

JAPAN
ADVANCED
INSTITUTE
OF
SCIENCE
AND
TECHNOLOGY

Overview 2026

Japan Advanced Institute of Science and Technology

Realizing Possibilities, Defining Futures



The Japan Advanced Institute of Science and Technology (JAIST) was founded in October 1990 with the mission of advancing fundamental research in cutting-edge science and technology, and of educating and retraining highly specialized professionals destined to lead research and development in universities and industry.

Since its founding, JAIST has cultivated a flexible education and research structure unconstrained by conventional university models, as a national university without undergraduate programs. By attracting faculty members and students from diverse backgrounds, JAIST has consistently pursued world-class research and the development of highly specialized human resources.

In 2016, JAIST consolidated its three graduate schools into a single integrated school. JAIST established the “JAIST Future Vision” in 2021 with the aim of becoming a hub for innovation that contributes to the sustainable development of the world.

In April 2026, JAIST advanced this initiative further by adopting the “JAIST Future Vision BEYOND.” Under this vision, JAIST is committed to becoming an advanced hub where diverse knowledge and talent converge, and where global knowledge and human resources are connected and continuously circulate. Through co-creation, JAIST promotes original research that pioneers new frontiers and charts pathways to the future, together with the development of highly specialized human resources, with the goal of becoming a world-leading research university that drives social transformation.

This overview presents a broad range of information about JAIST, encompassing its philosophy, governance, education, research, and societal contributions.

For the most current information, we invite you to consult our official website and social media channels, which are updated on a regular basis.

President Minoru TERANO

JAIST endeavors to foster leaders capable of contributing to the making of a future world by creation of science and technology, through its most advanced education and research in an ideal academic environment.

JAIST develops leaders in society or industry who hold credible expertise in the frontier science and technology, broad perspectives, high level of autonomy and communication ability, through its systematic advanced graduate education.

JAIST, to contribute to societies with research outcomes, creates a center of excellence for advancement of researches for solving problems of our world and society and develops new fields through a variety of basic researches.

JAIST fosters active global human resources by promoting faculty and student exchanges with leading institutes overseas and globalizing its education and research.



Management Structure

President

TERANO Minoru

Executive Trustee

NAGAI Yukari

Trustee

KOIZUMI Amane
IIDA Hiroyuki
NAGAI Yukari
KURODA Toshiiji
TAYANO Takao

Auditor

TANIGUCHI Toru
MIZUNO Kazuyoshi

Administrative Council

President

TERANO Minoru

Trustee

NAGAI Yukari, KOIZUMI Amane
IIDA Hiroyuki, KURODA Toshiiji
TAYANO Takao

Outside Influential individuals

CEO, RICH Co., Ltd.
IKUMA Hitoshi
Professor Emeritus, University of Tokyo
IWASAWA Yasuhiro
Vice President, Elsevier Japan K.K.
KAKITA Yoshiko
President, Hokuriku Economic Federation
KANAI Yutaka
Director,
McDonald's Holdings Company (Japan), Ltd.
ZNAIDEN Fusako
Chairman of the board, Hoju Memorial Hospital
NAKAI Masuo
Trustee / Vice President, Kanazawa University
MORIMOTO Akiharu
Governor, Ishikawa Prefecture
YAMANO Yukiyoshi
Executive Director /
Vice President, University of Fukui
YONEZAWA Susumu

Education and Research Council

President

TERANO Minoru

Trustee / Vice President

NAGAI Yukari

Trustee / Vice President

KOIZUMI Amane

Trustee / Vice President

IIDA Hiroyuki

Vice President / Dean

KURISAWA Motoichi

Vice President

TAN Yasuo

Vice President

UEHARA Ryuhei

Vice President

KOHDA Youji

Vice President

NAGATA Akiya

Vice Dean

NISHIMURA Takuichi

Vice Dean

FUJISAKI Eiichiro

Vice Dean

MATSUMURA Kazuaki

Head of T.S.

HAYASHI Yukio

Professor

KANAI Hideaki

Professor

SHIRAHADA Kunio

Professor

IKEDA Kokoro

Professor

OKADA Shogo

Professor

OSHIMA Yoshifumi

Professor

TANIIKE Toshiaki

Secretary General

ABE Tetsuya

Deputy Trustee

SAWAKAWA Hiroyuki

CONTENTS

- 01 President Message
- 02 Mission and Goals
Management Structure
- 03 Features of JAIST
- 04 History
JAIST at a Glance
- 05 Admission Policy
- 06 Student Diversity at a Glance
- 07 Educational Features
- 09 Research Area
- 11 Headquarters for Promotion
of Future Innovation
- 13 Research Centers
- 14 Facilities
- 17 Campus Life & Support
- 19 Student Dormitories
JAIST Shuttle Bus
- 20 Global Reach
- 21 Career Support
- 22 Organization & Finance
- 23 Campus Map
- 25 JAIST Official Mascot
Character
College Song
- 26 JAIST Foundation
JAIST Alumni Association
Unique web-based content by
JAIST

Features of JAIST

First Independent National Graduate University without Undergraduate Faculties

JAIST was established in 1990 as Japan's first national graduate university without undergraduate faculties, featuring its own dedicated campus and academic research structure. It was founded to conduct internationally recognized research in advanced science and technology and to provide education grounded in that research. Building on this foundation, JAIST has systematically developed a flexible academic and research framework focused on specific areas of advanced science and technology, attracting a diverse range of faculty and students from various fields.

Structured Graduate Education

Instead of relying solely on individual supervision in research labs, JAIST offers a structured graduate program based on a systematic curriculum. This coursework-centered approach enables students to acquire a broad spectrum of knowledge—from foundational subjects to advanced, specialized areas. In addition, we have adopted a dual-research theme system, allowing students to pursue both primary and a secondary research topic. From its founding, JAIST has also implemented a multiple supervisory system in which each student receives guidance from three faculty members assigned.

High-Quality Research Environment

JAIST is equipped with advanced experimental facilities, which are freely accessible to students for their own research. With a high faculty-to-student ratio, we provide close, personalized guidance and support to each student.

Collaboration with Society and Industry

To serve as a hub for collaboration with society and industry as well as for fostering innovation, JAIST has established the "Headquarters", which is staffed by a large number of experienced URAs (University Research Administrators). This office supports everything from invigorating research activities to facilitating technology transfer to society. In addition, in 2024, we launched the Startup Promotion Office to strengthen university and college originated startups in Hokuriku region and contribute to solving regional social challenges.

Open and Inclusive Admissions Policy

Admissions are primarily based on interviews, welcoming motivated individuals from a wide range of backgrounds—regardless of their undergraduate major or department—including those who have completed at least three years of university, working professionals, and international students.

Comprehensive Support System for Developing Competent Professionals

Short-term Completion System:

Students who demonstrate outstanding academic performance may be eligible to complete the Master's program in more than one year and the Doctoral program in three years or more, including the time spent in the Master's program.

Research Abroad Subsidy Program:

Doctoral students are eligible for a research abroad subsidy once during their enrollment to support their academic development through international research experiences.

24-Hour Open Library:

Since its opening, the library has been accessible 24 hours a day, 365 days a year.

Financial Support:

TA (Teaching Assistant)

All students are eligible to work as teaching assistants, assisting faculty with various teaching-related tasks under their guidance, providing financial support.

UA (University Assistant)

All students in the Doctoral program who wish to participate are employed as UA, assisting faculty with research-related tasks under their supervision. This position provides financial support of up to approximately 600,000 yen per year.

RA (Research Assistant)

Doctoral students work as RA under faculty supervision, assisting with practical work and experiments. This position provides financial support.

LA (Laboratory Assistant)

Master's students are assigned to assist with research-related tasks required for their lab assignments, providing financial support.

Student Dormitories:

The student dormitories are located on campus, and approximately 60% of all students live there.

