

# 組織 [Organization]

## 職員数

Number of Staff

令和 6 年 5 月 1 日現在 [As of May 1, 2024]

| 区分 [Classification] | 教育職員 [Teaching Staff] |                   |                              |                  |                             |                  | 技術職員<br>[Technical Staff] | 事務職員<br>(看護師含む)<br>[Administrative Staff] | 計<br>[Total] |
|---------------------|-----------------------|-------------------|------------------------------|------------------|-----------------------------|------------------|---------------------------|---|--------------|
|                     | 校長<br>[President]     | 教授<br>[Professor] | 准教授<br>[Associate Professor] | 講師<br>[Lecturer] | 助教<br>[Assistant Professor] | 小計<br>[Subtotal] |                           |   |              |
| 現員 [Status]         | 1                     | 23 (1)            | 19 (2)                       | 9                | 4 (2)                       | 56 (5)           | 13 (1)                    | 26 (9)                                    | 95 (14)      |

## 組織図

Organization Chart

( ) 内数字は女子で内数  
( ) : Female Staff



機械技術者は、機械工学だけでなく、電気・メカトロニクス・情報産業・建設・環境など、あらゆる分野で必要とされています。また、仕事の内容も研究開発から生産管理まで広範囲にわたっています。機械コースでは、機械工学に基づいた、機械の力学や加工法、材料、制御など機械工学の知識と技術を教授します。そして、機械システムの設計と製造に必要な実践的な技術能力を育成することを目的とします。

Modern mechanical engineering professionals are needed not only in the fields of traditional mechanical engineering, but also in the fields of Electronics, Mechatronics, Information, Construction and Environment Engineering. The description of work spreads extensively from research and development to production management. The Course of Mechanical Engineering educates specialists who work in a variety of fields in machinery manufacturing and management. The primary goal of the course is to provide all graduates with a solid technical foundation in design synthesis, which will enable them to solve current problems and tackle future problems.

### 教員及び専門分野 [Teaching Staff and Their Research Fields]

| 職名 [Official Post]           | 学位 [Degree]                     | 氏名 [Name]                    | 専門分野 [Research Field]  |
|------------------------------|---------------------------------|------------------------------|--|
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]  | 西本 浩司<br>[NISHIMOTO Kohji]   | 溶接接合工学，レーザー加工学<br>[Joining and Welding Engineering, Laser processing]                                  |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]  | 大北 裕司<br>[OKITA Yuji]        | 流体工学，乱流力学，噴流工学<br>[Fluid Engineering, Turbulence Dynamics, Jet Flow Engineering]                       |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]  | 奥本 良博<br>[OKUMOTO Yoshihiro] | 材料工学，粉体工学<br>[Material Engineering, Powder Technology]   |
| 嘱託教授<br>[Professor]          | 工学博士<br>[Dr. of Engineering]    | 西野 精一<br>[NISHINO Seichi]    | 材料力学，材料強度学<br>[Strength of Materials, Strength and Fracture of Materials]                              |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering]  | 川畑 成之<br>[KAWABATA Nariyuki] | 構造力学，最適設計，制御工学，複合材料<br>[Structural Mechanics, Optimal Design, Control Engineering, Composite Material] |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering]  | 松浦 史法<br>[MATSUURA Fuminori] | メカトロニクス，計測工学，制御工学<br>[Mechatronics, Instrumentation Engineering, Control Engineering]                  |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering]  | 安田 武司<br>[YASUDA Takeshi]    | 機械加工学，塑性加工学，超音波放出法<br>[Machining Processing, Technology of Plasticity, Acoustic Emission]              |
| 講師<br>[Lecturer]             | 工学修士<br>[Master of Engineering] | 伊丹 伸<br>[ITAMI Shin]         | 分光學，光計測<br>[Spectroscopy, Optical Measurement]   |



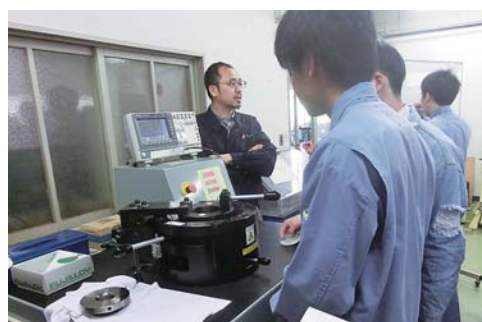
宇宙エレベータークライマー昇降実験  
[Experiment of the space elevator climber]



電子顕微鏡観察  
[Electron Microscope Observation]



引張試験  
[Tensile Test]



深絞り実験  
[Deep Drawing experiment]

