

List of Faculties
Tokyo Institute of Technology International Graduate Program (A)
Commencing in September 2022

A2 Interdisciplinary Program on Cyber-Physical System for SmartSociety (CPSSS)

(1) Dept. of Mechanical Engineering

As of Sep. 13, 2021

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|----------------------|---|---------|---|
| Professor | ENDO, Gen | Robotics, Mechatronics, Mechanism Design | | •Mechanical Engineering |
| Professor | FUSHINOBU, Kazuyoshi | Thermal Engineering (Laser, Electronic Packaging, Digital Printing, Energy Equipment) | | •Mechanical Engineering |
| Professor | HIRATA, Atsushi | Surface Engineering | | •Mechanical Engineering |
| Professor | INOUE, Hirotsugu | Mechanics of Materials, Non-destructive Testing | | •Mechanical Engineering |
| Professor | MATUNAGA, Saburo | Space Systems Engineering, Micro/Nano Satellite/Spacecraft Systems, Smart Variable Shape Space Technology | | •Mechanical Engineering |
| Professor | NISHIDA, Yoshifumi | Living Centric Design, Living Function Support, Artificial Intelligence, IoT | | •Engineering Sciences and Design •Mechanical Engineering |
| Professor | NOZAKI, Tomohiro | Plasma Chemistry, Reaction Engineering, Thermal Engineering | | •Energy Science and Engineering •Mechanical Engineering |
| Professor | OHTAKE, Naoto | Manufacturing Science and Technology | | •Mechanical Engineering •Engineering Sciences and Design |
| Professor | OKADA, Masafumi | Robotics, Control Engineering | | •Engineering Sciences and Design •Mechanical Engineering |
| Professor | SAITO, Shigeki | Micromechanics, Micro Robotics, Engineering Design | | •Engineering Sciences and Design |
| Professor | SATO, Chiaki | Adhesion Technology, Composite Materials | | •Mechanical Engineering •Engineering Sciences and Design |
| Professor | SHINSHI, Tadahiko | Mechanical Systems, Magnetic MEMS, Artificial Heart | | •Mechanical Engineering •Human Centered Science and Biomedical Engineering |
| Professor | SUEKANE, Tetsuya | CO2 Geological Storage, Enhanced Oil Recovery, Transport in Porous Media, Numerical Simulation of Multiphase Flow | | •Energy Science and Engineering •Mechanical Engineering |
| Professor | TAKEDA, Yukio | Mechanical Systems Design | | •Mechanical Engineering •Engineering Sciences and Design |
| Professor | TANAHASHI, Mamoru | Fluid Dynamics, Heat and Mass Transfer, Combustion | | •Energy Science and Engineering •Mechanical Engineering |
| Professor | YAMAURA, Hiroshi | Mechatronics, Dynamics, Control | | •Mechanical Engineering |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|-------------------------------|---------------------|---|---------|---|
| Professor | YANAGIDA, Yasuko | Bio-MEMS/NEMS, Biosensing, Biofunctional Engineering | | •Human Centered Science and Biomedical Engineering •Mechanical Engineering |
| Specially Appointed Professor | KOBAYASHI, Tsune | Analysis and Design of Mechanical Elements, Mechanisms for Automobiles | | •Mechanical Engineering |
| Associate Professor | AKASAKA, Hiroki | Synthesis and Evaluation of Inorganic Carbon Materials | | •Mechanical Engineering •Engineering Sciences and Design |
| Associate Professor | AONO, Yuko | Functional Surface and Thin Film, Laser Processing | | •Mechanical Engineering |
| Associate Professor | HASEGAWA, Jun | Plasma Science and Technology, Ion Beam Application Studies, Inertial Fusion Studies, High Energy Density Science, Radiation Physics | | •Mechanical Engineering •Energy Science and Engineering |
| Associate Professor | HIJIKATA, Wataru | Mechatronics, Medical Device, Wireless Power Transmission | | •Engineering Sciences and Design •Mechanical Engineering |
| Associate Professor | INABA, Kazuaki | Continuum Mechanics | | •Mechanical Engineering •Engineering Sciences and Design |
| Associate Professor | ISHIDA, Tadashi | Biomedical MEMS, Nanobiology | | •Human Centered Science and Biomedical Engineering •Mechanical Engineering |
| Associate Professor | KIKURA, Hiroshige | Nuclear Reactor Safety, Process Control and Measurement System, Thermal Hydraulics, Safe Transport of Radioactive Material | | •Nuclear Engineering |
| Associate Professor | KIM, Joon-wan | MEMS, Micro Mechatronics, Bio Mechatronics | | •Mechanical Engineering •Human Centered Science and Biomedical Engineering |