History

1990

- JAIST established
- Graduate School of Information Science and JAIST library established

1991

- Graduate School of Materials Science and Center for Information Science established

1992

- Center for New Materials (currently Center for Nano Materials and Technology) established

1994

- Health Care Center established

1996

- Graduate School of Knowledge Science established

2002

- Venture Business Laboratory established

2003

- Tokyo Satellite established

2004

- All National Universities transformed into National University Corporations; JAIST incorporated as a National University Corporation

2011

- JAIST Gallery established

2013

- JAIST Innovation Plaza established

2014

- Headquarters for Industrial Collaboration (currently Headquarters for Promotion of Future Innovation) established

2016

- Graduate School for Advanced Science and Technology established (Merged 3 schools into 1 graduate school)

2018

- Division of Transdisciplinary Science established

2022

- The Center for Reskill & Recurrent Education (currently Upskilling Promotion Center) established

2024

- Startup Promotion Office established

2026

- Center for Research Safety established

JAIST at a Glance

Total Number of Students

1,132

As of May 2026

Total Faculty and Staff

One
faculty
member for
every 8
students

311

As of May 2026

Number of Doctoral Degrees Awarded

100

FY2025

Number of Master's Degrees Awarded

271

FY2025

Total Number of Graduates to Date

10,122

As of the end of FY2025

NISTEP*Benchmarking 2023

No. 1 in Japan

for the number of internationally co-authored papers led by the university in the field of Computer Science & Artificial Intelligence(AI).
*National Institute of Science and Technology Policy is a national research institute under the direct jurisdiction of the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

2027 Field-Specific University Rankings
(based on citation impact)

No. 1 in Japan

in the field of Mathematics.
*Based on data from the InCites database by Clarivate

Educational Expenses per Student*

FY2025

*Educational expenses/Student capacity

839,000 yen

Campus Area

113,063 square meters

Percentage of International Students

41.7% 472 students

As of May 2026

Graduate School of Advanced Science and Technology

Under its integrated single-graduate-school structure, which brings together Knowledge Science, Information Science, and Materials Science, JAIST promotes education and research that transcend traditional disciplinary boundaries.

The flexible curriculum enables students to explore fields beyond their area of specialization while building on their academic strengths. Through interdisciplinary collaboration among faculty members and partnerships with external organizations, JAIST continuously creates new research frontiers and fosters innovation.



Admission Policy

Master's Program

What We Look for in Students

JAIST looks for students who possess a strong will and a clear sense of purpose in pursuing study and research in the fields of advanced science and technology based on Knowledge Science, Information Science and Materials Science, who are capable of expressing their own ideas logically, and who have an attitude to make efforts to produce mutual understanding through discussions. JAIST, as a university of postgraduate education without an undergraduate program, accepts applicants widely from bachelor's degree holders, international students and working professionals irrespective of their undergraduate major and background. Applicants are expected to have solid understanding of what they have studied in their undergraduate major field and to be prepared for study and research at JAIST.

Basic Policy on Admissions Selection

In the light of the image of students stated above, JAIST screens applicants by evaluating their basic knowledge, ability, and aspiration necessary for carrying out study and research at JAIST based on a short essay on their research topic after admission, an oral examination (including an oral presentation and Q&A about basic knowledge and their undergraduate major field), and a transcript of their undergraduate level school.

In the evaluation, JAIST emphasizes the result of the oral examination and uses submitted documents as reference. As for the Admission on Recommendation, applicants are exempted from the oral examination and screened based on submitted documents including the short essay and the recommendations.

Doctoral Program

What We Look for in Students

JAIST looks for students who possess a strong will and a clear sense of purpose in pursuing research through social contribution in the fields of advanced science and technology based on Knowledge Science, Information Science and Materials Science, who are capable of expressing their own ideas logically, and who have an attitude to make efforts to produce mutual understanding through discussions. JAIST, as a university of postgraduate education without an undergraduate program, accepts applicants widely from graduate degree holders, international students and working professionals irrespective of undergraduate and graduate majors and background. Applicants are expected to have acquired specialized knowledge and ability in Knowledge Science, Information Science, Materials Science and other relevant fields and to possess a research achievement equivalent to the one for a master's degree.

Basic Policy on Admissions Selection

In the light of the image of students stated above, JAIST screens applicants by evaluating their research achievements so far and their specialized knowledge, ability, and aspiration necessary for carrying out study and research at JAIST based on the submitted documents regarding their research outline before admission and their research proposal after the admission and an oral examination (including an oral presentation and Q&A).

In the evaluation, JAIST emphasizes the result of the oral examination and uses submitted documents as reference. As for the Admission on Recommendation, applicants are exempted from the oral examination and screened based on submitted documents including the research outline and the research proposal.

Student Diversity at a Glance

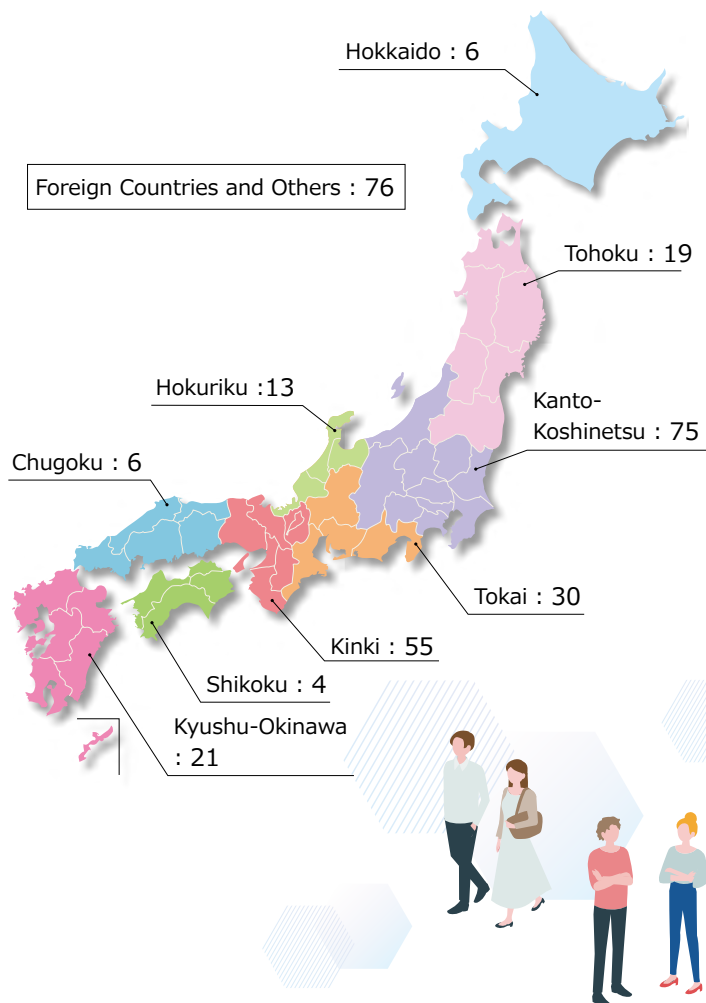
Number of Students (As of May 2026)

	Master's program				Doctoral program					Total
	Capacity of Admission	1 st grade	2 nd grade	Total	Capacity of Admission	1 st grade	2 nd grade	3 rd grade	Total	
Division of Advanced Science and Tech.	594	321 59 112	406 74 178	727 133 290	285	85 21 33	83 24 43	205 57 96	373 102 172	1,100 235 462
Division of Transdisciplinary Sciences	20	10 0 1	10 2 3	20 2 4	15	3 1 2	3 0 2	6 0 2	12 1 6	32 3 10
Total	614	331 59 113	416 76 181	747 135 294	300	88 22 35	86 24 45	211 57 98	385 103 178	1,132 238 472

※Red: Number of women, out of the total number
Blue: Number of International students, out of the total number

Geographic Distribution of New Students (April 2026 Enrollment)

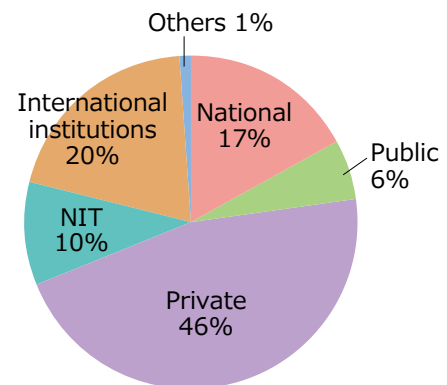
※ Based on the location of students' high schools



Breakdown of Students' Previous Universities (April 2026 Enrollment)

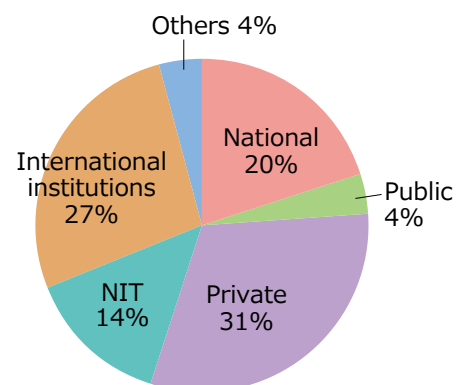
※ Based on university type: national, public, private, NIT, and international institutions

Master's Program



※NIT : National Institute of Technology (KOSEN)

