

Message from the President



President Kyushu Institute of Technology Yasunori MITANI

Making innovations on the campus by bringing diverse people and future technologies together.

Kyushu Institute of Technology (Kyutech), originally opened in 1909 as a private institution named "Meiji College of Technology", has been acknowledged as one of the most distinguished traditional national universities of Japan.

By practicing our founding principle, "instilling a deep knowledge of science and engineering in high caliber students", Kyutech has produced more than 70,000 engineers with excellent intelligence and technological expertise and has been serving to create the knowledge that leads to academic progress, the strengthening of industrial competitiveness, and the development of the region.

In recent years, under the "Futuristic Thinking Campus Initiative," we have been working to develop facilities and equipment with cutting-edge technology as well as spaces on the campus so that we can connect daily and widely with industries and the society. By providing various opportunities to bring diverse people and future technologies together, I expect that we can support our staff and students to create fresh and flexible ideas and generate make totally new innovation.

While science and technology advance at an accelerated pace and permeate every aspect of our lives, the social situation surrounding us, including large-scale natural disasters, emerging infectious diseases, and international conflicts facing each country, is becoming more diverse and complex, and we are living in a time when it is difficult to predict even very near future. We, Kyutech, respond appropriately to these changes and trends, cultivate the ability to respond to change, and practice high-quality up-to-date education and research activities.

We will continue to serve for the society to create an environment in which various kinds of knowledge are connected across all boundaries of "professional domains" "universities" "nations" and "gender" and to provide opportunities where various meetings among diverse people and technologies take place; and we will continue to advance our traditions to enhance "technologies development and capacity building that shape our future.

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History

	1907	was founded as a private institution										
	1909	The Meiji College of Technology started										
	1921	The Meiji College of Technology became a 4-year course national institution										
	1949	The Meiji College of Technology became Kyushu Institute of Technology										
	1965	The Graduate School of Computer and Systems Engineering was established										
	1986	The Faculty of Computer Science and Systems Engineering was established										
	1988	A doctoral program was launched in the Graduate School of Engineering										
	1991	The Graduate School of Computer Scient and Systems Engineering was establish										
	1993	A doctoral program was launched in the Graduate School of Computer Science and Systems Engineering										
	2000	The Graduate School of Life Science and Systems Engineering was established										
	2004	Kyushu Institute of Technology was incorporated as a National University Corporation										
	2009	The school's 100th anniversary										
	2013	MSSC (Malaysia Super Satellite Campus) was established										
	2014	Reorganization of the 3 graduate schools										
	2018	Reorganization of the 2 undergraduate schools										
	2019	Kyutech-KMUTNB Collaboration Satellite Office (Thailand) was established The school's 110th anniversary										

Mission and Vision

Kyushu Institute of Technology (Kyutech) was originally founded as a private institution called the Meiji College of Technology in 1907, and opened in 1909.

Mr. Keiichiro Yasukawa, the owner of a successful mining business, contributed a big amount of his private fortune to establish the College with the aspiration for strengthening Japan' s industry. His enthusiasm motivated Dr. Kenjiro Yamakawa who was the first physicist in Japan and the President of Tokyo Imperial University, to cooperate him by drawing the grand design of the College.

Dr. Yamakawa' s vision for the College has been succeeded by Kyutech today; educating gentlemen with excellent knowledge and skills in technology, which means developing engineers not only with technological expertise but also with uprightness and high moral sense. With this vision, Kyutech produced talented engineers who contribute to industrial development in Japan for more than 100 years of its history, and the vision continues to be our mission for the future.



Keiichiro Yasukawa (1849-1934)



Dr.Kenjiro Yamakawa (1854-1931)





Tobata campus



School of Engineering Graduate School of Engineering

lizuka campus



School of Computer Science and Systems Engineering Graduate School of Computer Science and Systems Engineering

Wakamatsu campus



Graduate School of Life Science and Systems Engineering





m 436 583 Faculty members Administrative and technical staff

www

countries and regions





Strength and Achievements International Awards and Recognition

EDC Airbus Diversity Award (2017)



The BIRDS Project was awarded GEDC Airbus Diversity Award 2017 and received 10,000 US dollars.