電気電子に関する技術は、現代の社会システムとマルチメディア情報通信システムを支えており、またその技術革新は著しい進歩を遂げています。

電気電子工学科の専門域を引き継いだ電気コースでは、これらの技術の進歩に対応するため、創造性のある実践的電気電子技術者の育成を目標としています。低学年では専門基礎科目に重点を置き、高学年では電気主任技術者資格や無線技術士資格に対応できるようバランスよく電気、電子、情報、通信関連の科目を開講するとともに、実験実習や卒業研究を通して創造力、応用力の育成に注力しています。

卒業生は電気電子工学のみならず産業界のあらゆる分野の企業に就職し、能力を発揮し高い評価を得ています。

The technology concerning electrical and electronic engineering supports the modern social system and multimedia telecommunication system. The technological innovations have been developed greatly.

In order to ensure that progress continues, the Course of Electrical Engineering, which is based on the Department of Electrical and Electronic Engineering, aims to foster creative and practical engineers through a consistent curriculum. The Course places importance on the fundamental subjects in the lower grades. In fourth and fifth grades, the Course offers well-balanced specialized subjects concerning electrical, electronic, information, and Communication Engineering for the National Electrical Chief Engineer Qualification and the National Radio Engineer Qualification. Furthermore, the Course expects students to acquire creative and practical ability, providing opportunity for laboratory research, practical experience and graduation research.

Graduates have been engaged in all the fields of industry as well as electrical and electronic engineering. They have been highly evaluated demonstration their technical ability.

#### 教員及び専門分野 [Teaching Staff and Their Research Fields]

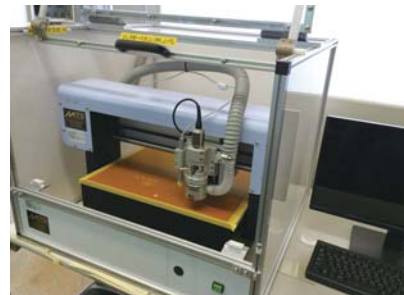
| 職名 [Official Post]           | 学位 [Degree]                       | 氏名 [Name]                    | 専門分野 [Research Field]  |
|------------------------------|-----------------------------------|------------------------------|--|
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]    | 松本 高志<br>[MATSUMOTO Takashi] | 環境電磁工学，無線工学<br>[Environmental Electromagnetism, Radio Engineering]                             |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]    | 中村 雄一<br>[NAKAMURA Yuichi]   | ニューラルネットワーク，非線形解析<br>[Neural Network, Nonlinear Analysis]                                      |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]    | 長谷川竜生<br>[HASEGAWA Tatsuo]   | 非線形光学，薄膜・表面の光学特性評価<br>[Nonlinear Optics, Optical Property Evaluation of Thin Film and Surface] |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]    | 小松 実<br>[KOMATSU Minoru]     | 電磁波工学，通信工学<br>[Electromagnetic Waves and Propagation, Communication Systems]                   |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering]    | 釜野 勝<br>[KAMANO Masaru]      | 半導体熱物性，半導体光学<br>[Semiconductors, Semiconductor Optics]   |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering]    | 香西 貴典<br>[KOZAI Takanori]    | 光物性，レーザー分光<br>[Optical Physics, Laser Spectroscopy]  |
| 講師<br>[Lecturer]             | 博士（工学）<br>[Dr. of Engineering]    | 藤原 健志<br>[FUJIHARA Takeshi]  | 電子材料，ナノ材料化学<br>[Electronic Materials, Nanomaterials Chemistry]                                 |
| 助教<br>[Assistant Professor]  | 博士（理学）<br>[Dr. of Science]        | 朴 英樹<br>[PARK Youngsoo]      | プラズマ物理<br>[Plasma Physics]   |
| 助教<br>[Assistant Professor]  | 修士（工学）<br>[Master of Engineering] | 後藤 祐美<br>[GOTO Yumi]         | 蛍光発光材料<br>[Fluorescent Emitting Materials]   |



電気技術イノベーション実習  
[Innovation Practice]



シーケンス制御の実験  
[Experiment of sequence control]



基板加工機  
[Board processing machine]



現在皆さんが暮らしている我が国日本は、高度な情報コミュニケーション技術（ICT）によって社会基盤が成り立っています。

このような社会で役に立つ技術者になるには、コンピュータとアプリケーションソフトの技術だけでなく、情報を操作する原理とその背景となるものの考え方を十分に理解して身に着ける必要があります。

制御情報工学科の専門域を引き継いだ情報コースでは、情報・ネットワーク・マルチメディアをカリキュラムの柱に置き、それらの技術と知識をハードウェアとソフトウェアをバランス良く習得した上で、グローバルで活躍できるICTに強い創造的技術者の養成を目指しています。

Japan's social infrastructure depends on highly developed information and communication technology (ICT). To be a promising engineer in such a society requires the understanding and the acquisition of not only techniques for computers and software but also the principles for handling information and the logics and ethics behind them. The three main pillars of the curriculum of Course of Information Technology, which was built on the basis of Department of Systems and Control Engineering, are information, networks, and multi-media. The course aims to produce creative engineers who are competent on a global stage, based on their well-balanced knowledge and techniques of both hardware and software in these fields.