Doctoral Program

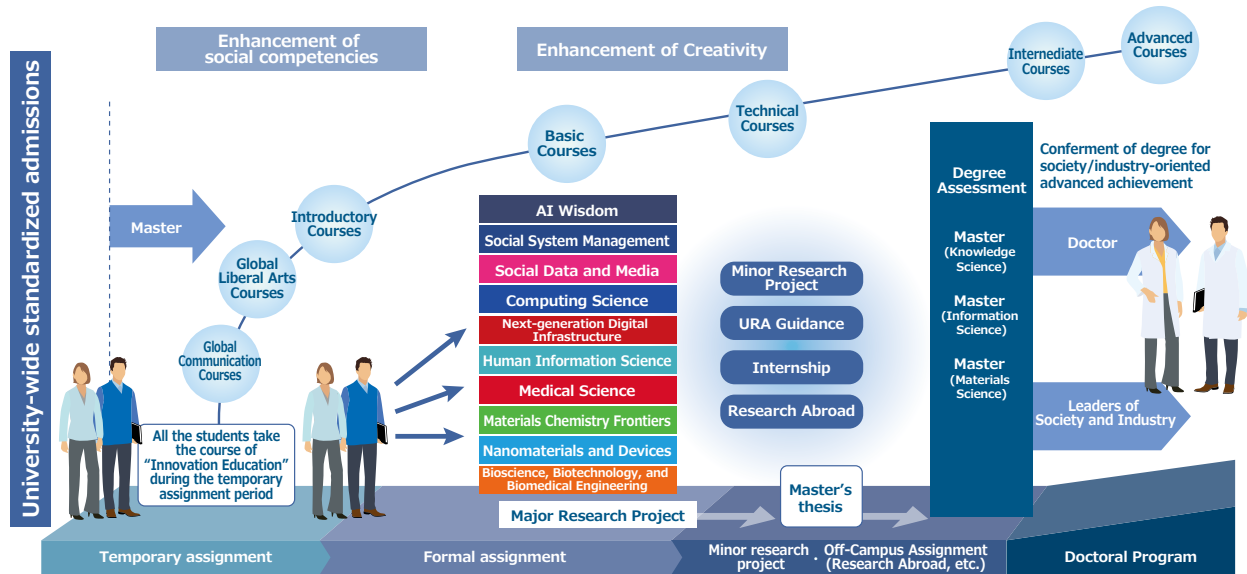


Degree Conferment Overview

As of March 31, 2026, **8,471 Master's Program graduates** (Master's degrees) and **1,651 Doctoral Program graduates** (Doctoral degrees) have entered society.

Educational Features

Through systematized classes and research guidance, we nurture global leaders with “flexible strength and co-creativity”.



JAIST×Human Course



JAIST opened the Advanced Information Specialist Course (commonly known as the JAIST×Human Course) in October 2025, following its selection for the Ministry of Education, Culture, Sports, Science and Technology(MEXT)’s fiscal 2024 project to support universities and technical colleges in enhancing their functions to secure highly specialized information technology human resources.

The aim of this course is to develop advanced information specialist who have knowledge of AI solution technologies and AI ethics, which are in high demand in industry, and who can work on research and development of next-generation AI in a society where AI and humans coexist, and who can comprehensively and complexly solve problems in the creation of various AI solutions, thereby creating a next-generation AI society. To this end, the course JAIST×Human (Joint Ai Interaction cyberSecuriTy×Human) provides a curriculum covering four fields (AI×Interaction×Cybersecurity×Human) in a composite manner and fosters human resources who can tackle research and development issues in the next generation of AI.

Course features

- ✓ Providing a unique research and education environment covering four research fields
- ✓ Curriculum emphasizing exercises and practical training
- ✓ Common subjects to all four research fields (Research Ethics for AI/Human)
- ✓ Multiple supervisory system across disciplines
- ✓ Selecting joint research fields on their own initiative
- ✓ Globalization of education and research environment
- ✓ Recurrent education that meets the needs of society, including industry

Capacity of the course

Master’s program 15
Doctoral program 5

AI

- ▶ Deep Learning
- ▶ Explainable AI
- ▶ Natural Language Processing
- ▶ Machine Learning Theory
- ▶ Human-Centered AI

Machine Learning Laboratory

Mathematical Engineering

Interactive AI

Multimodal

Interaction

- ▶ Multimodal Interaction
- ▶ Human Augmentation
- ▶ Cognitive Science
- ▶ VR/AR/MR
- ▶ HCI

Psychostatistics Exercise

Mechanism

Human

- ▶ Speech, Auditory
- ▶ Vision, Tactile Sense
- ▶ AI Education
- ▶ Environmental Sensing
- ▶ Multisensory Integration

Perceptual Experiment & Exercise

HRI/HCI

Cybersecurity

- ▶ Cybersecurity
- ▶ Network Security
- ▶ Biometric Authentication
- ▶ AI Security

Cybersecurity Practice

AI Security

Cryptography

Security Measures

Algorithm

Verification

Threats and Risks

Sensing

Common

Research Ethics for AI/Humans, Data Science

Perception Processing

Perceptual Experiment & Exercise

Perceptual Experiment & Exercise

Perceptual Experiment & Exercise

Recurrent education and research center open to society

Courses for working professionals in Tokyo



We have a Tokyo satellite in Shinagawa Intercity Tower A, where we offer several programs aimed at working professionals who wish to earn a Master's or Doctoral degree while working. In addition to hosting public seminars and research sessions on hot topics in knowledge science and information science, we also provide opportunities for career development through collaborative research, industry-academia partnerships, and networking among working professionals.



Master's program

MOT/Management of Technology Program

This program aims to develop 'technically literate managers and business-savvy engineers. Unlike traditional MBA or MOT programs, it focuses on a knowledge-science-based approach to management of technology (MOT), emphasizing the creation, sharing, transfer, and application of human 'knowledge' as a core management resource.

Master's program

MOS/Management of Service Program

This program provides students with comprehensive knowledge of service management, while promoting research on healthcare, welfare, education, and tourism services, as well as organizational innovation from a service-oriented perspective-all grounded in knowledge science and service science. The program aims to cultivate professionals who can apply these research findings effectively in their work and organizational management.

Master's program

IoT · AI Innovation Program

Building on our strong foundation in cutting-edge information technology and research and education in technology and service management, we focus not only on equipping students with essential knowledge in IoT, AI, and other advanced IT fields-the driving forces of innovation and competitiveness in the Reiwa era-but also on fostering the ability to generate innovation. Our goal is to cultivate the next generation of leaders who will drive IoT and AI innovation.

Doctoral Program

Advanced Knowledge Science Program

We offer advanced knowledge and skills across the diverse field of knowledge science, including technology and service management, while concurrently fostering professionals and researchers with high-level research and practical competencies.

Doctoral Program

Advanced Information Science Program

We cultivate cutting-edge information science professionals who maintain a broad, up-to-date perspective on the ever-expanding field of information science and can drive technological innovation through their own initiatives.

Doctoral Program

Creating Value Program

Through active learning, students explore and research methods of value creation while cultivating the practical ability to identify global issues. This process enables them to develop future-oriented value creation skills that are internationally applicable.

Optional

Master's program Doctoral Program

Program for Sustainable Service Leadership Development

We cultivate sustainable service leaders active in industry who can conceptualize recycling-oriented service businesses and promote better consumer behavior toward a resource-recycling society.

Optional

Challenges in Transdisciplinary Science

Division of Transdisciplinary Science



In today's society, where the future is difficult to predict, we established a joint educational program with Kanazawa University in April 2018 to cultivate 'human resources for scientific and technological innovation' who can lead society with exceptional creativity and proactive action. Our educational philosophy aims to foster the integration of multiple scientific fields and contribute to innovation through the exploration and practice of 'methodologies for integrating science.' We are working towards building a 'fusion-based graduate education model.' Both universities offer courses in their areas of expertise, and the program is designed as a single unified curriculum. Regardless of which university students enroll in, they will have access to the same educational program.

This division offers a scholarship program (scholarship with benefits: no repayment required) for outstanding students.

