printable solar cells, new functional materials, and their application to electrochemical devices, organic photo-electronic devices, construction of flexible and efficient power conversion and motor control systems. development of energy production systems utilizing renewable energies and environmentally friendly devices with carbon materials. The teaching curriculum is provided under the research themes outlined above.



Divsion of Biological Mechanics

The research and education in this division are conducted based on mechanical engineering such as the mechanics of materials, fluid and thermodynamics, the dynamics of machinery and micromachining, and the materials science of metals and ceramics. These activities contribute to the following area of industrial/medical applications: (i) the maintenance and recovery of bio-functions, (ii) medical and welfare support, (iii) development of biocompatible materials and medical devices, and (iv) design and development of biomimetic materials and intelligent machines.





Division of Environment Conscious Chemistry and Bioengineering

The goal of this division is to re-vitalize the engineering technologies responsible for the sustainable development of industries and society with environmental consciousness. The academic field of this division includes chemical and biological research and technologies that are learned from the highly efficient reactions of biological systems. Environmentally conscious chemistry and bioengineering may lead to innovations in chemical and biological technologies. This division strives to globalize our graduate program through the development of frontier research in environmentally conscious chemistry and bioengineering.

Division of Green Electronics

Power Electronics

Professor, Ph.D

Study on power electronics and its application. Development of motor controls and power conversion systems

hanamoto@life.kyutech.ac.jp

https://www.life.kyutech.ac.jp/~hanamoto/

Power electronics

■ Motor control

Hardware control High efficiency power conversion ● Environmentally friendly control

Research Overview

Development of human-friendly and environmentally

friendly electrical power conversion systems and application for motor control systems.

Tsuyoshi HANAMOTO

Power Flectronics

Carbon Neutral Silicon Wefer

Research Overview Development of ultimate power semiconductor devices to atcheve carbon neutral. Power semiconductors are key device for xEVs, PVs and wind firm for the energy

Power Semiconductors, Power Electronics

Ichiro OMURA

Division of Green Electronics



Nanomaterials, solar cells, Metal ion batteries

Professor, Ph.D. Tingli MA

Development of nanomaterials and application for solar cell, metal ion batteries, metal air batteries

Design and syhtheses of nanomaterials and their

characterization. Development of new materials for

materials with high performance and low cost for

application to Li-ion batteries and Na-ion batteries,

stable perovskite solar cells. Development electrode

nail tinglima@life.kvutech.ac.ip

https://www.life.kyutech.ac.jp/~tinglima/

as well as metal-air batteries.

Research Overview

 Design and synhthesis of Nano material Li ion battery

Na ion Battery

 Metal air battery Perovskite solar cell

High performance

Application

Keywords

Division of Green Electronics

Division of Green Electronics



Functional Materials and Devices

Shyam S.PANDEY Professor, Ph.D.

Synthesis and Characterization of Photo-functional Materials for Advanced Device Applications

shvam@life.kvutech.ac.ip

Molecular design

noto-functional materials Smart sensing materials

Department of Biological Functions Engineering

Power semiconductors.

Power electronics and systems

omura@life.kyutech.ac.jp

https://power.kvutech.ac.ip/

Division of Green Electronics



Power semiconductor, Semiconductoer material

Associate Professor, Dr. Eng.

Akihiko WATANABE

Development of diamond power devices to realize the next generation power society

watanabe@life.kyutech.ac.jp

Diamond

Keywords

https://www.life.kyutech.ac.jp/~watanabe/ Research Overview

Research on ultra-high performance power devices based on the superior semiconductor properties of

 Ultra high voltage power device diamond. The realization of diamond power devices will contribute to the realization of a decarbonized society by enabling the highly efficient use of electrical energy and the construction of energy grids with the direct current transmission.

Division of Biological Mechanics



Biofluid Engineering

Professor, Dr.Eng. Masaaki TAMAGAWA

Biofluid Engineering for Advanced Medicine and Development of Medical Devices

tama@life.kyutech.ac.jp

Research Overview

https://www.life.kyutech.ac.jp/~tama/

Keywords

 Flow visualization Blood flows

• Computational Fluid Dynamics (CFD) 1. Computational and experimental studies of Hemolysis and Thrombus formation in blood flows, 2. Application of Shock Waves and Ultrasonic to Drug

 Hemolysis and Thrombus formation
 Delivery Systems, Water treatment, Tissue Engineer Shock wave drug delivery systems ing. 3.Development of driving force of micromachines. Micromachine with concentration Maragoni effect engine
 by investigating chemotaxis of neutrophile,
 Fractal analysis and network of arterials
 Keyword:Bio-fluid dynamics, Bio Medical Engineer-

Biomechanical Analysis of Brain Injury by Fall ing, CFD, Shock Wave

Solar cells

Organic devices

https://www.life.kyutech.ac.jp/~shyam/

Research Overview

Design and development of photo-functional materials for energy harvesting and organic electronic devices.

Division of Biological Mechanics



Biomechanics



Professor, Dr. Eng.

Biomedical Engineering and Biomechanics for Life-Sustaining Technologies

Hiroshi YAMADA

il yamada@life.kyutech.ac.jp https://www.life.kyutech.ac.jp/~yamada/

Keywords

Biomedical engineering

Mechanical testing

 Sensor device development Vascular diseases Pressure injury

Research Overview Medical diagnosis assistance and prevention of diseases and injuries through measurement-device development, mechanical testing, constitutive modeling and computational analysis, focusing on mechanics of diseased arteries, endodontic treatments, prevention of pressure injury

Division of Biological Mechanics



Bio-microdevices

Professor, Ph.D.

