

# Nagoya, Aichi

Aichi Prefecture has been Japan's most successful manufacturing hub for more than 40 years in terms of shipment value of manufactured goods. Automobile, aircraft, space, machine tools, and various other industries flourish in the prefecture, which is a vital manufacturing center in Japan.



## Ceramics

Seto, in Aichi Prefecture, is the birthplace of *Seto-yaki* (literally, Seto ware). The root of the Japanese word *setomono* is a generic term for all pottery. Ceramics, with a 1000-year history, have been perfected over time and contributed to post-war industrial development as a sector unique to Nagoya City.

TOKYO

AICHI

● Nagoya

OSAKA

0 100km

## Automobile

Aichi, in the heart of Japan, evolved by developing transportation systems connecting major cities in western and eastern Japan. The prefecture is the setting for a world-renowned automotive industry and many related plants that export automotive parts and relevant products, supporting the Japanese economy.



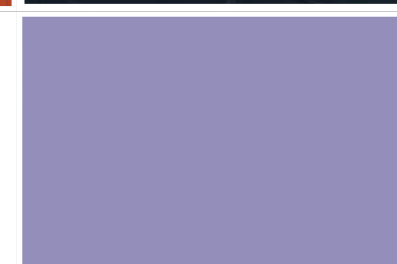
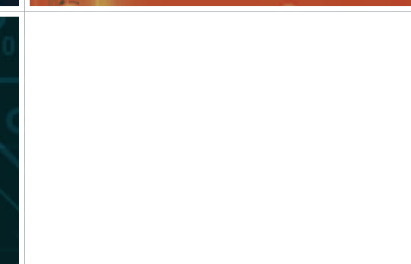
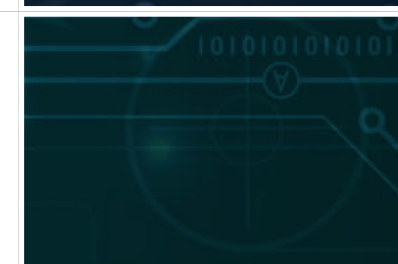
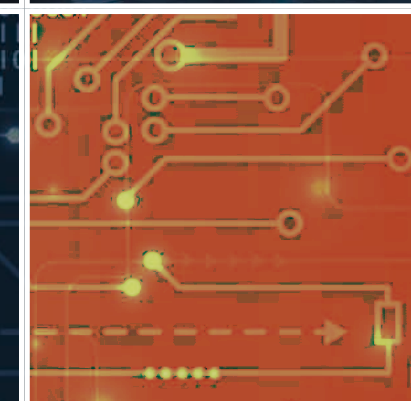
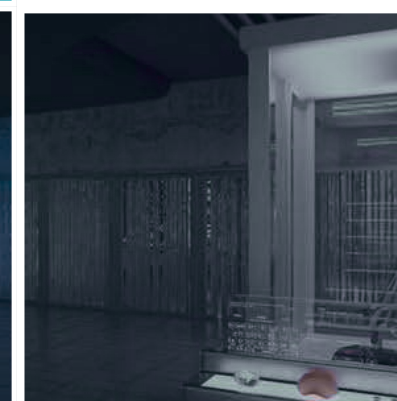
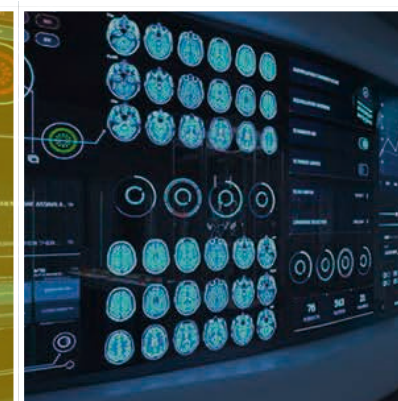
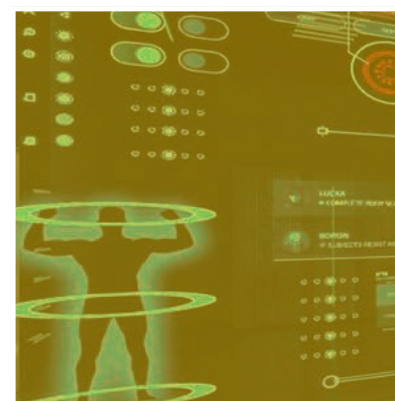
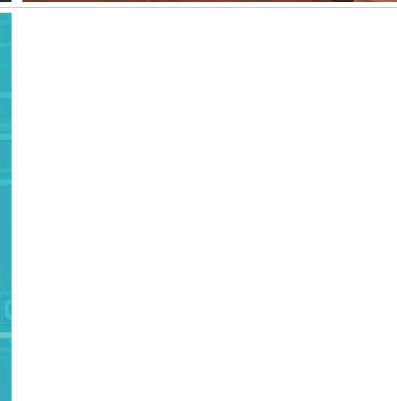
## Brewing