The project has implemented space engineering education for students from developing or emerging economies through designing, developing and operating CubeSats, and was recognized as a successful example of bringing diversity to engineering education.

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Kyutech is the World No. 1 academic operator of small satellites for 6 years in a row accoding to the "Smallsats by the Numbers 2023" reported by BryceTech, one of the world-famous analytics and engineering firm for science and technology including space technology.

Kyutech has been a leading institution for academic small satellite projects such as "BIRDS Projects" and "Student Satellite Projects" and industry-academia satellite collaborations; and will continue to endeavor to contribute academic space technology advancement in the world.





RoboCup (2017-2022) Vorld Robot Summit (2018,2020)

Kyutech's Student Project team Hibikino-Musashi@Home won the first prize two years in a row in the Domestic Standard Platform League (DSPL) of RoboCup 2017 and 2018. The team also won the first prize in Partner Robot Challenge (Real Space) in World Robot Summit 2018.

RoboC	up	Worl	ld Robot Sui	mı
2017	1 st place	201	8 1 st place	e
2018	1 st place	202	20 1 st place	e
2019	3 rd place			
2020	Cancelled			
2021	2 nd place			
2022	3 rd place			



S hell Ocean Discovery XPRIZE (2019)





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



he National Order of Merit "José Falcon" from the Republic of Paraguay (2021)

The Merit was awarded for Kyutech's contribution for the success of Paraguay's first satellite named "GuaraniSat-1" which was developed by Paraguayan international students participating the "Joint Global Multi-Nations BIRDS Satellite Project (BIRDS-4)" at the Graduate School of Engineering of Kyutech.



Strength and Achievements Hands on Education : Student Project

Student Project is Kyutech' s autonomous extracurricular activity of student groups, in which students propose and operate the projects which contribute to the university and local communities, such as participating in technical competitions and volunteer activities. The projects are financially supported by the university and also the alumni association and sponsoring companies.

Through the projects, Kyutech aims to develop creative human resources who cultivated problem setting and solving capability, acquired communication skills and broad range of knowledge together with the basics of engineering, and are able to take leadership in industries and society.







Home service/fruit picking/ underwater /soccer/rescue / micro/robot contest produce / Field and Agriculture

Technologies for Society

application software, regional development project echnical Analysis, Virtual Campus

School of Engineering

Department of Civil Engineering and Architecture

Future urban design for solid, beautiful and enriched city

The department consists of two courses. In Architecture Course, students learn how to create functional and beautiful architecture and urban space design. In Civil Engineering Course, students acquire the knowledge and the skills to create safe and enriched city and community environment.

- Architecture Course
- Civil Engineering Course



Department of Space Systems Engineering

Blast off to the vast space frontier

The department aims to develop highly skilled engineers and researchers with the ability of creation, research and development, production, and operation of not only space systems but also complicated engineering systems in various fields. Students learn either mechanical engineering in Mechanical and Space Systems Engineering Course or electrical engineering in Electrical and Space Systems Engineering Course, together with space engineering, system engineering and project management.

Mechanical and Space Systems Engineering Course

Electrical and Space Systems Engineering Course



Department of Mechanical and Control Engineering

Create future machines with high controllability

The department consists of two courses; Mechanical Engineering Course to produce and operate machines which enrich our lives by elucidating natural phenomena, and Control Engineering Course to enable intelligent smooth movement of machines by combining technologies of measuring, controlling and information devices.

- Control Engineering Course
- Mechanical Engineering Course



Department of Electrical and Electronic Engineering

Electrical and electronic systems to support infrastructure of society and industry

Electrical and electronic engineering is essential to every modern industry and social life with the broad range of related fields such as electrical energy, electric device, electronic circuit, and electronic systems. The department aims to develop engineers with expertise in these various fields who enrich the society.