Takashi YASUDA

Study on Bio-microdevices for Medical Research and Drug Discovery

yasuda@life.kyutech.ac.jp https://www.life.kyutech.ac.jp/~yasuda/

Keywords

Semiconductor processing

 Microfluidic device MPS (Microphysiological systems)

 Cell culture ● Cell analysis Nerve cell

● iPS cell

Research Overview

Using techniques of semiconductor processing and ■ MEMS (Micro Electro Mechanical Systems) cell culture, we are developing microdevices for medical and drug discovery applications, including devices for analyzing human iPS cell-derived neurons microelectrode array devices for measuring electrical signals from neurons, and microfluidic devices with reconstructed brain structure.

Division of Biological Mechanics



Functional Biomaterials

Toshiki MIYAZAKI Professor, Ph.D.

Development of novel biomaterials for tissue repair

tmiva@life.kvutech.ac.ip

https://www.life.kyutech.ac.jp/~tmiya/

Research Overview

Keywords

Biomateria Biocompatible material

Ceramics Hybrid material Artificial bone

 Artificial joint Cancer treatmen Development of biocompatible materials for repair and regeneration of bone, tooth and nerve Development of ceramic processing with low energy

consumption inspired by biological system Development of microparticles for cancer treatment

Division of Biological Mechanics



MEMS-based biomedical engineering

Associate Professor, Momoko KUMEMURA

MEMS, Microfluidics for oncological studies

-mail momo@life.kyutech.ac.jp

https://www.life.kvutech.ac.ip/~momo/

Research Overview Applying MEMS (Micro Electro Mechanical Systems) Micro Total Analysis Systems technology to biological research at the molecular, cellular, and tissue level. Development and characteriza

Real-time measurement DNA

Mechanical characterization

Keywords

MEMS

Microma

tion of novel microfluidics for mechanical, chemical, and genetic assays for oncological studies.

On-chip analysis



Functional Interface Engineering

Professor, Dr. Eng. Tetsuya HARUYAMA Establishing technology from elucidation of interface functions: leading to solutions to social issues

ail haruyama@life.kyutech.ac.jp

https://www.life.kyutech.ac.jp/~haruyama/

Research Overview

 Functional interface New energy ■ CO₂ fixation Radical chemical process

Phases and Interfaces

Keywords

We are developing research to realize various functional interfaces (reaction fields) by elucidating the functions of heterogeneous interfaces. "Chemical resource conversion of nitrogen, oxygen, and water

(phase interface reaction technology) that converts CO2 into resources", "process technology with low environmental load", "safe decomposition of harmful substances", etc.

Division of Environment Conscious Chemistry and Bioengineering



Keywords

Photocatalyst

Nanomaterial

Photoelectrode

Photoacoustic spectroscopy

Analytical Physical Chemistry

Professor, Ph.D. Naoya MURAKAMI Spectroscopic analysis on semiconductor photocatalyst and development of photocatalytic system for light-energy conversion

Research Overview

murakami@life.kyutech.ac.jp

Analysis of photofunctional material using photoacoustic spectroscopy, Development of photocatalytic system for light-energy conversion.

https://www.life.kyutech.ac.jp/~murakami/

Division of Biological Mechanics



Intelligent machine

Associate Professor,

Kazuto TAKASHIMA Ph.D. (Eng.) Study on soft sensors and actuators, and

industrial technologies ktakashima@life.kyutech.ac.jp

https://www.life.kyutech.ac.jp/~ktakashima/english/index-e.html Research Overview

 Smart soft materials Soft actuator

● Endovascular treatment Tactile sensor Surgical simulato

 Stiffness control Biotribology

Keywords

Applications of shape-memory materials and artificial muscle to human-interactive robot. Development of soft tactile sensor. Development of device placement

Division of Biological Mechanics



Harmonic Functional Materials

Associate Professor, Jin NAKAMURA

simulator for endovascular treatment.

Development of harmonic functional materials towards medical and environmental applications

jin@life.kyutech.ac.jp https://www.life.kyutech.ac.jp/~jin

Keywords Functional materials

Environmental purification

Ceramics Metals Organic molecules Tissue regenerative medicine

Research Overview

Development of composite materials (ceramics, metals, and organic molecules) that exhibit multifunctions in response to stimuli emitted by living

organisms. Development of synthetic processes for composite materials with controlled structures at molecular order. Development of materials for tissue regeneration medicine and environmental purification

Division of Environment Conscious Chemistry and Bioengineering



Microbial Biotechnology

Toshinari MAEDA Professor, Ph. D. Advanced Biotechnologies using Unique

Microbial Functions

toshi.maeda@life.kyutech.ac.jp https://www.life.kyutech.ac.jp/~toshi.maeda/

Research Overview Keywords

 Metabolic Engineering Protein Engineering Genetic Engineering

Environmental Bio-adaptation

White Biotechnology

Unique microbioal functions can be elucidated and improved using biotechnologically-engineered approaches to construct an innovative technology which should be useful to the environment and human society

Division of Environment Conscious Chemistry and Bioengineering



Biopolymers, Structure and Function Associate Professor, Tamaki KATO

tmkato@life.kyutech.ac.jp

Design, synthesis, and conformational analysis of functional biomolecules.

https://www.life.kyutech.ac.jp/~tmkato/

Research Overview

Design, synthesis, and conformational analysis of peptide-based artificial functional molecules (Peptide nanostructures, peptide-based drug design etc).