The Japanese brewing culture that flowered in the Edo period remains active today in Chita Peninsula, Mikawa Region, and various other Aichi areas. These regions feature many sake brands and breweries using traditional methods and makers of vinegar, mirin cooking sake, tamari soy sauce, and miso.



MEIJO  
University

名城大学



Tempaku  
Campus



Yagoto  
Campus



Nagoya Dome-Mae  
Campus



名城大学  
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# About

Meijo University by the Numbers

1926~  
Long history

95  
Years

## Founding Spirit

Developing moderate, impartial, and practical human resources worthy of national and social trust.

- 穩** Be peaceful, warm, and moderate.
- 健** Act orderly, harmoniously, and power forward steadily without trouble.
- 中** Remain humble and get to the heart of the matter with a receptive attitude.
- 正** Think logically and take responsibility to go through the proper channels in a consistent manner.

Tracing its roots to the Nagoya Science and Technology Course founded in 1926, Meijo University is one of the best educational institutions in the Chubu region, having produced more than 200,000 graduates and alumni, and is proud of its long history and tradition.

We provide educational and research opportunities that emphasize practical learning consistent with the spirit of our establishment: "Developing moderate, impartial, and practical human resources worthy of national and social trust." Because of these efforts, many corporations recognize our graduates as having excellent practical skills and persistence to cope with various challenges.

Today, as society faces rapid changes with economic globalization, an aging population with a declining birth rate, the advent of robots and artificial intelligence (AI), changes in industrial and employment structures, and the COVID-19 pandemic, we are increasingly driven to change our lifestyles and ways of working. Simply put, we live in an era wherein forecasting the future has become a challenge even as our conventional wisdom becomes increasingly obsolete. Now more than ever, it is imperative for educational institutions to cultivate practical individuals capable of taking decisive actions who can apply their foresight, diversity, and expertise to challenging situations and take decisive actions.

Continuing our history and traditions since our establishment, Meijo University and Meijo University Senior High School will further evolve and develop people who can meet social expectations in the oncoming era. We ask for your continued understanding and support.

April 2021

Teiji Tachibana, Chairperson of the Board of Meijo University

## For Striving to Improve University Rankings

We face various challenges, including the fourth industrial revolution featuring AI, IoT, and big data, as well as the SDGs and a new normal with COVID-19. Consequently, the circumstances surrounding universities are more uncertain than ever.

In April 2015, we developed the Meijo Strategy-2026 (MS-26) as a strategic plan to coincide with the 100th anniversary of our foundation in 2026. This long-term strategic plan promotes the concept of a life-long love of learning for all Meijo people through the phrase, "Enjoy Learning for Life." We promote initiatives that give students satisfying opportunities to learn during their college life, which we hope will encourage a passion for learning beyond the university years.