| Associate Professor | KONDO, Masatoshi | Fusion reactor, Fast reactor, Material compatibility, Liquid metal technology | | •Nuclear Engineering |
| Associate Professor | MIZUTANI, Yoshihiro | Structural Reliability Engineering, Application of Artificial Intelligence | | •Mechanical Engineering •Engineering Sciences and Design |
| Associate Professor | MURAKAMI, Yoichi | Molecular Energy Mechanics, Thermal Engineering, Functional Materials Development, Light Wavelength Conversion, Flow Thermo-Electric Conversion, Nano-structured Thermal Energy Storage Materials | | •Mechanical Engineering •Energy Science and Engineering |
| Associate Professor | NAKANISHI, Hiroki | Space engineering, Space robotics | | •Mechanical Engineering |
| Associate Professor | NAKANO, Yutaka | Vibration Engineering | | •Mechanical Engineering |
| Associate Professor | NISHISAKO, Takashi | Nano/micro Fluid, Emulsion, Micro Chemistry, Bio chemistry, MEMS | | •Mechanical Engineering |
| Associate Professor | ONISHI, Ryo | Environmental Turbulent Flows, CFD, Machine Learning, Data Assimilation, Micro-Meteorology Forecasting System | | •Mechanical Engineering |
| Associate Professor | SAITO, Takushi | Development of Heat Transfer Control using Nanomaterials, Analysis of Transport Phenomena including Interface, Advanced Material Processing Technology using Heat | | •Mechanical Engineering •Energy Science and Engineering |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---|--------------------|--|---------|---|
| Associate Professor | SAKAGUCHI, Motoki | Mechanics and Strength of Materials | | •Mechanical Engineering |
| Associate Professor | SAKAMOTO, Hiraku | Space Structures, Dynamics, Numerical Analysis | | •Engineering Sciences and Design •Mechanical Engineering |
| Associate Professor | SASABE, Takashi | Advanced Energy Engineering | | •Mechanical Engineering •Energy Science and Engineering |
| Associate Professor | SHIMURA, Masayasu | Fluid Dynamics, Heat and Mass Transfer, Combustion, Combustion Control | | •Energy Science and Engineering •Mechanical Engineering |
| Associate Professor | SUGAHARA, Yusuke | Mechanical Systems Design | | •Mechanical Engineering •Engineering Sciences and Design |
| Associate Professor | TAKAYAMA, Toshio | Robotics & Mechatronics, Mechanism, Soft robot, Medical device, Microfluidic device | | •Mechanical Engineering |
| Associate Professor | TANAKA, Hiroto | Biomimetics, Fluid dynamics of animal flight and swimming, Flapping-wing aerial/underwater robots, Micro fabrication | | •Mechanical Engineering |
| Associate Professor | TANAKA, Tomohisa | Production engineering, Manufacturing, Tribology | | •Mechanical Engineering |
| Associate Professor | YAMAMOTO, Takatoki | Bionanotechnology, Micro TAS | | •Mechanical Engineering •Human Centered Science and Biomedical Engineering |
| Associate Professor | YAMAZAKI, Takahisa | Materials for Space Use, Advanced Joining and Surface Coating | | •Mechanical Engineering •Engineering Sciences and Design |
| Associate Professor | YOSHIOKA, Hayato | Production Engineering, Ultraprecision Mechanical System | | •Mechanical Engineering •Engineering Sciences and Design |
| Specially Appointed Associate Professor | ENDO, Mitsuru | Human Collaborative Robot, Light-weight Actuator, Mechatronics | | •Mechanical Engineering |
| Specially Appointed Associate Professor | MATSUURA, Daisuke | Analysis and Design of Mechanical Elements, Robotics, Mechatronics, Visual Measurement, Visual Servo, Non-contact Manipulation, Welfare equipment | | •Mechanical Engineering |
| Associate Professor (Lecturer) | MIURA, Satoshi | Human-Machine Interface, Brain-Machine Interface, Medical Robotics, Welfare Robotics, Surgical Robotics | | •Mechanical Engineering |
| Assistant Professor (Tenure Track) | CHUJO, Toshihiro | Astrodynamics, Trajectory design, Guidance, Navigation, and Control, Deep space mission design, Spacecraft system, Dynamics simulation | | •Mechanical Engineering |
| Assistant Professor (Tenure Track) | MINAMOTO, Yuki | Direct numerical simulations of turbulent reacting flows, theoretical and machine-learning based modelling for turbulent flows and other natural and social phenomena. | | •Energy Science and Engineering •Mechanical Engineering |