Keywords

Peptide Enzyme

 Amino acids
 Molecular design Organic Synthesis

SAR

Division of Environment Conscious Chemistry and Bioengineering

Biomolecular Engineering

Associate Professor, Shinya IKENO

Development and application of functionalized nanomaterials using biomolecular

ikeno@life.kvutech.ac.ip

https://www.life.kyutech.ac.jp/~ikeno/index-e.html

Functionalized peptide

 Genetic engineering Recombinat protein

 Biopesticide Drug screening Biostimulants

Nanoparticle

I have been studying development of functionalized nanomaterial combined with biomolecule and nanoparticle, and application of functionalized

biomolecular to bioprocess such as production of recombinant protein.

Division of Environment Conscious Chemistry and Bioengineering



Catalyst Electrolytic Engineering

Associate Professor, Yoshiyuki TAKATSUJI

Efficient and selective electrochemical conversion of substances

-mail takatsuji@life.kyutech.ac.jp

Keywords

Catalytic metal electrode

 Plating technology ● CO₂ fixation

Energy and environment

Research Overview

Our research has committed to solving to environmen tal and energy problems with the catalytic a metal

Hideki HONDA

electrode that can produce the efficiency substance. The catalytic metal electrodes have been developing and also analyzing the reaction mechanism and the produced substance. We will pursue research in the field of clean cycle chemistry (Tri-C) and achieve the goals of the SDGs.

Division of Green Technology



Mechatronics

Visiting Professor, Doctor of Engineering

YASKAWA Electric corporation https://www.yaskawa.co.jp/

Mechatronics Control to fit in human society

honda@life.kyutech.ac.jp

https://www.life.kyutech.ac.jp/~honda/

Next Generation Power Electronics Research Center

Assistant Professor,

Dr. Eng.

Mechatronics Control Theory Motion Control

Keywords

Keywords

Power Electronics

Gate Driving Control

Power Semiconductor Device

Power Converter ControlHardware-in-the-loop (HIL)

● Model based design (MBD)

Research Overview

As robots are good examples, mechatronic devices are now used in various fields as well as in the industry. Therefore, in addition to research on the high-speed and high-accuracy performance required by the industry, we also study mechatronics technology that is kind to people and supports them.

Power Electronics, Power semiconductor

Power electronics systems can utilize green energy by

converters and control technology for environmentally friendly technologies, and virtual prototyping using

efficiently converting electrical energy. We are

conducting research on power semiconductor

model-based development and design (MBD).

Power electronic system control and

https://power.kyutech.ac.jp/

tripathi.ravi-nath639@mail.kyutech.jp

power semiconductor control

Research Overview

Tripathi Ravi Nath



Biomass Utilization in Sustainable Material Development

https://www.life.kyutech.ac.jp/~green_material/wp/

Green Chemistry Cellulose

resource, the goal is to develop materials that do not rely on petroleum-derived raw materials. Wood mass contains natural polymer materials such as cellulose, lignin, oligosaccharides, and lipids, By utilizing these components, new materials are designed and explored to help address issues such as

Division of Environment Conscious Chemistry and Bioengineering



Keywords Biomass

Cellulose

■ Sustaibable Society

Additional value

Agricultural waste

Organic Synthesis

 Global Issue Polymer Materials **Environmental-Benign Functional Materials**

Associate Professor, Ph.D. Yoshito ANDO

Design and evaluation of high-value functional materials from iomass and waste for a circular economy

vando@life.kvutech.ac.ip

https://www.life.kyutech.ac.jp/~yando/wp/?page_id=34

We aim to pursue environmental conservation and sustainable science by focusing on environmentally

friendly materials and processes. Our research involves identifying the properties of biomass and natural materials, including underutilized agricultural waste, and designing and evaluating high-value functional materials that leverage these properties.

Division of Green Technology

Micro-Technology

Visiting Professor.Ph.D. YASKAWA Electric corporation https://www.yaskawa.co.jp/

The research on the upgrading of the materials or Mechatoronics equipments

sasaki@life.kyutech.ac.jp

• Functional Thin Film Solid Lubrication Bearing Vapor Deposition

Magnetic Material

https://www.life.kyutech.ac.jp/~sasaki/sasaki_j.htm

Research on functional materials utilizing the unique phenomena, which are prominant in a micro/nanometer scale.

Division of Plant Life-cycle Engineering



Plant Life Cycle Engineering

Special Appointment Associate Professor

Masahiro NAKANO

Iwao SASAKI

Plant Life Cycle Engineering

Research Overview

mail nakano.masa@life.kyutech.ac.jp

Keywords

 Plant Life Cycle Robot welding Image analysis

Plant Life Cycle Engineering (Research on autonomously controlled robot welding, and Research on thermal elasto-plastic analysis of welds and ● Thermal elasto-plastic analysis optimization of welding order)