With the 100th anniversary 6 years away, I aim to make Meijo University the most vibrant university in the Chubu region, both in name and reality. In other words, the goal is to make the University more vibrant, and take it to a higher level so that students can acquire not only expert knowledge but also a global mindset and academic literacy, as well as to produce graduates who can take on a leading role in their fields and who are highly appreciated by society. We will also strive to enhance our brand to inspire more pride in our Meijo graduates and alumni. To this end, we all staff members of Meijo University will work together and make utmost effort to raise the University ranking.

We ask for your understanding and support of our educational and research activities.

Akihiro Ohara, President



Job placement rate

99.5%

Top-class  
in Japan

## The Origin of Meijo University's Name

The former Nagoya Professional School was reorganized and renamed Meijo University, based on a 1947 post-war educational system reform. The university epitomizes the saying, "Nagoya owes its prosperity to the castle" as Nagoya Castle or Meijo is the city symbol of Nagoya. The new school is said to be named Meijo University after the discussion led by the founder Juichi Tanaka, hoping that the University would become a paragon of education, just like the castle with its brilliant golden shachi (killer whale) statues on top. (Excerpt from the Book of the 75-Year History of Meijo University)

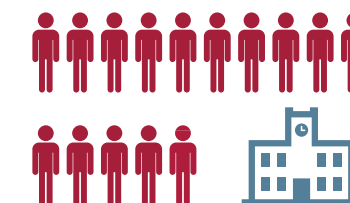


25 departments



200,000+  
alumni

15,000  
current students



文理融合

MS-26

Good  
Practice

産官学連携

## Message

### Meijo University Equips Students with Developmental Practical Skills and the Ability to Take Decisive Actions, Aiming to Enhance Our International Influence Based in the Chubu Region of Japan

Aichi Prefecture in the Chubu region, where Meijo University is located, boasts of being Japan's most successful manufacturing hub for several essential and thriving industries in the country, such as the automotive, aerospace, and robot sectors, thereby leading the Japanese economy. In such a favorable environment, we provide educational and research opportunities based on our founding spirit with its eminent advantages as a comprehensive university, such as a community of learning that possesses extensive expertise and substantial diversity. More than 200,000 Meijo graduates contribute not only to local industries but also to international communities in various fields.

We developed a new vision for our 100th anniversary in 2026 and beyond: "Meijo University equips students with developmental practical skills and the ability to take decisive actions so that they become internationally competent professionals who leverage the benefit of the Chubu region." The term "developmental practical skills" refers to the abilities backed by foresight, diversity, and expertise. It also refers to the capacity to gather knowledge, skills, and ideas to address different challenges while working with professionals and applying problem-solving approaches.

With the aim of fostering such human resources, we have developed Internationalization Plan 2026, which will coincide with the 100th anniversary of our foundation. This plan will enable us to further accelerate the expansion of overseas study programs, an active acceptance of international students, and the construction of new international networks. In addition, we are preparing to establish the Faculty of Information Engineering in the academic year of 2022 to develop human resources who are capable of utilizing skills and knowledge in information and communications technology. Graduates are expected to use their expertise as an instrument to provide solutions for a range of complicated issues in collaboration with professionals across fields in a society with ever-advancing digital technologies.

In addition to the progress of artificial intelligence, Internet of Things, and other digital technologies, contemporary society faces considerable changes in lifestyle, values, and business models owing to the outbreak of COVID-19 around the world since 2020. Global initiatives to achieve the Sustainable Development Goals of the United Nations are also progressing faster than before, indicating that responses to global-scale issues have become increasingly imperative.

Moving forward, we will continue to provide diverse, high-quality opportunities for both education and experience, which will aid in developing human resources with a global mindset to survive an unpredictable future.