Electrical Engineering CourseElectronic Engineering Course



Department of Applied Chemistry

Explore the world at atomic and molecular scale

Research and development in applied chemistry is to create new substances with various properties and apply them to useful materials, aiming at industrial productions. In this department, students learn basics of chemistry which sustain industrial production and manufacturing, and then acquire the knowledge and skills for application.

• Applied Chemistry Course



Department of Materials Science and Engineering

Pursue materials as a bedrock of science and technology

Materials science and engineering aims to design, create and provide various materials needed for human activities. By learning materials science and engineering and developing innovative materials, we can realize manufacturing things which have never been imagined and accelerate the development of science and technology in every field.

Materials Science and Engineering Course





Graduate School of Engineering

- Master's Program Department of Engineering
- Doctoral Program Department of Engineering



International Course

Space Engineering International Course

Space Engineering International Course (SEIC) is designed for aspiring students and engineers with passion for space and satellites, aiming at nurturing both Japanese and international students into global engineers with cross-cultural competency and skills in space engineering. In SEIC you will engage in project-based learning in interdisciplinary, multicultural teams with access to top-notch research laboratories and satellite development and testing centers which is very unique to Kyutech. And you will gain the skills necessary to carry out the full cycle of satellite design, test, operation, systems engineering, and project management.



School of Computer Science and Systems Engineering

Department of Artificial Intelligence

New information technology for human-computer collaboration

The department aims to develop engineers who establish new information technologies, with which computers think and act like humans through media such as words, sounds and visuals and yield new things humans never imagined, for "human-computer collaboration".

- Data Science Course
- Artificial Intelligence Course
- Media Informatics Course



Department of Intelligent and Control Systems

Intelligent systems as an interface between humans and the future

The department aims at realizing innovative systems as an interface between humans and the future to provide solutions for various social issues. In the three courses offered by the department, students learn how to design and develop advanced systems for robot, intelligent car, medical micro machine, ultra-precision micro machining and micro measurement, 3D printing, etc. which is constructed by the fusion of information, visual, control, and machine technology.

- Robotics Course
- Systems and Control Course
- Mechanical Science and Technology Course



Department of Computer Science and Networks

Realize next-generation smart society with computer and communication technology

Utilization of high-level information and communication technology (ICT) for mutual collaboration among people and things through information is essential to modern society. To support the realization of a next-generation smart society, the department develops talents with the knowledge of computer hardware and software technology and ICT.

Software Design Course
Network Engineering Course
Computer Engineering Course



Department of Physics and Information Technology

Learn from nature for various fields of innovative technologies

The department is developing engineers who are able to break new ground in interdisciplinary research area to yield various innovative technologies, through education and research in physics to search universal laws of nature, in biology to search universal laws of life, and in computer science as information and systems engineering technology.

Physics and Electronics Course
 Biophysics Course



Department of Bioscience and Bioinformatics

Research on life as superb information systems

The department aims to foster talented engineers who establish new industrial fields related to human life, by combining wide range of biotechnological fields such as medicine, pharmacy, food and beverages, chemicals, environment, and biomaterials with the knowledge and technologies of computer science.

- Biomolecular Engineering Course
- Biomedical Informatics Course





lizuka MILAiS



Learning AGORA



Graduate School of Computer Science and Systems Engineering

Master's Program

Department of Advanced Informatics Department of Interdisciplinary Informatics

Department of Creative Informatics

Doctoral Program

Department of Computer Science and Systems Engineering

International Course

LSI and Applied Computing Course

LSI and Applied Computing Course is an international course in Graduate School of Computer Science and Systems Engineering. This course, which consists of two practical modules, covers the key technologies of system and LSI design including applied computing. The LSI design module provides knowledge of design for integrated circuits and dependable systems. The applied computing and system design module provides applications of computing methods with advanced systems and the methodology of system design.