AI Equipment diagnosis Welding repair

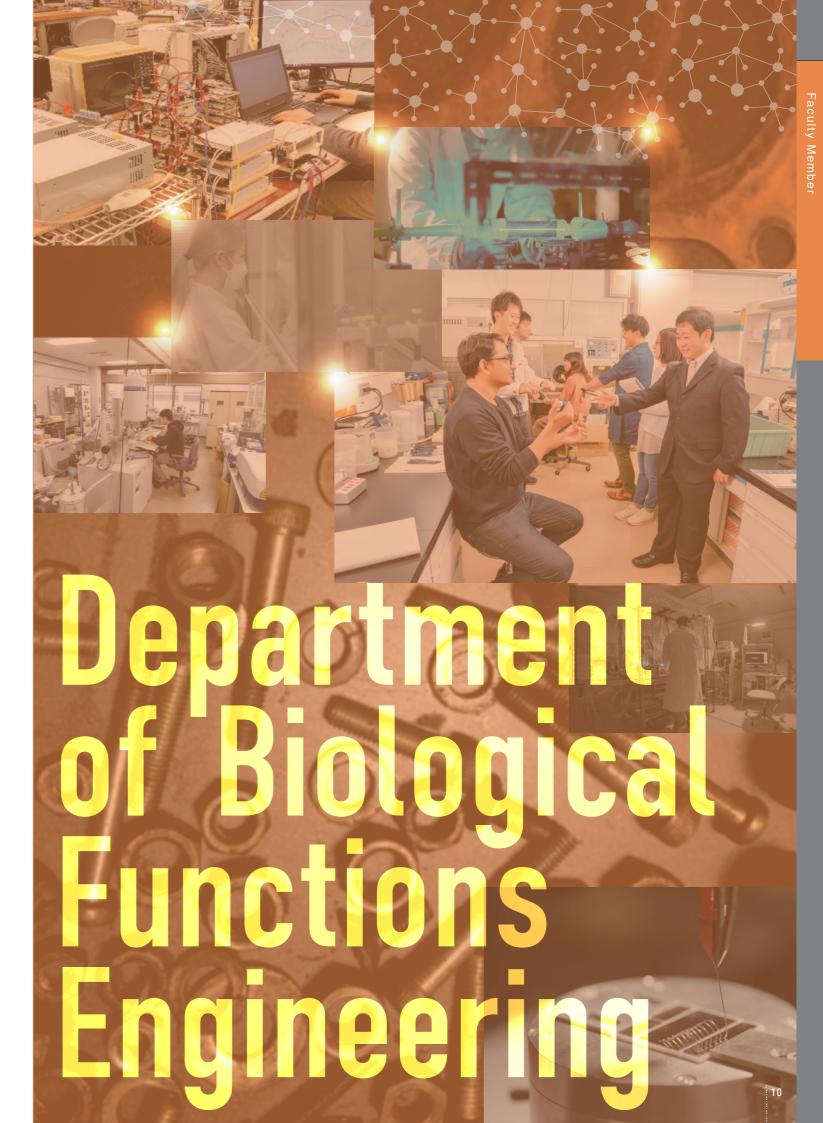
Collaborative Research Centre for Green Materials on Environmental Technology

Biomass Materials Engineering Assistance Professor, Jacqueline LEASE

lease.jacqueline285@mail.kyutech.jp

Research Overview

Focusing on wood-based biomass as a sustainable



FACULTY MEMBER

Division of Human Intelligence and Machines



Underwater robot

Agricultural robot

Soccer robot

Field Robotics

Professor, Ph.D

Kazuo ISHII Research on field robotics and their applications

ishii@brain.kvutech.ac.ip

https://www.brain.kyutech.ac.jp/~ishii/

Research Overview

Development of field robots such as underwater robot, agricultural robot, inspection robot, and research on

Inspection robot Motion control system Neural networks

Division of Human Intelligence and Machines

related topics, environment recongnition system, self-localization system, adaptive learning system,

Human function substitution systems

Professor, Ph.D. (Eng.) Chikamune WADA

Research on developing functional substitution

https://www.brain.kvutech.ac.ip/~wada/

Research on developing human-friendly assistive

people based on psychophysical analysis of human

on human sensory/motor characteristics

mail wada@brain.kyutech.ac.jp

Research Overview

sensory-motor systems.

system for the disabled/the elderly people based

motion control system, bio-inspired information

Division of Human Intelligence and Machines



Intelligence Emerging Nanosystems

Hirofumi TANAKA

Design, development, and integration of nanodevices for artificial intelligence hardware devices

-mail tanaka@brain.kvutech.ac.ip https://www.brain.kyutech.ac.jp/~tanaka/

Research Overview Keywords

- Intelligent information
- processing nanodevices Artificial intelligence nanodevices
- Neuromorphic nanodevices circuit of the nanodevices.
- Integrated circuits for nonlinea dynamical nanosystems, and nanostructure device designing

Research and development of electric nanodevices for artificial intelligence hardware, whose target is to generate new electrical functionalities by using the

Division of Human Intelligence and Machines



Brain-like Computer System

Hakaru TAMUKOH Professor, Ph.D.

Realization of a brain-like computer system and its application to human-friendly systems

-mail tamukoh@brain.kyutech.ac.jp https://www.brain.kvutech.ac.ip/~tamukoh/

- Brain-like computer
- device/substitution system for the disabled/the elderly Softcomputing
 - hw/sw complex system Digital hardware design

Research Overview

A brain-like computer system laboratory aims to realize a brain-like computer based on a hardware/software complex system and its application to

embedded systems on home-service robots.

Division of Human Intelligence and Machines



Human interface

Assistive technology

Functional substitution

Biological information

Biological data measurement

Rehabilitation engineering

Bio-inspired artificial vision

Associate Professor, Shinsuke YASUKAWA

Information processing in biological sensory systems and their applications in field robotics

s-yasukawa@brain.kyutech.ac.jp http://www.brain.kyutech.ac.jp/~s-yasukawa/

Research Overview

techniques in field, etc.

Keywords

Bio-inspired system

Robot vision

Development of living creature observation/

manipulation technique using robot, Simulation of the visual nervous system, Development of Bio-inspired robot vision system, Trials of their

Division of Human Intelligence and Machines



Field Robotics

Associate Professor, Yuya NISHIDA

Dr.Eng. **Development of control system and technology**

for field robot

mail y-nishida@brain.kyutech.ac.jp

Research Overview

to benefit society.