Scholarship with benefits

Master's program

Monthly payment

JPY 50,000

Payment period

2 years

Doctoral program

Monthly payment

JPY 100,000

Payment period

3 years

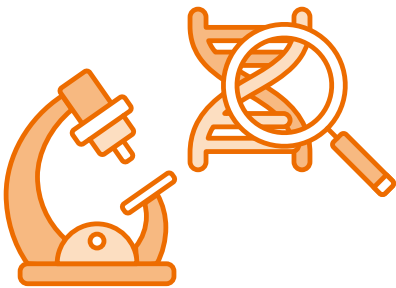


Unlocking Deep Intelligence

A Future Evolving with AI

We aim to deepen AI technology to understand and expand “human-like intelligence”, including critical thinking, ethics, and creativity. By scientifically structuring complex elements such as emotions and tacit knowledge, we advance research in interactive robots, next-generation soft robotics, and the automation of scientific discovery. Our goal is to establish methodologies that enhance the intellectual potential of humanity through a sophisticated symbiosis between humans and AI.

AI Wisdom Research Area



We aim to further understand biofunctions at the molecular to cellular levels utilizing JAIST-originated biotechnologies, and apply our research achievements in the medical and healthcare fields.

Bioscience, Biotechnology, and Biomedical Engineering Research Area

Advanced Biotechnologies
Based on
Biofunctions



Emergent Nanomaterials

and Materials Science for Future Society

We promote cutting-edge materials science, from the creation of nanomaterials to their analysis and application, and also utilize quantum technology and AI. We aim to realize a sustainable future society through collaboration among diverse specialties.

Nanomaterials and devices Research Area



Organizations and Society through Wisdom

Designing

Based on our expertise in knowledge management, we aim to solve complex social challenges by integrating advanced technologies like AI with “Human Wisdom”. Our research explores the creation and design of wisdom to foster value, such as well-being and the common good, across systems ranging from the individual to the global scale. We pursue the advancement of knowledge as a transformative resource to build a better and more sustainable society.

Social System Management Research Area

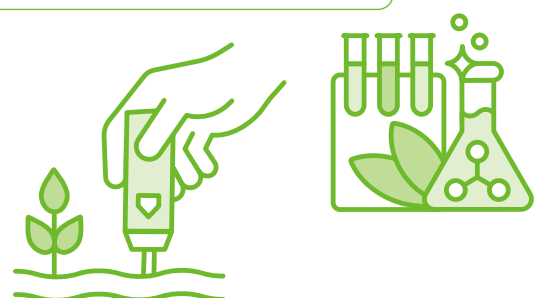
Research

Pioneering New Frontiers in Materials Chemistry

Materials for Our Future

We integrate chemistry with AI and advanced characterization to design materials across atomic and molecular scales. We shape a sustainable future through materials and processes while cultivating talent to lead the frontiers of materials chemistry.

Materials Chemistry Frontiers Research Area



Adventure of Knowing!

Shaping Society through Data and Imagination

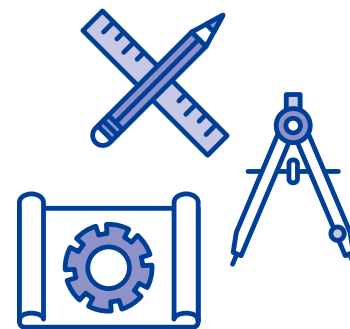
We strive to pioneer “knowledge” for human society through the lens of data and media. Our research integrates AI-driven big data discovery with the power of human imagination to foster innovation. By developing media technologies that enrich learning and daily life, we address social challenges and create new value across all levels—from individual activities to global culture—through a seamless blend of theory and practice.

Social Data and Media Research Area



Mastering the Power

to draw correct conclusions



Not all problems can be easily solved by computers. We conduct broad research—using mathematics, artificial intelligence, and more—on how to obtain correct answers safely and efficiently, aiming to develop the capabilities that will support future technologies.

Computing Science Research Area

Area

Learn more

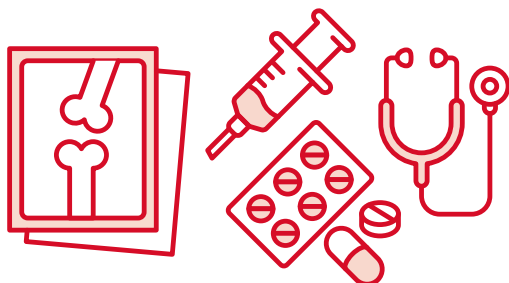


Creating the Future

at the Forefront of Medical Materials Innovation

We aim to develop innovative medical technologies, diagnostics, and therapies by integrating life sciences, medicine, and engineering. Our research focuses on clarifying disease mechanisms and achieving personalized medicine through advanced material chemistry and nanotechnology. By bridging the gap between basic and applied research in fields such as regenerative medicine and drug delivery systems, we strive to shape the future of next-generation healthcare.

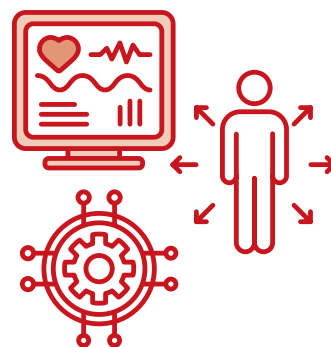
Medical Science Research Area



The Power of ICT

supporting the future

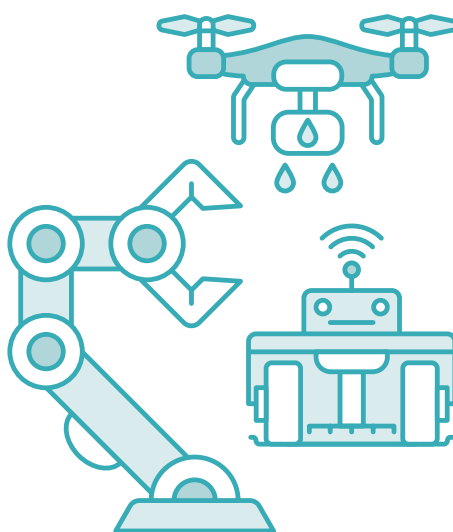
ICT, which supports smartphones and the internet, is an indispensable technology for society and businesses. In this area, we study ICT from its basics to its applications, and conduct research and human resource development that will benefit society as a whole toward the realization of a convenient, secure, and smart society.



Next-generation Digital Infrastructure Research Area

Human-centered Perspective

Research to Harmonize Humans and Machines from a



Our research focuses on how humans process and convey sensory information perceived by the five senses. Through understanding human multisensory modalities and verbal/non-verbal information, our research contributes to the formation of a human-centered society in which humans and machines are in harmony with each other.

Human Information Science Research Area

Headquarters for Promotion of Future Innovation

The Headquarters for Promotion of Future Innovation plays the role of a bridge between society, industry, and other sectors by utilizing the university's cutting-edge research. As a center for innovation creation, it also works to solve a wide range of social issues from local to global levels.



Startup Promotion Office



The Tech Startup HOKURIKU (TeSH) project was selected by the Japan Science and Technology Agency (JST) as part of the "Fund for university-launched new industry creation fund program".

TeSH aims to expand startups and contribute to revitalizing local communities and solving their problems.

Industrial Collaboration Promotion Center

We provide consistent support from the activation of research activities at JAIST to the implementation of technologies in society. The Center also promotes the utilization of intellectual property and human resource development, and plays a role as a center for innovation creation in cooperation with society and industry.



Regional Innovation Promotion Center

We aim to expand our efforts in revitalizing the Hokuriku region to all areas of Japan. Through JAIST's original project, "Matching HUB," we connect the university's research seeds with the needs of industry and other sectors to promote local innovation nationwide.

Center for Unlimited Data-Driven Materials Exploration

We aim to pioneer new frontiers in materials science by using a data-driven approach to make innovative discoveries more intentional rather than accidental. By fostering facility sharing and industry-academic collaboration, we establish a virtuous cycle in which research leads to real-world application, which in turn fuels further facility enhancement. Through these efforts, we contribute to strengthening industrial competitiveness and advancing materials science.



Research Center for Knowledge Innovation



Focusing on the possibilities and risks of advanced technology, we support the creation of Wisdom that will realize a sustainable and prosperous future society through knowledge science methods under the philosophy of RRI (Responsible Research and Innovation).



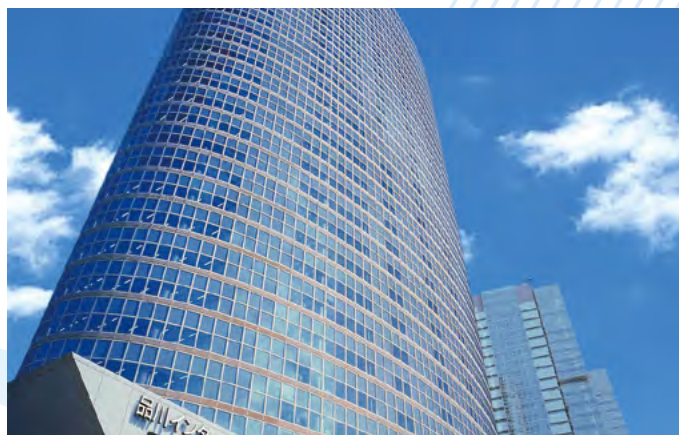
Research Center for Future Design



We envision the future of society and technology, and aim to realize a sustainable future society through a method that combines forecasting and reverse engineering. We design a flexible vision of the future in which diverse values coexist.