Graduate School of Life Science and Systems Engineering

Master's Program

Department of Biological Functions Engineering

The research and education in this department focuses on engineeringly reproducing and utilizing the structures and the functions of material and energy conversion which nature and living organisms have. And in this department, researchers in material and bioscience fields collaborate mainly in the research subjects of environment and energy, and aim to contribute to the solution for social issues such as global environment and human health.

- Division of Green Electronics
- Division of Biological Mechanics
- Division of Environmentally Conscious Chemistry and Bioengineering
- Division of Physiological and **Biochemical Adaptation**
- Division of Green Technology



Department of Human Intelligence Systems

The department aims to engineeringly reproduce the functional principles of human intelligence into intelligent systems and intelligent information processing, and contribute to industry and provide solutions to social issues. The research and education in this department covers advanced development of mechanical systems and devices, such as intelligent autonomous robots, intelligent information system development and artificial intelligence algorithms designs that incorporate the principles of human reasoning, and scientific analysis of social activities and human intelligence by using mathematical modelling, brain science and cognitive science.

- Division of Human Intelligence and Machines
- Division of Intelligence Systems and Emergent Design
- Division of Human Interaction and Brain Functions
- Division of Human Bahavioral Sciences
- Division of Human Technology



Doctoral Program

Department of Life Science and Systems Engineering

In this course, the two departments of the master's course are integrated into one department. The course provides cross-disciplinary and global oriented education and research to develop human resources as follows.

Engineers and researchers with capability and understanding to elucidate the superior structures and functions of living organisms for resource and energy saving, environmental adaptation and affinity for humans and realize this for the technological applications

Human resources who can play a dominant role as global leader by offering solutions to various issues confronting the modern society and contribute to the sustainable harmony of the society with nature

Professionals with the capability to monitor the latest trends in research and technology continuously and strive to produce innovative research results

International Course

Global AAR Course

AAR is the abbreviation of Advanced Assistive Robotics, and Global AAR Course is focused on advanced robotics emphasizing the aspect of assistive technology. In this course, you will acquire knowledge and skills for design and implementation of intelligent systems that provides solutions to industry and medical welfare, in multidisciplinary subjects such as integrated circuits, control, sensing, nanosystems, computer systems, machine learning, cognitive/behavioral science, neuroscience, and brain-computer interface.

You will learn and conduct research through collaborative work with Japanese students.





Global Education of Green Energy and **Green Environment Course**

Welcome to the interesting world of Green Electronics, which is a fast-growing field and demand of the time! Global Education of Green Energy and Green Environment Course (GE3) aims at green, clean, sustainable, and environment friendly society. We are dedicated to providing our wholehearted support pertaining to the education and research on green electronics with special emphasis on energy generation, conversion and utilization aiming towards the green and clean future. Cooperative learning between Japanese and foreign students is one of the most important envisioned goals aiming towards nurturing the global engineers, who can play a leading

role towards the realization of green and clean society of the 21st century.





Kyutech has been strengthening its research seeds in the fields of environmental engineering, aerospace engineering, highly dependable integrated systems, information and communication network, robotics, and so on.

To cultivate and grow the seeds into technologies which contribute to society, Kyutech established a unique research promotion system; Center of Excellence for Advanced Research, Research Center for Focal Project, and Research Collaboration Center.



01 Center of Excellence for Advanced Research

Kyutech's leading Research Center, aiming to form a world-class research hub.

Laboratory of Lean Satellite Enterprises and In-Orbit Experiments

The laboratory conducts research and development to promote utilization of nanosatellites based on the new concept of Lean Satellite; building and operating a system that minimizes waste while allowing for adequate risk in order to deliver the value created by the satellite to customers and users at low cost with short delivery times. The knowledge gained through the research and development and utilizing the neighboring Center for Nanosatellite Testing help a variety of industries to enter into space business, which leads the creation of new values utilizing space.