Keywords

Field robot

- Motion control

To reliably accomplish the mission, our laboratory develops robot that robustly navigates in actual environment, and its elemental technology. We survey actual environment using developed robot and system

Division of Human Intelligence and Machines

Associate professor,



Brain-inspired integrated system

Yuichiro TANAKA Ph.D. **Development of brain-inspired artificial** ntelligence and its application for robots

ail tanaka-yuichiro@brain.kyutech.ac.jp

Keywords

Soft computing

Hippocampus

Amygdala Prefrontal cortex ■ FPGA

Home service robot

Research Overview

Aiming for a future in which home service robots work as human partners, I develop artificial intelligence models that mimic the functions of the brain. especially those of the hippocampus, amygdala, and

prefrontal cortex, and hardware that operates them with low power consumption

Division of Human Intelligence and Machines



Nano device and brain-like integrated system

Associate Professor, Sumito TSUNEGI Dr. Eng. **Construction and Application of**

Brain-Like Integrated System Utilizing Nanodevices

mail s_tsunegi@brain.kyutech.ac.jp

Research Overview Keywords

Intelligent information processing

 Neuromorphic nanodevices Spiking neural network

Integrated circuits for nano device

 Application of spintronics CMOS technology and its application

With the limitations of semiconductor miniaturization, nanodevices utilizing novel physical properties have

attract much attention. We study spiking neural networks (SNNs) that mimic the behavior of synapses and neurons using nanodevices, including spintronics devices, aiming for applications such as robotic

recognition processing.

Divisions



Division of Human Intelligence and Machines

Division of Human Intelligence and Machines is teaching and researching in the fields of robotics and devices, which could realize human-like intelligence by utilizing rational and significant structures as well as functions of biological organisms to achieve low-energy consumption, harmony with the environment and human-friendly behavior. Through the teaching and research, we will bring students up to be persons and professionals who are actively involved in the global world with to create new public services,new business,and new social value



DEPARTMENT OF HUMAN

Graduate School of Life Science and Systems Engineering

Department of

Department of Human Intelligence Systems aims to incorporate the

principles of human intelligence into intelligent information processing plat-

forms and artificial intelligent systems, as well as to actively contribute to

the development in the industry. The research and education in this department covers but is not limited to (i) advanced development of mechanical systems and devices such as intelligent autonomous robots, (ii)

intelligent information system development and artificial intelligence algo-

rithms design that incorporates the principles of human reasoning, (iii)

scientific analysis of social activities and human intelligence by using

mathematical modeling, brain science and cognitive science in general.

INTELLIGENCE SYSTEMS

Division Overview

Division of Intelligence Systems and Emergent Design

The division is engaged in the design of new technologies and theories that are inspired by human intelligence.It is a form of societal engineering focusing not only on cognitive functions of recognition, learning, and reasoning,but also on social abilities with emotions, Kansei, and communications. This field requires the study of mathematical modeling,informatics,and systems engineering toward a comprehensive understanding of computation in brain-body environment interaction and an advanced development of intelligent partners and platforms.



Division of Human Interaction and Brain Functions

It is important to study the relationship between the function of the brain, and the nature of society made by humans to clarfy human intelligence. In this division, we study the characteristics of neurons of which the brain consists, the information processing in which many neurons are involved, behaviors as results of the processing, and the communication mechanism of humans in a

Shuhei IKEMOTO

Assistant Prof, Dr. Sci. Yuki USAMI

Creation for brain-inspired information processing system by nanomaterial

usami@brain.kvutech.ac.ip

Keywords

 Hybrid material Mesoscopic physics Neuromorphic computing

In-materio reservoi

 Nanostructure analysis Molecular electronics

Research Overview

Research and development of nanoscale various basic pysical properties of organic/inorganic materials for extracting flexible bio-inspired function. Creation of unconventional nanodevices by circuitization and deviceization from nanomaterial function

Division of Human Intelligence and Machines



Brain-like artificial intelligence

Integrated systems for robots

Integrated circuit for nonlinear

dynamical system

Analog integrated system

Brain-like Integrated Systems

Department of Human Intelligence Systems

Specially Appointed Takashi MORIE Professor, Dr.Eng. Design and development of integrated circuits, devices and systems for brain-like artificial

morie@brain.kvutech.ac.ip

https://www.brain.kyutech.ac.jp/~morie/

Research Overview

Research and development of brain-like processing models, new functional devices and digital/analog integrated circuits (VLSI) and systems mainly Vision and image recognition model

targeted to service robots toward achieving brain-like artificial intelligence.

Division of Intelligence Systems and Emergent Design

Division of Intelligence Systems and Emergent Design



Learning theory of brain-like artificial intelligence

Tetsuo FURUKAWA Professor, Ph.D.

Learning theories of brain-like artificial intelligence and embodied knowledge discoverty from complex data network

-mail furukawa@brain.kvutech.ac.ip

https://www.brain.kvutech.ac.ip/~furukawa/ Research Overview

- Brain-like artificial intelligence
- Learning theory of meta-modeling
- Emergence of intelligence Visual analytics

Human and Social Intelligence Systems

Tomohiro SHIBATA Professor, Ph.D.

Science and Engineering Understanding of Huma and Societies, Assistive System Development for Nursing and Medical Care, and Welfare, and Social Implementation

tom@brain.kvutech.ac.ip

https://www.brain.kvutech.ac.ip/~tom/

- Artificial intelligence
- Biological Signal Processing

Social Implement

Keywords

Brain Science Nursing and Medical, Care, Welfare

Research Overview

private companies, and governments.

We are researching and developing assistive technologies to apply various knowledge and technologies, such as robotics, artificial intelligence, biomechanics, and biological signal processing, to the medical, nursing, and welfare fields. We are also promoting the social implementation of these technologies in collaboration with various players, including the elderly, people with disabilities, medical, nursing, and nursing care professionals

Division of Intelligence Systems and Emergent Design



Intelligent Information Processing Systems

Professor, Ph.D.