#### 教員及び専門分野 [Teaching Staff and Their Research Fields]

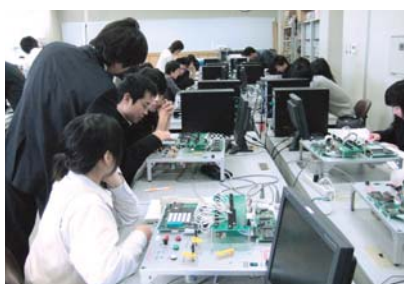
| 職名 [Official Post]           | 学位 [Degree]                    | 氏名 [Name]                   | 専門分野 [Research Field]  |
|------------------------------|--------------------------------|-----------------------------|--|
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 杉野隆三郎<br>[SUGINO Ryuzaburo] | 数理工学，情報処理<br>[Mathematical Engineering, Information Processing]                          |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 福田 耕治<br>[FUKUDA Koji]      | ロボット工学，画像処理<br>[Robot Engineering, Image Processing]                                     |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 吉田 晋<br>[YOSHIDA Susumu]    | 制御工学，計測工学，情報処理<br>[Control Engineering, Measurement Engineering, Information Processing] |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 岡本 浩行<br>[OKAMOTO Hiroyuki] | 光デバイス，情報処理<br>[Optical Device, Information Processing]                                   |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 福見 淳二<br>[FUKUMI Junji]     | インテリジェント制御，故障診断<br>[Intelligent Control, Failure Diagnosis]                              |
| 嘱託教授<br>[Professor]          | 博士（工学）<br>[Dr. of Engineering] | 田中 達治<br>[TANAKA Tatsuji]   | 制御工学，画像処理<br>[Control Engineering, Image Processing]                                     |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 安野恵実子<br>[YASUNO Emiko]     | 医用生体工学<br>[Biomedical Engineering]   |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 平山 基<br>[HIRAYAMA Motoi]    | 数値計算，表面科学<br>[Numerical Simulation, Surface Science]                                     |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 太田 健吾<br>[OTA Kengo]        | 音声言語処理，自然言語処理<br>[Spoken Language Processing, Natural Language Processing]               |



情報処理演習  
[Exercises in Information Processing]



ペッパー社会貢献プログラム  
[Social contribution program using Pepper robot]



組み込みシステム実習  
[Embedded System Practice]



仮想現実感スタジオ実験  
[Virtual reality studio experiment]

建設技術者は、安全で快適な街づくりや自然環境の創出・保全、地域活性化、脱炭素社会の実現などに貢献しています。近年では、建設業界においてもIoTやAIなど情報技術の活用が進み、情報技術の知識や技術を有する人材育成も必要となっています。建設コースでは、従来の土木系科目に加えて環境工学や情報工学に関わる科目も取り入れ、実践的な知識と技術を身に付けた技術者を養成しています。また、住宅・建築物の設計・施工などに欠かせない建築系科目も充実させ、建築士資格を取得できるよう実務と結びつけた教育を行っています。

Civil and architectural engineers participate actively in the fields: city development with safe and comfortable; creation and conservation of the natural environment; regional revitalization; realization of decarbonized society, and so on. In recent years, the application of information technologies: IoT and AI, has been gradually increasing in the civil engineering field. The Course of Civil Engineering cultivates the engineer acquired practical-minded knowledge and techniques through each subject, which are fundamental civil engineering, environmental engineering, and information engineering. In addition, our course provides the subjects of architectural engineering, associated with the practical business, to cultivate an architect.