Next Generation Power Electronics Research Center

The Center promotes research on next-generation power electronics technology, mainly power semiconductors, from the perspective of electronics (environmental electronics) that contributes to the realization of a low-carbon society through the promotion of energy conservation, advanced power utilization technology, and the use of renewable energy. The Center contributes to the development of doctoral-level human resources, creation of IP, and collaboration with industries and other institute, for promotion of industry.





Integrated Research Center for Energy and Environment

Global warming is directly connected to energy issues, and research on energy conversion is becoming increasingly important and urgent in society. We lead interdisciplinary researches on new technologies for mutual conversion between light, heat, chemical and electrical energies, as alternatives to the current mainstream technology of converting thermal energy into mechanical energy and then into electrical energy. We will contribute to realize a future society based on effective utilization of solar energy



Research Center for Neuromorphic AI Hardware

Current high-performance AI systems are software-based, and their high computational power comes at the cost of enormous power consumption. The Center develops brain-type AI hardware of high efficiency and performance by discovering and utilizing the latent intelligence of the materials themselves. By bringing together researchers in the fields of materials, devices, circuits, systems, and algorithms and by incorporating the brain science findings, the Center achieves a paradigm shift to a new style of hardware-based Al system.



IoT Network Innovation Research Center

In order to realize a "smart tech society" (Society 5.0), it is essential to transform the society into a sustainable and robust one by integrating cyberspace and physical space, to create "knowledge" for designing a new society and generating new values, and to develop human resources to support the new society. IoT Network Innovation Research Center promotes advanced research and human resource development related to IoT system infrastructure, AI and soft computing, and Beyond 5G/6G networks, contributing to the realization of a smart tech society.



02 Research Center for Focal Project

A Research Center boosting fields of study unique to Kyutech.

Center for Socio-Robotic Synthesis

The social implementation of robot technology is expected to be one of the solutions to the social issues such as; the realization of a safe, secure, and sustainable society; coping with declining birthrates and an aging population; and rebuilding the industrial base including primary industry. The Center was established in 2013 with the aim of becoming a research and development base that improves and develops existing technology into novel technology, and cultibates a new market in robot industry by identifying potential social needs. The Center is conducting research and development through various projects such as JST' s CREST program for marine biodiversity, and Cabinet Office's regional revitalization project, and so on.

Reliable Intelligent System Research Center

Reliable Intelligent System Research Center aims to improve the reliability and safety of LSIs by detecting defects caused by LSI failures and degradation using original test design methods and sensing techniques. In order to create high-performance and easy-to-design next generation devices, the Center constructs an education and research base related to the world's most advanced and reliable intelligent LSI design and testing technology for system LSI/functional devices using individual high-reliability technology and artificial intelligence technology, and superstructs a system for highly reliable intelligent LSI technology.

Care XDX Center

Although DX is essential in caregiving and healthcare domain, in current situation, data are insufficient to analyze for machine learning due to slow adoption of IT and the shortage of human resources, which make it difficult to implement data science and AI in this domain.

Care XDX Center researches DX in care services as XD (Experience Design), and establishes the world's foremost academic knowledge of DX in caregiving and healthcare. The Center promotes social implementation and international activities by developing and utilizing smartphone app, big data, and Smart Life Care Co-Creation Lab.







Center for Social Implementation of Next Generation Soft Magnetic Materials

Soft magnetic materials, such as iron, exhibit magnetic properties when an external magnetic field is applied, and when it is removed, they lose the properties. So far, various soft magnetic materials have been developed, but many of them have not been put into practical use and remain dormant due to difficulty in handling them. The Center was established to encourage the practical application of such soft

magnetic materials. It promotes research to overcome various technological

barriers to practical application and to achieve social implementation by utiliz-



ing Kyutech's broad range of "knowledge", and contribute to the promotion of education and industry through human resource development, creation of intellectual property rights, and collaboration with industries.