JAIST Tokyo Collaboration Center

By utilizing the network of companies and human resources in the metropolitan area, we enhance the flow of "knowledge, people and capital" to the Hokuriku region and promote the creation and social implementation of interdisciplinary research. We are establishing the active base at JAIST's Tokyo Satellite by keeping our good relationship with the metropolitan area and developing it through good accessibility.



Research Centers

Progressive initiatives
for the future of society



Research Center for Exponential Biomedical DX (Neo Excellent Core)

We aim to develop innovative early diagnosis, drug discovery platform tools, and biomaterials for regenerative medicine to realize healthy longevity and high quality of life, and to build biomedical engineering innovations with “transcendent” ideas that are not bound by existing frameworks.



Transition Arena for Quantum Materials and Information Sciences (taQumi) (Neo Excellent Core)

By integrating Knowledge from diverse fields-such as quantum materials, quantum communication, quantum sensing, and integrated intelligence-we actively address emerging social challenges through initiatives including the development of practical quantum communication technologies and their application in disaster response and healthcare.

Center for AI-Driven Social Transformation (Neo Excellent Core)

By integrating interdisciplinary AI research across the humanities and sciences with advanced computing infrastructure such as supercomputers, we aim to conduct world-leading research. We will apply the resulting research outcomes to education, talent development, and the digital transformation of regional industries, thereby advancing both solutions to societal challenges and the practical implementation of our research.



Research Center for AI and Soft Robots (Research Core)

We will develop state-of-the-art technologies for soft robotics, and generative AI techniques, aiming to build a AI robotics infrastructure that enables robots and machines to flexibly adapt to changes in their environment, just like humans and living organisms.



Research Center for Biological Function and Sensory Information

We conduct research on five senses information transmission technology and innovative diagnostic and therapeutic systems for advanced medicine. We also aim to create innovative medical technologies such as enhancement, recovery, and regeneration of biological and sensory functions through the synergy effect of research.



Research Center for Carbon Neutral

We aim to realize a decarbonized society and a sustainable future as soon as possible by pioneering renewable resources and energy conservation, and by researching highly functional materials utilizing technologies such as AI and DX.



Research Center for Empathetic and Symbiotic Technology with Nature

By using a wide range of sensor technologies, from nano to macro, to capture the “silent voice” of the natural world and develop new technologies that enable the prediction and prevention of disasters and infectious diseases, we aim to realize a society that is more empathetic to nature, safe, and respectful of diversity.

Facilities



Supporting Education and Research through Advanced Information Infrastructure

Center for Information Infrastructure

As an advanced information infrastructure supporting education and research across the university, the Center provides and operates integrated network, cloud, and campus information systems. To meet the diverse needs of students, faculty, and staff, the Center provides flexible educational and research environments that seamlessly integrate in-person and remote activities, while promoting information security and digital transformation (DX) initiatives to realize a secure, accessible, and sustainable information environment.



The latest Information Environment is available to all students, faculty and staff members



JAIST-SSO



Network



Mail



Digital Certificate



Storage



Security



Remote Access



Printing



JAISTCloud



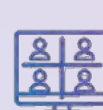
HPC



Software



Lecture Archive



Online Meeting

Providing Advanced Computing Environments for AI and Scientific Computing

Center for Advanced Scientific Computing

This newly established Center provides advanced computing environments utilizing massively parallel computing facilities and GPUs for all the members. The Center supports a wide range of research activities and advanced computational education in Knowledge Science, Information Science, and Materials Science, while promoting AI- and data-driven research. The Center also promotes the introduction and development of next-generation computing technologies and advances state-of-the-art scientific computing infrastructure.

Supporting Lifelong Learning and Professional Growth

Upskilling Promotion Center

We aim to support professionals in efficiently acquiring essential skills in a short timeframe while remaining in their current jobs. By providing education tailored to the era of lifelong learning, we are dedicated to strongly boosting individual career development.



Aiming to return the results of nanomaterials research to society

Center for Nano Materials and Technology



To advance research on the integration and development of nanotechnology, as well as the development and practical application of new devices, and to provide foundational support for promoting nano-related education and research in the fields of materials science (including basic research on nanomaterials and materials), information science (such as nanodevice design and development), and knowledge science (such as the construction of nanomaterial knowledge bases).

Five Pillars

The Center for Nanomaterials and Technology consistently plays a vital role in fostering fundamental research at JAIST and in effectively translating the resulting new ideas, methods, and technologies into advances in nanomaterials development. Specifically, we consider **the following five pillars to be of particular importance.**

Supporting Collaborative Research on
Nanomaterials development

Human Resource Development of Researchers and
Engineers Related Nanomaterials and Technology

Support for International Collaborative Research

Maintenance Management of Analytical Instruments

Support for Student Experiments and Practical Training



Creating a Safe and Secure Research Environment

Center for Research Safety

We properly and safely manage chemicals, including poisons, hazardous materials, and dangerous substances, as well as high-pressure gases, including flammable and toxic substances, cryogenic liquefied gases such as liquid nitrogen and liquid helium, and waste chemicals and materials generated from research activities. We also provide safety management training related to them.

A Treasure House of Knowledge Open 24 Hours a day, 365 days a year Library



The library is operated with three keywords of “open 24 hours a day”, “research library” and “electronic library” to accommodate a wide variety of research styles. The library has adopted an open-shelf system and self-checkout machine to ensure that materials can be freely accessed at any time when needed. The library currently holds approximately 160,000 materials. Users can not only search these materials, but also easily access around 5,000 domestic/international e-journals and several databases through JAIST information network at any time. In addition, the Rare Books Room, founded on the principle of “Onko Chishin (learning from the past to discover new insights)”, displays rare books on natural science and philosophy, including a first edition of “Kaitai Shinsho” (1774), and art works of local artists.



160,000
books!



One of the world's best puzzle exhibits JAIST Gallery

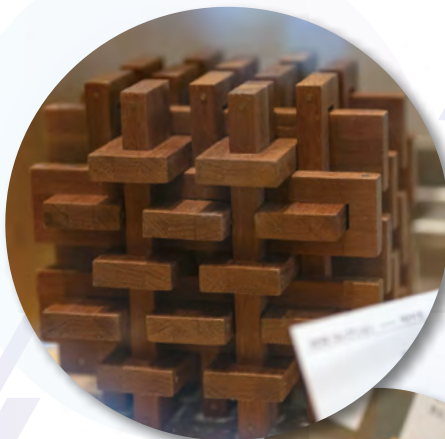


The JAIST Gallery houses a world-class collection of puzzles, including the “NOB Collection” collected by the late Nobuyuki Yoshigahara, internationally known as a puzzle designer and collector.

The gallery also presents research achievements from JAIST alongside related exhibits.

Designed in the motif of a traditional Kumiki puzzle, the gallery incorporates a variety of creative architectural and display features.

Visitors can also enjoy a hands-on playroom where they may touch, explore, and solve a wide range of puzzles.



Campus Life & Support

Admissions



	Type of Examination
Master's Program	Regular Examination
	(*) Examination for Admission on Recommendation for Overseas Residents
Doctoral Program	Regular Examination
	(*) Examination for Admission on Recommendation for Overseas Residents

(*) This examination is conducted by the interview through web communication tools, and screening of the application documents. Applicants can go through the selection process without traveling to Japan.

Entrance Fee/Tuition Fee



	Screening Fee	Entrance Fee	Tuition Fee
Master's Program	JPY 30,000	JPY 282,000	JPY 267,900 (semester)
Doctoral Program			JPY 535,800 (year)

Admission fee/tuition fee waiver system for those with financial need

Students with financial need may apply for full or half exemption from the entrance and tuition fees. For the past five years (2021-2025), all students who meet the exemption criteria (household and academic standards) set by JAIST have been exempted (in full or in part) from tuition fees.

Scholarships for International Students



JAIST offers various financial aid programs to support international students, including scholarships and on-campus employment. The following is a partial list of JAIST's scholarships. For other scholarship programs and detailed application procedures, please refer to the website or contact the Student Affairs Department of JAIST.