### 教員及び専門分野 [Teaching Staff and Their Research Fields]

| 職名 [Official Post]           | 学位 [Degree]                    | 氏名 [Name]                   | 専門分野 [Research Field]   |
|------------------------------|--------------------------------|-----------------------------|---|
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 吉村 洋<br>[YOSHIMURA Hiroshi] | 地盤工学<br>[Geotechnical Engineering]                                |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 森山 卓郎<br>[MORIYAMA Takuro]  | 構造工学, 橋梁工学<br>[Structural Engineering, Bridge Engineering]        |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 長田 健吾<br>[OSADA Kengo]      | 水工水理学<br>[Hydraulic Engineering]                                  |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 多田 豊<br>[TADA Yutaka]       | 建築設計, 建築計画<br>[Architectural Design, Architectural Planning]      |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 井上 貴文<br>[INOUE Takafumi]   | 地震工学<br>[Seismic Engineering]                                     |
| 講師<br>[Lecturer]             | 博士（工学）<br>[Dr. of Engineering] | 角野 拓真<br>[KADONO Takuma]    | コンクリート構造, 維持管理工学<br>[Concrete Structure, Maintenance Engineering] |
| 助教<br>[Assistant Professor]  | 博士（工学）<br>[Dr. of Engineering] | 景政 柊蘭<br>[KAGEMASA Shuka]   | 環境工学<br>[Environmental Engineering]                               |



測量実習  
[Surveying Practice]



プレゼンテーション  
[Presentation]



協働プロジェクト  
[Collaboration Project]



橋梁見学  
[Bridge Tour]

現代の科学技術では、化学の知識を使って物質を原子や分子レベルで解明し、それを応用した次世代の物質を発見し、創り出すことが求められています。

化学コースでは、実践的な実験、演習を通して無機化学から有機化学におよぶ広範囲な材料及び化学工学に関する知識、技術を学び材料開発、化学プラントの開発及び化学薬品製造などの分野で活躍できるエンジニアの育成を目指しています。

Modern Technology requires us to analyze matter at the molecular and atomic levels by applying knowledge of chemistry and, on the basis of such analyses, discover and create materials for future generations.

Course of Chemical Engineering provides students with a wide range of knowledge and techniques for materials and chemical engineering covering both inorganic and organic chemistries. Through practical experiments and seminars, our future engineers will lead such fields as the development of new materials and chemical plants and the manufacturing of chemicals.

### 教員及び専門分野 [Teaching Staff and Their Research Fields]

| 職名 [Official Post]           | 学位 [Degree]                    | 氏名 [Name]                    | 専門分野 [Research Field]   |
|------------------------------|--------------------------------|------------------------------|---|
| 教授<br>[Professor]            | 工学博士<br>[Dr. of Engineering]   | 中村 厚信<br>[NAKAMURA Atsunobu] | 電子物性<br>[Electronic Properties]   |
| 教授<br>[Professor]            | 博士（工学）<br>[Dr. of Engineering] | 小西 智也<br>[KONISHI Tomoya]    | 無機材料科学, 材料工学<br>[Inorganic Materials Science, Materials Engineering]                                |
| 教授<br>[Professor]            | 博士（理学）<br>[Dr. of Science]     | 大田 直友<br>[OTA Naotomo]       | 海洋生態学（ベントス）, 生態系保全<br>[Marine Ecology, Ecosystem Conservation]                                      |
| 嘱託教授<br>[Professor]          | 博士（工学）<br>[Dr. of Engineering] | 吉田 岳人<br>[YOSHIDA Takehito]  | 半導体素子工学, レーザー応用工学, ナノテクノロジー<br>[Semiconductor Devices, Laser Technology, Nano-Technology]           |
| 准教授<br>[Associate Professor] | 博士（理学）<br>[Dr. of Science]     | 大谷 卓<br>[OTANI Takashi]      | 有機合成化学, 有機材料化学<br>[Organic Synthetic Chemistry, Organic Material Chemistry]                         |
| 准教授<br>[Associate Professor] | 博士（工学）<br>[Dr. of Engineering] | 鄭 涛<br>[ZHENG TAO]           | 無機材料化学, 炭素材料<br>[Inorganic Materials Chemistry, Carbon Material]                                    |
| 准教授<br>[Associate Professor] | 博士（理学）<br>[Dr. of Science]     | 上田 康平<br>[UEDA Kohei]        | 機能物性化学, 熱測定<br>[Functional Solid State Chemistry, Calorimetry and Thermal Analysis]                 |
| 講師<br>[Lecturer]             | 博士（工学）<br>[Dr. of Engineering] | 杉山 雄樹<br>[SUGIYAMA Yuuki]    | 有機合成化学, 高分子化学, 有機金属化学<br>[Organic Synthetic Chemistry, Polymer Chemistry, Organometallic Chemistry] |
| 助教<br>[Assistant Professor]  | 博士（工学）<br>[Dr. of Engineering] | 江連 涼友<br>[EZURE Ryosuke]     | 化学工学<br>[Chemical Engineering]  |



液体クロマト装置  
[Liquid chromatography]



実験結果の解析  
[Analysis of experiment results]



化学発光の実験  
[Experiment of chemiluminescence]



物質化学実験  
[Experiments of Materials chemistry]