Collaborative Research Center for Green Materials on Environmental Technology

It is now a pressing worldwide issue to build a "low-carbon society" that suppress emissions of carbon dioxide, the main cause of the global warming problem, in order to change the world sustainable.

The Center brings together the wisdom of researchers of Kyutech and domestic/overseas institutions and conducts cross-disciplinary research, aiming to realize a low-carbon society that not only controls but also recycles CO2 as a resource. Furthermore, with the participation of a socioeconomic researcher in the evaluation for social



implementation and the future expansion of research discipline, the Center promotes technology development to realize social implementation by taking backcasting approach from the outlook of low carbon society.

Research Center of Synthetic Biology

Organisms are composed of much molecular elements. To understand the roles of each element, biological researchers originally examined the phenotypic effect of each element in living organisms. Recently, much of researchers try to address the overall roles of various elements. Approach of synthetic biology is a useful tool to address the overall roles. As shown in Fig. 1, synthetic



biology can be classified into four schemes. First scheme is "evaluation" . In evaluation scheme, we can collect various molecular data and phenotypic data. Based on the collected various data, we try to understand the relationship between genes and phenotypic effect. This scheme is called "Study" . Under "Study" scheme, we can build several hypotheses. Based on the hypothesis, we then infer specific genes which controls a particular phenotypic effect. This scheme is called "Design". Then, we will examine the functional roles of inferred genes by transgenic organisms, which is called "Construction" . We then evaluate whether our hypothesis is correct or not. Performing these scheme (Evaluation \rightarrow Study \rightarrow Design \rightarrow Construction) in multiple times is synthetic biology approach. Members of our center perform synthetic biology based on informatic and experimental approaches. The developed informatic and experimental technologies will be useful for synthetic biology of any organisms.

03 Research Collaboration Center

A Research Center aiming to conduct autonomous & sustainable research with other organizations.

Innovation Robotics Center

In response to the major challenges Japan is facing such as rapid population decline and super aging, it is necessary to introduce robots to fill the shortage of labor in order to realize vibrant local communities. However, it has been very difficult to collaborate with industries because there has been a big difference in the viewpoints and requirements between the robots sought by private companies and the ones developed by universities.

Aiming to establish robotics technology that contributes to society and industry, the Center organizes research and education systems, curricula, and programs as well as core academic departments and majors that integrate robotics and IoT, and to seek for the profitability and financial independence of the local area and the University.

Data Science and AI Research Center

Data Science and Artificial Intelligence (AI) research fields are critical drivers of societal progress within Computer Science. Established in June 2023, the Data Science and Al Research Center focuses on nurturing networks, facilitating information exchange, enhancing research initiatives, and fostering collaborative projects among researchers. Our primary goal is to advance high-quality

research in Data Science and Al while laying the groundwork for interdisciplinary studies, contributing to the ongoing evolution of technological innovation and problem-solv ing capabilities.







Seat pressure



International collaboration Joint Research Program

Kyutech started Joint Research Program to promote joint research with its international partners aiming at promoting and fostering the international joint research works to achieve high impact academic results and acquiring research grants. In this program, Kyutech and the partner university recruit and select joint research teams respectively, and provide them with financial support.



Provides Provides iunds, researchers, researchers equipment research material and facilities etc Joint Research Laboratory/Department

02

Kyutech

Industrial - academic collaboration

Company



Joint Research Laboratory/Department

Joint Research Laboratory and Joint Research Department are research organizations funded by companies and industries, and they are established "in Kyutech", like a company's research lab in the university.

Companies provide not only funds but also their researchers, and Kyutech provides its researchers and research facilities. The researchers from the company and Kyutech conduct research together, and research results and intellectual properties will be jointly owned by both institutions.