President  
AKIHIRO OHARA



# Research



[www.meijo-u.ac.jp/sp/meijoresearch/](http://www.meijo-u.ac.jp/sp/meijoresearch/)

## Nobel Prize-winning Professors at Meijo University



### Akira Yoshino

Inventor of lithium-ion battery

Born in Osaka Prefecture. Graduate of Kyoto University, Faculty of Engineering. Dr. Yoshino started his career at Asahi Chemical Industry Co., Ltd. (currently, Asahi Kasei Corporation) where he developed the prototype of a lithium-ion secondary battery in 1983 and established the basic concept of lithium-ion battery (LIB) in 1985. He has been a professor at the Graduate School of Science and Technology, Meijo University, since 2017. Dr. Yoshino won the Nobel Prize in Chemistry in 2019, after receiving the Chemical Technology Award, the C&C Prize, the IEEE Medal for Environmental and Safety Technologies, the Global Energy Prize, the Charles Stark Draper Prize, the Japan Prize, the European Inventor Award, and other prestigious awards.

society5.0

ゲノム編集

AI人工知能



### Isamu Akasaki

Inventor of efficient blue light-emitting diode (LED)

Born in Kagoshima Prefecture. Graduate of Kyoto University, Faculty of Science. After working for Kobe Industries Corp. (currently, Fujitsu Limited) and teaching as an assistant professor at Nagoya University, Dr. Akasaki was Head of Basic Research Laboratory 4 at the Matsushita Research Institute Tokyo, Inc. (MRIT). He has served as a professor at the Faculty of Science and Technology, Meijo University since 1992. Dr. Akasaki developed the basic technology of blue light-emitting diode and invented the world-first blue LED in 1989. Dr. Akasaki won the Nobel Prize in Physics in 2014, after receiving the C&C Prize, the Toray Science and Technology Prize, the Asahi Prize, the Fujihara Award, the John Bardeen Award, the Kyoto Prize, and other prestigious awards.



# 研究力

## Research Excellence at Meijo University

### Development and Invention of New Nanomaterials

Meijo University is known as the birthplace of the carbon nanotube. Based on the tradition of our nanomaterials research, the global-level basic research for developing and inventing new nanomaterials is promoted on a university-wide scale by the research group headed by University Professor, Sumio Iijima.

Research achievements are publicly announced in various ways. They are posted on websites and are the subject of mock lectures. By promoting our research mission, consistent as it is with our future vision, "Shaping a Community of Learning," we build the Meijo University brand and take it to the world.

### Innovation of New Optical Devices

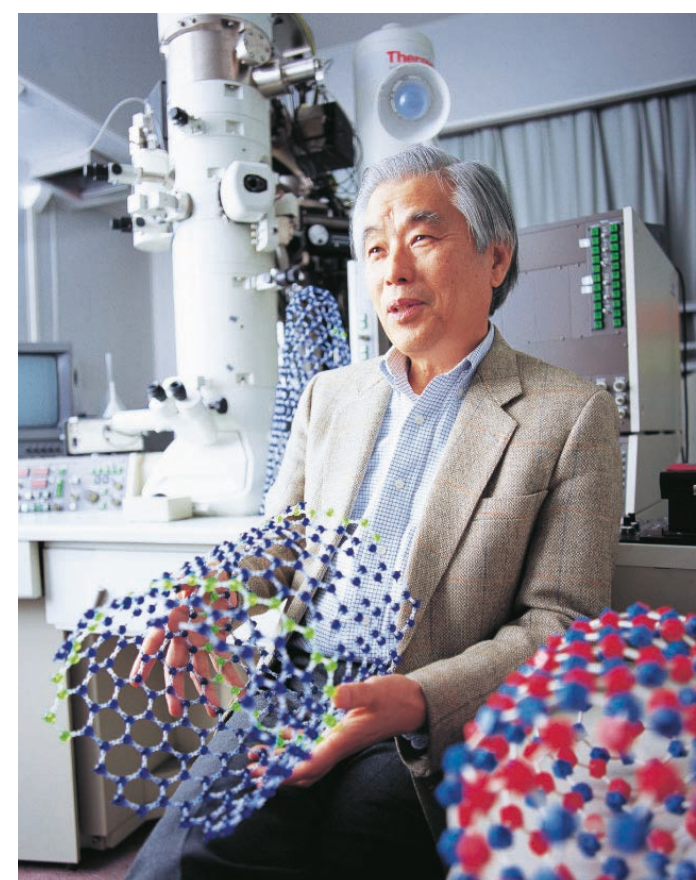
We aim to invent new blue LED-based optical devices to create a near-future world under the leadership of Lifetime Professor Isamu Akasaki, a Nobel Prize-winning scientist in Physics. We are also engaged in university-wide efforts to pioneer research of new and prestigious technology applications and projects to produce the next Nobel Prize winner.