► Scholarships that students can apply for BEFORE arriving in Japan

(1) Japanese Government (MEXT : Monbukagakusho) Scholarship

The Ministry of Education, Culture, Sports, Science and Technology (MEXT) offers scholarships to international students who wish to study at Japanese universities either as a research student or a regular student in Master's / Doctoral program.

There are two types of selection processes for this scholarship: Embassy Recommendation and University Recommendation.

(2) Government Scholarship of Student's Own Country

Many countries are sending students to study abroad on government scholarships.

Contact the relevant authorities of your own country for the detailed information.



(3) Scholarships from Local Governments or Private Foundations

Students can apply for some of these scholarships before arriving in Japan.

(4) JAIST Original Support System

In order to provide financially secure graduate school life, JAIST has original support systems.

► Scholarships that students can apply for AFTER entering JAIST

Most scholarships from local governments or private foundations require students to obtain recommendation from JAIST and submit an application via JAIST. For more detailed information, visit the JAIST web page.



Health Care Center

We support students so that they can devote themselves to their studies and research in good physical and mental health and without anxiety. Our full-time doctors and nurses provide first aid for injuries and sudden illnesses, health counseling, and other services, and we also conduct annual health checkups for all students.



JAIST Cafeteria

The cafeteria is a cafeteria-style dining hall where you can choose what you like from a wide variety of menus that incorporate a sense of the season.



FamilyMart JAIST Satellite Shop

In addition to selling food, stationery, daily sundries, etc., the shop also offers home delivery services. A convenience store ATM and a multi-copy machine are available.



Training Room

The facility is equipped with training machines and other equipment, as well as shower rooms.

Student Dormitories

Student dormitories at JAIST are located on campus, and single, couple, and family rooms are available. Each room has access to the campus LAN.



Occupancy rate: 2025	Master's course:	Doctoral course:
	100 %	100 %

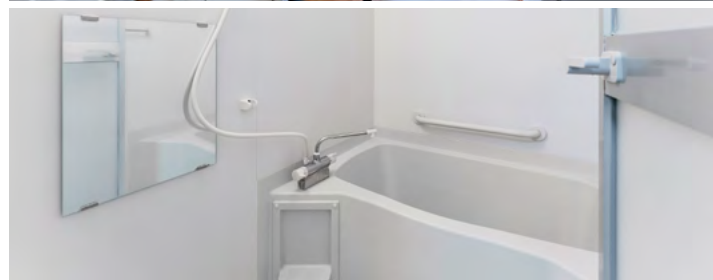
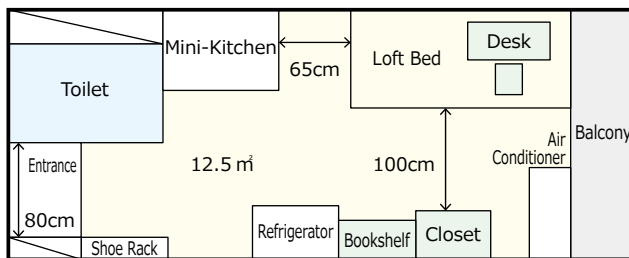
*Occupancy rate=Number of applicants/permitted tenants

*The occupancy rate for the next fiscal year will change depending on the situation.

Single Room

Room Facilities	desk, chair, loft bed, bookshelf, shoe rack, closet, refrigerator, air conditioner, mini-kitchen, toilet
Room Charge	12,540 yen/month
Common Facilities	Unit bath, laundry, beverage vending machine, private bicycle parking, lounge, meeting room, Japanese-style room

Single Room Floor



JAIST Shuttle Bus

We offer a free shuttle service between the campus and nearby stations. The “Komatsu Line” runs between Komatsu Station and JAIST by reservation only, while the “Tsurugi Line” runs between Tsurugi station of Hokuriku Railroad and JAIST without a reservation.



Global Reach

We actively promote international joint research, academic and personnel exchange, the organization of international symposia, the acceptance of international students and faculty members, and the development of collaborative educational programs with overseas universities.



Academic Exchange Agreements

93 institutions
from **18** countries · region (As of April 2026)

Europe 14		Asia 78		North America 1
France (6)	Austria (1)	China (17)	India (6)	America (1)
Germany (2)	Malta (1)	Vietnam (14)	Taiwan (8)	
Czech Republic (2)	Italy (1)	Korea (4)	Indonesia (5)	
Russia (1)		Malaysia (13)	Bangladesh (2)	
		Thailand (8)	Myanmar (1)	

Grant for Off-Campus Research Grant for participating an international conference

With the aim of fostering outstanding scientists and engineers equipped with the skills to drive global innovation and succeed on the international stage, we provide financial support to doctoral students for research abroad and participation in international conferences.

Number of International Members

(As of May 2026)

	Faculty	Students
Asia	33	465
Europe	5	1
North America	3	0
Africa	0	4
Oceania	1	0
Latin America and the Caribbean	0	1
Middle East	1	1



JAIST Partner University Master Connection Program(JUMP)

Through support programs such as internships for third- and fourth-year undergraduate students from our partner universities in ASEAN, we actively seek to attract talented students for our master's programs and aim to build strong international networks for education and research collaboration.

Partner universities

Universitas Komputer Indonesia[UNIKOM] (Indonesia)	Mahidol University (Thailand)
National University of Malaysia[UKM] (Malaysia)	National Dong Hwa University[NDHU] (Taiwan)
Sirindhorn International Institute of Technology, Thammasat University (Thailand)	Universitas Sriwijaya (Indonesia)

(As of May 2026)

Career Support

Extensive Career Support Services

As well as providing information and materials on companies and job hunting, and reports from JAIST graduates, we offer one-to-one career counseling sessions with certified career counselors.



On-Campus Study on Industry / Corporate Seminars

We invite companies that are particularly interested in JAIST students to On-Campus Study on Industry. Individual Corporate Seminars are also organized at any time, giving students the opportunity to learn about various industries and companies on campus.



Job Hunting Seminar

We invite external instructors to conduct Internship Guidance Sessions and Job Hunting Seminars. Students can develop practical and effective skills, including self-assessment, industry research, resume and ES writing, and interview preparation.



Career Mentor Program

Alumni who are active in various fields support current students by serving as career mentors, offering individual consultations and advice on job hunting and career development, and delivering lectures at on-campus seminars. Additionally, group mentoring sessions are conducted during the 'Meet & Greet with Career Mentors' event.



■ Employment Destinations of International Students in AY2023–2025



Knowledge Science

JAIST / Aioi Nissay Dowa Insurance / I-NET / OUTECH / Accenture / AKKODiS Consulting / NEC Platforms / NOK / FDK / FPT Japan Holdings / Q'sfix / Kyoto University / Support Gyoseishoshi Law Firm / Thunder Software Technology / CTC System Management Corporation / Shimane University / SERIO / SOLIZE Holdings / Taikisha / Deloitte Tohmatsu akt / Tencent Japan / The University of Tokyo / Don Quijote / Nippon Koei / Hitachi Industry & Control Solutions / Hitachi / Hitachi Building Systems / BlueMeme / MACNICA / MATSUYA FOODS HOLDINGS / Mitsubishi Kakoki Kaisha / The Monogatari Corporation / YAMATO SYSTEM DEVELOPMENT / RYODEN / Route Inn Japan

Information Science

JAIST / ARKRAY / Astemo / ExaWizards / FPT CONSULTING JAPAN / NTT DATA Luweave Corporation / Kanazawa University / KOA / KOEI TECMO GAMES / NII / GogoJungleSharp Corporation / SANKYU / SHER CORPORATION / Sharp Corporation / Sugino Machine / STANLEY ELECTRIC / STELAQ / SUBARU / Sony Global Manufacturing & Operations / DataLabs / Institute of Science Tokyo / TOSHIBA / TOME R&D / NICHICON CORPORATION / NETSPARK / Hitachi Vantara / Hitachi Industrial Equipment Systems / Hitachi Information & Telecommunication Engineering / Hitachi Solutions / FUJITSU / HORIBA Advanced Techno / Micron Memory Japan / Money Forward / MITANI SANGYO / MITSUBISHI MOTORS CORPORATION / Mitsubishi Materials / MEIDEN SYSTEM SOLUTIONS / Yamaha Robotics / UACJ Corporation / UD Trucks / Yokohama National University / Lightblue / RAKUTEN / RAKUTEN Mobile / RIKEN / Ricoh IT Solutions / Ricoh Japan / Ritsumeikan University / Renesas Electronics Corporation / Waseda University