Example of Research Themes in Joint Research Laboratory/Department

High quality power semiconductor wafer evaluation method

IoT research development

Biomaterial and health supplementary foods using elastin

Lean Automation

Plant life-cycle engineering

Industrial robotics

Green Environment Material

IoT for production preparation

Functional materials

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Overseas Offices

MSSC (UPM-Kyutech Malaysia Super Satellite Campus)

- Opened in April 2013
- > On the campus of Universiti Putra Malaysia (UPM)
- Activities Student mobility program (Inbound & Outbound) Work abroad internship program in Malaysia
 - Double degree program (Master's and Doctoral course
 - Joint research projects
 - Annual joint symposium
 - Guest lecture program
 - Joint committee meetings
 - Staff capacity development program



KMUTNB-KYUTECH Collaboration Satellite Office

Establishment Agreement signed in March, 2019

> On the campus of King Mongkut's University of Technology North Bangkok (KMUTNB)

Activities • Joint research projects • Student exchanges

- - Staff exchanges Industry-academia collaborations
 - Guest lecture program
 - Information service
 - Alumni networking
 - Joint committee meetings
 - Double degree program



Yangzhou University-Kyutech Joint Laboratory

- **Establishment Agreement signed in October, 2020**
- On the campus of Yangzhou University in China

Activities Joint research projects

- Double degree program
- Joint supervision of graduate students Station for the visiting professors and staff
- Joint committee meeting



International Student Enrollment **265** international students from **38** countries and regions

																													_								(As	OIN	hay .	2023)		
																Asia Europe Lati								Latin America Hiddle East																		
		China		Indonesia	Malaysia	Thailand	Korea	Bangladesh		Philippines	Mongolia	Taiwan	Pakistan	Nepal		Cambodia	Bhutan		France	Italy		Spain	Poland	Mexico	Paraguay	Trinidad and Tobago	Honduras	Brazil			Egypt	Kenya	Zimbabwe	Sudan	Nigeria		Cameroon	Rwanda	Ethiopia	Total		
	Total	90	14	24	16	25	14	6	10	3	5	3	1	3	1	2	1	1	14	1	2	1	1	5	1	1	1	2	5	2	1	1	2	1	1	1	1	1	1	265		
	Undergraduates	3			4		7																					1												15		
	Master's Students	48	2	2	3	6	3	2	4	1	1	1				2	1		8			1	1	1	1				1	1		1	1	1		1	1	1		96		
	Doctoral Students	24	11	21	6	8	1	4	5	2	4		1	3	1			1			1			4		1	1	1	4	1	1		1		1				1	109		
	Non-degree seeking students	15	1	1	3	11	3		1			2							6	1	1																			45		
Brea	akdown by Sc	ho	ols	6																																						
Gra	Total	34	2	1	4	11	9	1	5	2	2	2	1	1	1	2	1	1	7	1	1	1	1	2	1	1	1	2		1	1		2	1		1		1	1	106		
Undergraduate/ Graduate Shool of Engineering	Undergraduates	2			3		6																					1												12		
ergradua 100l of Er	Master's Students	14	1			2				1	1					2	1		5			1	1		1								1	1		1		1		34		
ıte/ ngineerin	Doctoral Students	13	1	1	1	3		1	4	1	1		1	1	1			1			1			2		1	1	1		1	1		1						1	40		
ā	Non-degree seeking students	5				6	3		1			2							2	1																				20		
Gradua	Total	33	3	13	3	11	2	2				1		1					2		1											1								73		
ate Shool Ind Svste	Undergraduates	1			1		1																																	3		
of Comp	Master's Students	20			2	4	1					1																				1								29		
e/ uter Scier eering	Doctoral Students	6	3	12		2		2						1																										26		
	Non-degree seeking students	6		1		5													2		1																			15		
Undergraduate/ Graduate Shool of Computer Science	Total	23	9	10	9	3	3	3	5	1	3			1					5					3					5	1					1		1			86		
Shool of Vstems E	Master's Students	14	1	2	1		2	2	4										3					1					1	1							1			33		
f Life Sc ingineerir	Doctoral Students	5	7	8	5	3	1	1	1	1	3			1										2					4						1					43		
Science ering	Non-degree seeking students	4	1		3														2																					10		