These research achievements are made available to the public through websites, symposiums, mock experiments, and innovative programs designed by students. Doing so is expected to make people across the country aware of the brand image "Meijo University Strong in Research," which is recognized only in the Tokai region today.

### Sumio Iijima

Pioneer of Nanoscience

Born in Saitama Prefecture. Graduate of the University of Electro-Communications. Ph.D. in Physics from Tohoku University. After working as a researcher at Arizona State University and as a visiting researcher at the University of Cambridge, Dr. Iijima joined NEC Corporation in 1991, where he developed carbon nanotube (CNT). He has been a professor at the Faculty of Science and Technology, Meijo University, since 1998. Dr. Iijima won the Benjamin Franklin Medal, the Balzan Prize, the Kavli Prize, the Prince of Asturias Award, the Order of Culture, the European Inventor Award, and other prestigious awards. Member of the Japan Academy and the National Academy of Sciences, USA.



5G

人生  
100年

車の世界

SDGs

VR最前線



### Toshio Fukuda

Robotics specialist  
Asia's first IEEE president

Born in Toyama Prefecture. Graduate of Waseda University, Faculty of Science and Engineering. Dr. Fukuda, a world authority on robotics, has mentored many researchers while engaged as a professor at Meijo University and the School of Engineering, Nagoya University. He is a former Visiting Assistant Professor at Yale University, a fellow at the Institute of Electrical and Electronics Engineers (IEEE), and president at IEEE Robotics & Automation Society. Dr. Fukuda received the Benjamin Franklin Medal, the IEEE Conference (IECON) Best Paper Award, the Robotics Society of Japan Best Paper Award, the Humboldt Prize, the Good Design Award, Minister's Award from Ministry of Education, Culture, Sports, Science and Technology, the Robotics and Automation Award, and other prestigious awards. He was elected 2020 president of the Institute of Electrical and Electronics Engineers (IEEE).



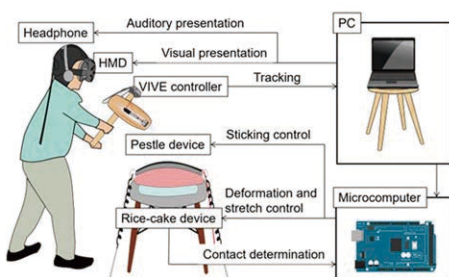
# Action

## Social Collaboration

# 実行力

1

### Grand Prix Award in the IVRC (International collegiate Virtual Reality Contest)



The VR work allows a participant to experience pounding mochi (a rice cake) virtually. By wearing a Head Mount Display (HMD) while holding a mallet, one can feel a real pounding sensation. Our students won the Grand Prix award at the IVRC2017, where the impact of what a user can experience, technical capabilities, and novelty were highly evaluated.

2

### Aichi Food Culture Promotion Project in Collaboration with Local Companies



Upon request by LAWSON, the major convenience store chain operator, the Faculty of Agriculture worked together with the company to promote Aichi's food culture. They collaborated with ICHIBIKI, KOKONOE MIRIN, and other local fermented food manufacturers to produce original collaborative products. The collaboration, as seen in the pictures above, was conducted by our faculty members and a local company, and students determined the final taste at the tasting session.