Keiichi HORIO

Our destination is to develop the learning theory and

its algorithms, which enable us to discover general

rules and intrinsic information underlying the given

datasets. Typical themes are higher-order modeling

throughh meta-learning and multi-task learning. We

also challenge to devleop embodied knowledge

discovery systems from complex data network.

evelopment of fundamental technology of ntelligent information processing system aiming at nodeling and analyzing behavior of human beings

horio@brain.kyutech.ac.jp

https://www.brain.kyutech.ac.jp/~horio/

Keywords

- Behavior analysis
- Estimation of personality
- ntelligent data analysis Intelligent image processing Learning systen

Research Overview

The Research aimed at estimating and classifying individual characteristics by measuring and analyzing human behavior. Besides, we pursue optimization of the intervention method based on analysis results and aim to apply it to real-world society, especially data

rch loT / Big Data



Professor Doctor of Engineering

Sozo INOUE **Human Activity Recognition and Application**

to Elderly and Nursing Care sozo@brain.kyutech.ac.jp

https://sozolab.jp

Human Activity Recognition

Application for Healthcare / Nursing

Application of Machine Learning

We develop human activity recognition from smartphones and sensors, and their services. We also cultivate AI by collecting medical and nursing care big

Division of Intelligence Systems and Emergent Design



Brain-Inspired Robotics and Intelligence Dynamics

Hiroaki WAGATSUMA

Investigating principles of neural dynamics, oody kinetics/morphology and societal abilities to understand biological intelligence

https://www.brain.kyutech.ac.jp/~waga/

waga@brain.kyutech.ac.jp

Research Overview

Keywords

Nonlinear dynamics

 Emergent intelligence Episodic memory and emotion

 Societal robot Computational neuro Neuroinformatics

Sport biomechanics

Rehabilitation suppor

We explore systems design inspired by biological emergent intelligence, through an understanding of what makes us human (intelligence), how we are embodied in the environment (body kinetics/ morphology), why emotional and social aspects are so important to us (sociality). Our mathematical modeling and investigation are applied to the design of an artificial intelligence, robot development, and rehabilitation tools.

Division of Intelligence Systems and Emergent Design



Human and Social Intelligence Systems

Research Overview

Hiroki OBATA Professor, Ph.D.

Research on neuro-rehabilitation and motor learning

mail obata@dhs.kyutech.ac.jp

Keywords

Snorts Science

Neurorehabilitation

 Medical and Welfare Engineering Sports for the Disabled Biological Signal Processing Biomechanics

Research Overview

The objective of the research is to develop new neurophysiological methods or assistive devices which promote gait rehabilitation and motor skill training by approaching both sides of neuroscience and engineering.

Division of Intelligence Systems and Emergent Design



Kansei Information Processing, Soft Computing

Associate Professor, Kaori YOSHIDA Dr. (Eng.) Designing information system based on Kansei

nformation Processing kaori@brain.kvutech.ac.ip

https://www.brain.kyutech.ac.jp/~kaori/

Research Overview Keywords

- Human-Computer Interaction Soft Computing
- Cognitive Psychology
- Intelligent Image Processing Information System Design

We study Kansei Information Processing as one of

Human-Computer Interaction research. The research aims to design appropriate information systems based on psychological, social, and technical analysis. Research topics include human-centered design, soft computing, usability, conceptual models, interface metaphors, human cognitive models, implicit behavior analysis, and interactivity structures

Division of Intelligence Systems and Emergent Design



Statistical learning theory

-mail ishibashi@brain.kvutech.ac.ip

Research Overview

Assistant Professor, Hideaki ISHIBASHI Information geometry based meta-modeling

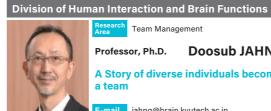
Multi-task learning

 Meta-learning, Bayesian inference • Information geometry

Friston's free energy principle

The aim of our research is to develop the learning theory and its algorithms for meta-modeling, which enables to discover meta-knowledge by modeling a set of knowledges or models. We also aim to construct universal framework for actively modeling of

meta-knowledge by connecting the Friston's free energy principle



Team Management

Professor, Ph.D. Doosub JAHNG

A Story of diverse individuals becoming one as

mail jahng@brain.kyutech.ac.jp https://www.brain.kyutech.ac.jp/~jahng/

Keywords ■ Team Communication

Comprehensive Health Resources

Occupational Health Marketing Key Words Meeting^e ersatile Educational Tools

Research Overview For diverse individuals to agree with each other and become one as a team, innate needs, learned

knowledge/skills acquired needs from personal/ environmental circumstances, self-action, health resources and communication become essential. We conduct research on the factors above by utilizing both people's conceptual needs and experimental/ statistical designs to further our study on team management.

Division of Human Interaction and Brain Functions



Keywords

Neuroscience

Associate Professor, Yoshitaka OTSUBO Ph.D.

Taste transduction mechanisms

otsubo@brain.kyutech.ac.jp https://www.brain.kyutech.ac.jp/~otsubo/

Oscillating receptor potentials with action potentials

■ Ca²+-imaging Single cell RT-PCR

■ Taste signal transduction

Research Overview

We investigate the cellular and molecular mechanisms underlying the signal processing occurred in mammalian taste buds and we contribute to develop a new signal

Division of Intelligence Systems and Emergent Design



Bioinspired Intelligence Systems

Ph.D. Robots/Algorithms inspired from biological

ikemoto@brain.kvutech.ac.ip

https://www.brain.kyutech.ac.jp/~ikemoto/index.html Research Overview

- Bioinspired robot
- Bioinspired algorithm Learning control Stochastic resonance

Keywords

Behind sophisticated abilities of living organisms are the mechanisms that exploit demerits, e.g., complexity/flexibility of body and unignorable noise, as merits. Toward understanding and applying the mechanisms, academic studies about biologically inspired systems based on robotics have been conducted.