(As of May 2023)

Our Partners (as of February 2024)

- Number of Partner Institutions: 119(30 countries and regions)
- Number of Double Degree Program partners: 10 -École Nationale Supérieure des Mines de Saint-Étienne (France) -Institut Supérieur de Mécanique de Paris (France) -Université de Lorraine (France) -Yangzhou University (China) -King Mongkut's University of Technology North Bangkok (Thailand) -King Mongkut's University of Technology Thonburi (Thailand) -Changwon National University (Korea) -Univertisi Putra Malaysia (Malaysia)
- -National Taiwan University of Science and Technology (Taiwan) -Shandong University (China)

Germany Poland U.K. Mongolia Czech France Switzerland Romania China Korea Italy Turkey Portugal 🌰 Greece Japan India Egypt **Kyutech** Bangladesh 🖲 Vietnam Taiwan Myanmer Thailand Philippines Nigeria Malaysia Singapore Indonesia

POLAND

Faculty of Physics, Astronomy and Informatics, The Nicolaus Copernicus University Adam Mickiewicz University AGH University of Krakow

U.K. Cranfield University

FRANCE Université de Lorraine

International Space University École Nationale Supérieure des Mines de Saint-Étienne Institut Supérieur de l'Aéronautique et de l'Espace (ISAE-SUPAERO) Institut Supérieur de Mécanique de Paris (ISAE-Supméca) Bordeaux Institute of Technology, Graduate School in Electronics, Computer Sciences, Telecommunications, Mathematics and Mechanics (ENSEIRB-MATMECA) JUNIA Grande école d'ingenieurs

GERMANY

Fukultät für Maschinenbau. Technische Universität Braunschweig Fraunhofer Institute for Intelligent Analysis and Information Systems Clausthal University of Technology Faculty of Computer Science, Electrical Engineering, and Information Technology of the University of Stuttgart Technische Universität Bergakademie Freiberg



ITALY University of Salento Faculty of Engineering, Free University of Bozen-Bolzano Department of Clinical and Biological Sciences, University of Turin Sanienza University of Rome Faculty of Civil and Industrial Engineering, Sapienza University of Rome

SPAIN Universidad Rev Juan Carlos

PORTUGAL University of Porto

CZECH VSB – Technical University of Ostrava University of Chemistry and Technology Prague

GREECE Hellenic Mediterranean University

ROMANIA Technical University of Cluj-Napoca

C. TURKEY Faculty of Aeronautics and Astronautics, Istanbul Technical University Faculty of Engineering and Natural Sciences, Konya Technical University (KTUN)

EGYPT Mansoura University



BANGLADESH **BRAC University**

University of Raishahi Faculty of Engineering, Begum Rokeya University, Rangpur

Indian Institute of Technology Delhi Indian Institute of Technology (BHU) Varanasi Raman Research Institute Indian Institute of Technology Indore Indian Institute of Technology Kanpur Dronacharya College of Engineering Indian Institute of Technology Bombay(IITB) Manipal Academy of Higher Education Chennai Institute of Technology Amity Institute of Nanotechnology and Amity Institute of Applied Sciences, Amity Universit Nitte (Deemed to be University)

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Thammasat University Sirindhorn International Institute of Technology, Thammasat University Fauclty of Engineering, Chulalongkorn University King Mongkut's University of Technology North Bangkok Kasetsart University King Mongkut's University of Technology Thonburi King Mongkut's Institute of Technology Ladkrabang Faculty of Science, Khon Kaen University Vidyasirimedhi Institute of Science and Technology

VIFTNAM FPT University

Ho Chi Minh City University of Technology VNU University of Science University of Science and Technology of Hannoi (Vietnam - France University VNUHCM - University of Information Technology Vietnamese Academy of Forest Sciences Posts and Telecommunications Institute of Technology

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University of the Philippines Diliman

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University of Yangon

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