Materials Science

JAIST / Astemo / SK-Electronics / NOK / OSAKA FUJI Corporation / Onodani Machine / KANEKA / CATALER CORPORATION / Kurabo Industries / Sharp Corporation / SHARP SEMICONDUCTOR INNOVATION CORPORATION / Tadano Infrastructure Solutions / Tower Partners Semiconductor / TOSHIBA / Toshiba Plant Systems & Services / PILLAR / Tohoku University / NICCA CHEMICAL / Molex Japan / NIMS / Micron Memory Japan / Mitsubishi Electric / Yamagata University / Renesas Electronics

Transdisciplinary Sciences

Osaka Metropolitan University / santec Holdings / D4c Premier-m / TAKAOKA TOKO

Organization & Finance



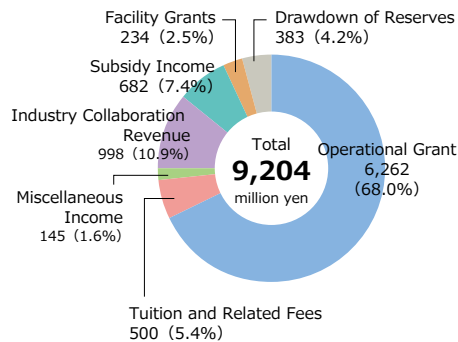
Number of Faculty & Staff (As of May, 2026(Unit:person))

President	Executive Trustee・Trustee	Auditor	Faculty					Staff	Total
			Professor	Associate Professor	Senio Lecturer	Assistant Professor	total		
1	5 1	2	77 2 10	39 5 11	13 5 8	26 3 14	155 15 43	156 73 3	319 89 46

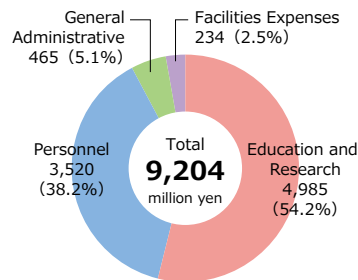
※Red: Number of women, out of the total number Blue: Number of International faculty and staff, out of the total number

FY2026 Finance

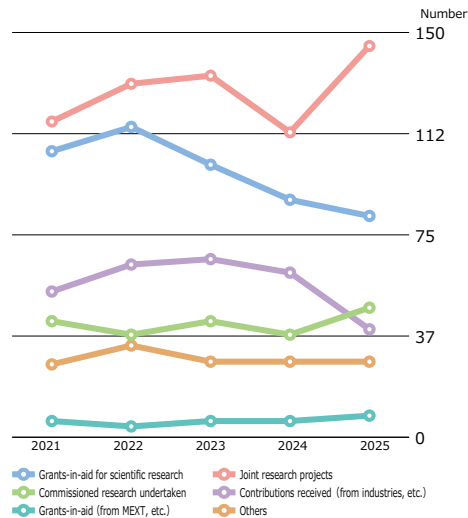
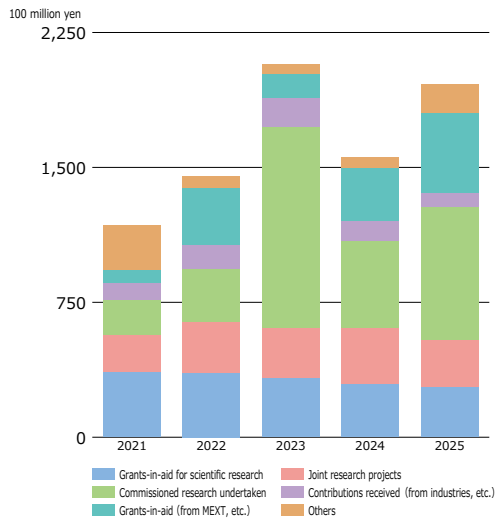
Revenue



Expenditure



External Funding Status (As of March 31, 2026)



(Unit : thousand yen)

		2021	2022	2023	2024	2025
Grants-in-aid for scientific research	Amount	361,340	358,840	326,264	293,906	277,156
	Number	106	115	101	88	82
Joint research projects	Amount	204,289	278,539	279,925	315,541	261,989
	Number	117	131	134	113	145
Commissioned research undertaken	Amount	200,755	300,701	1,121,286	481,794	741,492
	Number	43	38	43	38	48
Contributions received (from industries, etc.)	Amount	91,791	130,142	161,018	111,139	75,975
	Number	54	64	66	61	40
Grants-in-aid (from MEXT, etc.)	Amount	74,857	317,560	129,958	296,564	450,578
	Number	6	4	6	6	8
Others	Amount	246,219	67,860	58,248	60,335	157,938
	Number	27	34	28	28	28
Total	Amount	1,179,251	1,453,642	2,076,699	1,559,279	1,965,128
	Number	353	386	378	334	351

Campus Map



- | | |
|---|--|
| ① Main Gate | ⑨ Building for Industrial Collaboration |
| ② Administration Building | ⑩ FamilyMart JAIST Satellite Shop, Training Room |
| ③ Institute Hall (Cafeteria) | ⑪ Student Housing |
| ④ Library | ⑫ Gymnasium |
| ⑤ JAIST Gallery | ⑬ JAIST International Seminar House (Guesthouse) |
| ⑥ School of Knowledge Science, Building
Health Care Center | ⑭ Apartment Houses for JAIST staff |
| ⑦ School of Information Science, Building
Center for Information Infrastructure | ⑮ JAIST Innovation Plaza |
| ⑧ School of Materials Science, Building
Center for Nano Materials and Technology | ⑯ Bus Stop (JAIST Shuttle Komatsu Line) |
| | ⑰ Bus Stop (JAIST Shuttle Tsurugi Line) |
| | ⑱ Parking |

Gymnasium

The gymnasium, with the warmth of wood, is used as a Place for interaction with the local community and also functions as a designated evacuation center for the community.



JAIST International Seminar House

This accommodation is available for visitors to JAIST.

Located on the campus, they are easily accessible to the various facilities of JAIST, and each room is equipped with a kitchen and a unit bath to make your stay comfortable and enjoyable.



JAIST Innovation Plaza

The Innovation Plaza is located on an adjoining site to JAIST, with the aim of serving as a center for industry-academia-government collaboration and community contribution.



JAIST Foundation (Ishikawa High-Tech Exchange Center)

The JAIST Foundation was established in August 1990 (reorganized as a public interest incorporated foundation in April 2011), mainly by Ishikawa Prefecture and the business community in the Hokuriku region, to support education and joint research at JAIST and to promote collaboration and cooperation between industry, academia and government. The foundation uses the profits from the management of its basic assets to support educational and research activities, promote joint research, and subsidize scholarship funds.

Ishikawa Science Park

ISP (Ishikawa Science Park) was established in 1990 in the hilly area of Tatsunokuchi Town (now Asahidai, Nomi City) to strengthen cooperation between industry, academia and government and to become an international research and development center. With JAIST at its core, the park is home to a concentration of R&D and industrial support facilities, and plays a role in advanced scientific and technological R&D that responds to society in which globalization and technological innovation are advancing.



Tokyo Satellite

The Tokyo Satellite is conveniently located just a 3-minute walk from JR Shinagawa Station.

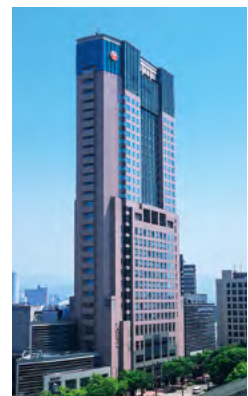
It serves as a base for education and research for working professionals, as well as a venue for information dissemination, joint research, and industry-academia collaboration by holding open seminars and research meetings.



Kanazawa Ekimae Office

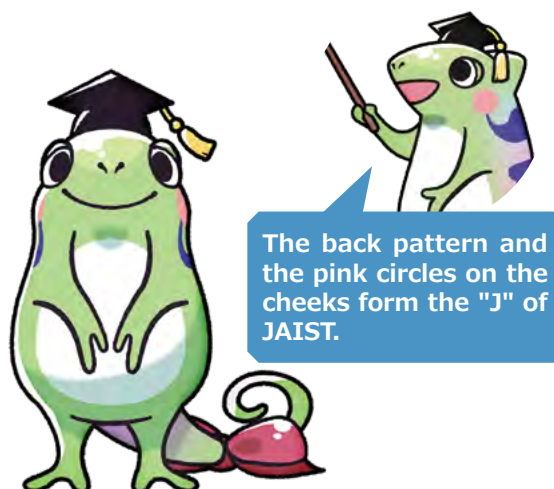
As part of our efforts to strengthen industry-academia-government collaboration, we have established an office in front of Kanazawa Station.