Division of Human Interaction and Brain Functions



Neuronal rhythm and Brain Machine Interface (BMI)

Kiyohisa NATSUME Professor, Ph.D. The relationship between the generation of

neuronal rhythm and memory process

natume@brain.kvutech.ac.ip https://www.brain.kyutech.ac.jp/~natume/

Research Overview

Keywords Neuronal rhythn

- EEG Circadian rhvthm
- Hippocampus L2 English learning

Music rhythm

esports

Memory

Learning

Electrorecepto

We study experimentally on the generation of neuronal rhythm and compute the rhythm on the computer. We also developed the e-learning system for Japanese English

Katsumi TATENO

Professor,Ph.D.



Mathematical Neural Network

learners using BMI technology.

Neural coding and Neurodynamics

tateno@brain.kyutech.ac.jp

https://www.brain.kyutech.ac.jp/~tateno, Keywords Research Overview

 Neural coding Our interests are complex behavior of neural activity and theoretical investigation on neural coding in the Medial entorhinal cortex brain. Specifically, we are currently researching neural

Division of Human Technology



Systems Intelligence

system development

Visiting Professor, Hiroshi NAKAJIMA Ph.D. **OMRON CORPORATION** https://www.omron.com/jp/ja/technology/ Basic and applied research on intelligent

network models of the medial temporal lobe.

Keywords Research Overview

 Intelligent system Soft computing

 Computational intelligence Causal analysis Social intelligence Systems healthcare Health managemer

Research and development on algorithms of intelligent

systems by studying soft computing, statistical analysis, and social intelligence in human-machine collaboration systems with application studies.



Vision Sensing

Visiting Professor, Masaki SUWA Ph.D. OMRON CORPORATION

Basic and applied research on intelligent vision system

- Vision Sensing
- 3D SensingPhysics-based Vision Pattern Recognition

Research Overview

Research and development on vision sensing technologies such as object detection, 3D surface reconstruction and reflectance property analysis, for

applications in factory automation or society's infractructure.

Biomimetic Robot System

Visiting Professor, Takayuki MATSUO

National Institute of Technology, Kitakyushu College **Development of Robot Systems based on** motion control and information processing system of animals

Keywords

- Adaptive control
- Nonlinear oscillator Neural network

Care XDX Center



Human-Centered AI / Ubiquitous Computing

Assistant Professor, **GARCIA Christina Doctor of Engineering** Ambient sensing and recognition systems for healthcare

garcia.christina-alvarez199@mail.kvutech.ip

- Human-Centered Al
- Indoor Localization

Research Overview

Developing ambient sensing and recognition systems merging multimodal data and context for healthcare application and human-centered Al. We deploy systems and collect real-field data from hospitals.

Division of Human Technology



Research Overview

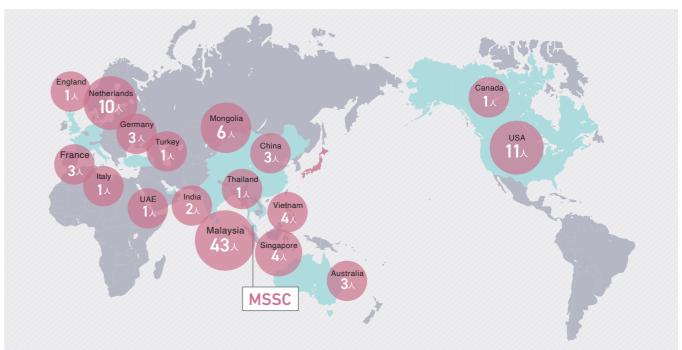
Development of mobile robot systems inspired by mechanisms of animals for irregular terrain

Jepartment

List of overseas dispatched students in FY2024 (by country)

Since globalization is a priority at LSSE, we are striving to develop internationally competent human resources, by mutually sending students to partner schools.

The "MSSC", which was established in 2013 on the campus of Universiti Putra Malaysia (UPM), one of our partner universities, supports students and faculty in their study and research activities in Malaysia, including study abroad programs, internships at Japanese companies in Malaysia, and joint research.



Tuition and Enrollment fee Research Assistant and Living cost

Only a limited number of students can get exemption of full or half of fees through a selection procedure.

▶ Application fee: ¥30,000

▶Enrollment fee: ¥282.000

▶ Tuition fee: ¥267,900 per half year

Doctoral course students may get about ¥45,000 per month as a research assistant. The monthly cost of living in Kitakyushu city is approximaterly from ¥60,000 to ¥80,000

including house rent and utilities.

For a list of scholarships and details on each scholarship, please check the Kyutech website.

https://bap.jimu.kyutech.ac.jp/publishes/11302/index



Accommodation

Students can apply to stay in the international student housing (Sakura House) near Wakamatsu campus. However, as we have limited rooms available, not all students will be able to stay at Sakura House.

The rent of Sakura House is ¥13,500 per month.

Tutor

A tutor, who is a current student in the laboratory, can help new students for their study and daily life in Japan. This tutor system is available for the first three months after enroll-

Students can take Japanese language classes appropriate to their level.

▼English Information for international students in our website is as follows.

Q https://www.kyutech.ac.jp/english/

Why Kyutech?