3

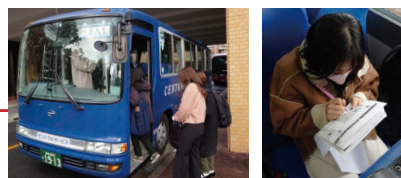
### Professional Sports Business Study Group



Study group activities kicked off in July to explore the ideal factors in professional sports businesses in a new normal with COVID-19 and a post-COVID-19 society. It is our new formal extracurricular activity. It provides an open opportunity for everyone to learn regardless of their faculties and grades. With the theme of an ideal professional sports business both in a post-COVID-19 society and a new normal with COVID-19, where people are required to shift to a new lifestyle, we will conduct study group activities (to be held online in the first semester) engaged in four areas. In the second semester, we will launch a project based on student ideas.

4

### Social Collaboration for New Local Mobility Services



We promote collaborative activities with companies, local governments, and other types of entities. For example, we collaborate with a major automotive parts manufacturer and a large-scale commercial facility in Aichi to conduct experiments that demonstrate the behavioral changes of consumers who watch videos, etc. when they travel around town. It is part of an experimental project launched by the government (the Ministry of Economy, Trade and Industry, and the Ministry of Land, Infrastructure, Transport, and Tourism). A total of 320 students and faculty members have participated in the 6-day experiment to create the Mobility as a Service (Maas).

## Introduction of Faculties

### Faculty of Law

Equipping professionals with the skills they need to make rational decisions based on their broad knowledge and logical thinking for society's sake in various areas.

- Department of Legal Science



### Faculty of Business Management

Giving students expert knowledge on organizational management and problem-solving for application in companies, local governments, and other types of organizations.

- Department of Business Management
- Department of International Business Management



### Faculty of Economics

Furnishing students with a theoretical base for problem solving as it relates to economic issues inside and outside of Japan as well as the judgment criteria for rational decision-making.

- Department of Economics
- Department of Industrial and Social Economics



### Faculty of Foreign Studies

Cultivating "global communicators" to facilitate dialog and cooperation with the international community based on their English language competence, international understanding, and practical skills.

- Department of English and International Studies



### Faculty of Human Studies

Providing the curricula for three fields, "psychology," "sociology and education," and "global studies and communication," to develop human resources who widely contribute to contemporary society.

- Department of Human Studies



### Faculty of Urban Science

Using sciences and humanities knowledge to explore the service sciences and provide solutions to urban problems, such as energy, environment, transportation, and disaster prevention.

- Department of Urban Science



### Faculty of Science and Technology

Producing pioneering technologists who innovate a society that is based on our sophisticated educational curriculum backed by almost a century of history.

- Department of Mathematics
- Department of Electrical and Electronic Engineering



- Department of Materials Science and Engineering

- Department of Applied Chemistry

- Department of Mechanical Engineering

- Department of Vehicle and Mechanical Engineering

- Department of Mechatronics Engineering

- Department of Civil Engineering

- Department of Environmental Technology

- Department of Architecture

### Faculty of Information Engineering \*pending approval

A new faculty that will open its doors in April 2022. Offering two courses and four programs to develop next-generation information engineers.

- Department of Information Engineering



### Faculty of Agriculture

Empowering students to gain expert knowledge and insights of life, food, environment, and nature to cultivate human resources capable of addressing challenges that humanity faces.

- Department of Agrobiological Resources
- Department of Applied Biological Chemistry
- Department of Environmental Bioscience



### Faculty of Pharmacy

Aiming to cultivate pharmacists and pharmaceutical researchers to address human health issues and explore better welfare through our advanced educational programs and research activities.

- Department of Pharmacy



## List of Partner Schools

(as of May 2020)

100 partner schools around the world

France .....3  
Russia .....2  
Italy .....1  
UK .....1  
Germany .....1  
Netherlands ...1  
Poland .....1  
Norway .....1

China .....26  
Taiwan .....12  
Korea .....7  
Thailand .....7  
Viet Nam .....7  
Philippines .....2  
Myanmar .....2  
India .....2  
Indonesia .....2  
Malaysia .....1  
Sri Lanka .....1  
Nepal .....1