This office is widely used for seminars, startup-related work and so on.



JAIST Official Mascot Character

JAI-LEON



Name	JAI-LEON
Birthday	October 1 (Since it is also JAIST's Foundation Day, the campus is quiet, so it feels a little lonely.)
Charming point	Pattern on his back It forms the letter "J" of JAIST
Hobbies	Exploring JAIST and its surroundings
Special skill	Changing the color of his body His color may change depending on his mood...

College Song

It was established in March 2018 to represent the founding spirit and ideals of JAIST and to raise awareness of being a member of JAIST. The song was written and composed by Dr. MIYASHITA Homei, a graduate of JAIST.

北陸先端科学技術大学院大学 大学歌
作詞・作曲 宮下芳明



霊峰白山に守られて
学府の理想を追い求む
進取の気性で世界に灯をともし
北陸先端科学技術大学院大学
日本の荒濤を見下ろして
時代の変化を感じとる
未踏の地にゆく船の帆を上げよ
北陸先端科学技術大学院大学

[Free translation of the university song lyrics]

Under the protection of sacred Mt. Hakusan
We pursue the ideals of the higher education
With a pioneering spirit
We will light a beacon for the world.

Observing our nation amid fierce change
Let us sense the shifting tides of the age
Now, raise the sails of the ship bound for uncharted lands—
Forward we go into the unknown

JAIST Foundation

In April 2010, the “JAIST Foundation” was established for the purpose of enhancing and developing education and research at the JAIST.

The “JAIST Foundation” has two funds, the “Education and Research Support Fund” and the “Student Support Fund”, to further enhance support for education and research and student study.

The “Education and Research Support Fund” accepts donations for projects such as education and research promotion, social contribution, and international exchange, while the “Support Fund for Student’s Study” accepts donation for projects to support students who have difficulty in studying due to financial reasons. We appreciate your support.



The Used Book Fund

Donations through the Used Book Fund will be utilized as part of the “Education and Research Support Fund”. A courier will come to your home to collect the books.



JAIST Alumni Association

The purposes of the alumni association are to cultivate and foster good fellowship among the members and to support the further development of JAIST.

Main Activities

- ▶ General Meeting of the Alumni Association
 - Lectures by alumni active in various fields
 - Social gathering
- ▶ Support for alumni gatherings organized by each laboratory
 - Lending of nametag cases, etc.
- ▶ Alumni Association Directory
 - The original system that can be updated and input on the Alumni Association website at any time
- ▶ Alumni Association’s SNS
 - The Alumni Association’s Facebook page publicizes the activities of JAIST and the Alumni Association.
- ▶ Support for current students
 - Academic gowns are lent to doctoral students at the degree conferment ceremony.
 - Alumni volunteers provide advice on employment and careers as career mentors.



To join the Alumni Association, please register on the website. Notifications from JAIST and the Alumni Association will be sent to the forwarding email address registered on the Alumni Association website. Please therefore ensure that your information is kept up to date at all times.



Unique web-based content by JAIST



JAIST “HENJIN” Radio

This radio program, navigated by Mr. Hyota ECHIZENYA, is a very serious and academic but light-hearted program that touches on the research and personalities of JAIST faculty members.



FUTURE of JAIST & YOU

Current students share their honest thoughts about the appeal of their laboratories and more.



INTERVIEW “この人に聞く”

By shining a spotlight on researchers and incorporating diagrams and photos, the program introduces their work in an engaging and accessible way.



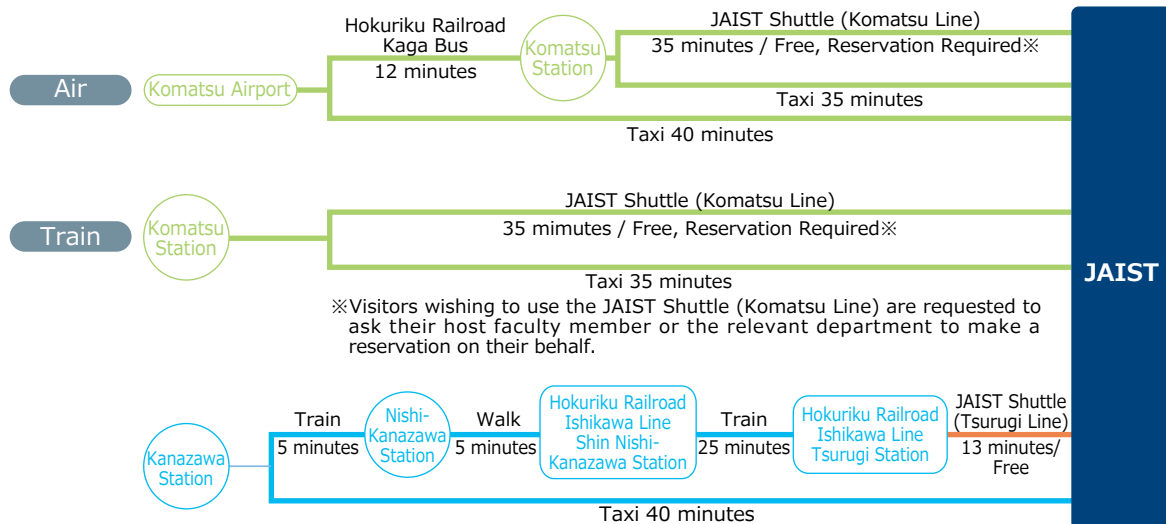
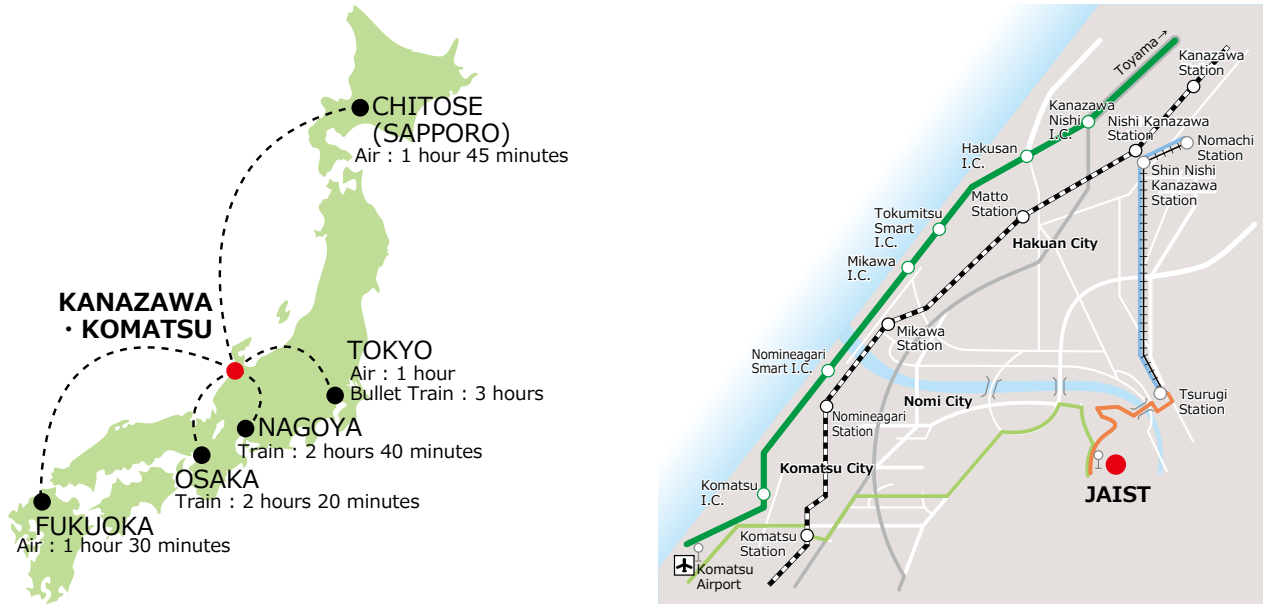
ACCESS



JAIST is located in Nomi City, Ishikawa Prefecture, rich in nature and about 30 minutes by car from Kanazawa city, rich in history and culture. The quiet environment surrounded by greenery is ideal for study and research.

The area is blessed with a rich culture of traditional crafts and seasonal cuisine, providing a tranquil place to live and study.

The Shinkansen bullet train from Kanazawa to Tokyo takes approximately 2.5 hours, making it an ideal location for both a peaceful environment and convenience of the city.



Office of Public Relations
Japan Advanced Institute of Science and Technology
E-mail kouhou@ml.jaist.ac.jp
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JAIST Search