I would like to make use of the knowledge I've acquired here in Kyutech to work in the semiconductor industry in my home country (Malaysia). I aim to be a research and development engineer in this industry and as a way of giving back to my country. I enjoy working with machines and in the clean room as it gives a sense of peace because doing precision work with 100% focus allows me to relax in way. The research I'm involved in now (Neuromorphic Computing) has a bright future and I'm positive I could be the pioneer or the one who will be responsible to bring this technology to Malaysia. This could open opportunities for future collaboration between Malaysia and Japan in terms of trade and knowledge transfer. Ultimately, I aim to be a humble servant of God, acknowledging that all knowledge belongs to Him and striving to use my abilities in service to others.

Why Kyutech?

I chose Kyutech because it is a prestigious university renowned for its strong academic programs and innovative research. Additionally, Kyutech maintains an excellent relationship with my previous institution, Universiti Putra Malaysia (UPM), which made the transition smoother. I had heard a lot about Kyutech's welcoming environment for international students, especially through opportunities like the MEXT scholarship. The diverse range of research topics available here presented a fantastic opportunity for me to pursue my academic interests.

About Research

In my research, I focus on neuromorphic computing, an innovative area of artificial intelligence that aims to mimic the computational processes of the human brain. While AI is increasingly prevalent across various fields, its complexity often leads to high power consumption. Neuromorphic computing addresses this challenge by enabling complex task performance with significantly lower energy usage, around 20 watts. My work involves leveraging material science to design and develop devices that can perform intricate computations efficiently, thereby overcoming the limitations of traditional AI systems

Best point of Kyutech

The best aspect of Kyutech is its dedication to accommodating both local and international students. The university goes above and beyond to create an inclusive and welcoming environment through various initiatives such as organized bus tours, mochi-making events, and other cultural activities. These efforts foster strong relationships

among students from diverse backgrounds, making Kyutech a truly international and supportive

My recommended place from Kyutech

I highly recommend visiting the pavement in front of Kyutech, where the sakura trees line up beautifully. especially during the spring season. It's a serene and picturesque spot that I often enjoy taking walks in whenever I have the chance. The cherry blossoms create a stunning backdrop, providing a perfect place to relax and appreciate the natural beauty around the campus.

What surprised me most in Japan

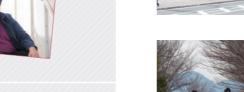
What surprised me most about Japan is the rich language, unique culture, diverse cuisine, and the distinct four seasons. Coming from Malaysia, where we primarily experience hot and rainy weather throughout the year, the clear seasonal changes in Japan were quite remarkable. The cultural nuances and the variety of traditional and modern foods also provided a fascinating and enriching experience.

What kind of life

I maintain a balanced lifestyle by dedicating the five working days to intensive research and academic pursuits. On weekends. I take the time to rest. reflect on life, and engage in activities that help me unwind, such as playing games. This balance allows

me to stay productive during the week while also ensuring I have ample time to recharge and maintain my well-being.

Souwalauk Na Khampo



Wakamatsu Campus in Kitakyushu Science and Research Park



Graduate School of Life Science and Systems Engineering



Cafeteria



Kitakvushu Science and Research Park





0	Shinkansen (Nozomi)	Airline
Commute Time From	Tokyo — Kokura About 4H45M Shin Osaka — Kokura About 2H Hakata — Kokura About 17M	Tokyo — Kitakyushu — About 1H35M Tokyo — Fukuoka — About 1H40M Seoul — Fukuoka — About 1H10M Beijin — Fukuoka — About 2H15M HongKong — Fukuoka — About 2H50M



Master's degree at Kyutech. About Research

First, I know several supervisors from Thailand

who graduated from Kyutech, and when they

talked about their activities, it sounded so

interesting. Moreover, since January 2023 I have

participated as an exchange student for 10 days

in a PBL class with Kyutech lizuka campus

students, I also had an opportunity to visit the lab

at both the Wakamutsu and the lizuka campuses.

After completing the project. I cannot stop thinking about Japan, and Fukuoka city-

everything was so impressive. As a result, I set a

new goal to return, and I decided to study for a

The enormous impact problem in the world is single-use plastic which requires solving. In our lab focus on the improvement of biomaterials can be instead of Petro based, then my research focus on biodegradation of biomaterials by superworms. Moreover, in this project have been studying how after superworms eat food fed for them, what is happening? When pass biodegradable is made it happens by superwoms, also is it can be

Best point of Kyutech

The best point of Kyutech is the people, there are several people who come from everywhere in the world. Then you can learn about their culture and languages, because of diversity. In addition, Kyutech is one of the best universities in Japan, so you can get various knowledge from here.

My recommended place from Kyutech

It's the first floor that has a table tennis table. also you can borrow table tennis stuff from the student section for free. I have found a lot of people there, it's a good sport for breaking the ice with your friends.

What surprised me most in Japan

I think about "Transportation" which is different from Thailand, Kitakvushu it's the southern part of Japan but there are many line trains you can use for travel, also buses. On the other hand, in Thailand if you are a person who lives outside Bangkok or the perimeter, quite hard to travel if you do not have your own car. Moreover, sometimes when you walk through children or someone, they will say "Konichiwa" to say hi to you this looks so kind.

What kind of life

I love to do activities, play games, do sports, and go to travel. In addition, I love watching Formula 1 and cars racing, then when I walk around the city I see a lot of cool cars. I am so happy. To be honest, I already paid for a Formula 1 ticket to the Suzuka circuit, but I do not have a friend to go with me, lol. Currently, I still find activities that I can do with friends, such as yakiniku or traveling somewhere, I am very enjoyable



In the future, I require work in research and development, either in the industrial or academic sectors, depending on the opportunity at that time. I plan to continue research that addresses reducing or eliminating single-use waste as much as possible. This will be quite challenging, both in terms of research and in making it a reality in the industrial sector.

Other Campuses of Kyushu Institute of Technology



Tobata Campus



lizuka Campus