(2) Dept. of System and Control Engineering

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|------------------|---|---------|----------------------------------|
| Professor | AMAYA, Kenji | Inverse Problems, Computational Mechanics, Electrochemical Analysis, Optical Analysis | | •Systems and Control Engineering |
| Professor | IMURA, Jun-ichi | Robot Intelligent Control, Control Theory Hybrid Systems Theory | | •Systems and Control Engineering |
| Professor | KOSAKA, Hidenori | Thermodynamics, Fluid Dynamics, Internal Combustion Engine | | •Systems and Control Engineering |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---|----------------------|---|--|----------------------------------|
| Professor | KURABAYASHI, Daisuke | Biorobotic systems, Distributed systems, Motion planning | | •Systems and Control Engineering |
| Professor | NAKAO, Hiroya | Nonlinear Dynamics, Stochastic Processes, Self-organization Phenomena | | •Systems and Control Engineering |
| Professor | NAKASHIMA, Motomu | Sports Engineering, Biomechanics, Biorobotics, Musculoskeletal Analysis, Welfare Engineering | | •Systems and Control Engineering |
| Professor | SAMPEI, Mitsuji | Control Theory | | •Systems and Control Engineering |
| Professor | TSUKAGOSHI, Hideyuki | Biomimetic Soft Actuator, Fluid powered robot, Medical actuator | | •Systems and Control Engineering |
| Specially Appointed Professor | NAKADAI, Kazuhiro | Robot Audition, Computational Auditory Scene Analysis, Human-Machine Interaction | Prof. Nakadai belongs to research alliance laboratory with Honda Research Institute. Please make contact with the admission chair of the department, in advance. | •Systems and Control Engineering |
| Associate Professor | HARA, Seiichiro | Surface profile sensing, measurement information processing / evaluation, machining information sensing, surface texture design | | •Systems and Control Engineering |
| Associate Professor | HATANAKA, Takeshi | Cyber-Physical & Human Systems, Cyber-Physical Campus Energy Management, Networked Mobility, Distributed Optimization, Learning and Games | | •Systems and Control Engineering |
| Associate Professor | HAYAKAWA, Tomohisa | Control Theory, Dynamical Systems Theory, Smart Society, Game Theory | | •Systems and Control Engineering |
| Associate Professor | ISHIZAKI, Takayuki | Systems and Control Theory, Power Systems, Distributed Energy Management System, Optimization | | •Systems and Control Engineering |
| Associate Professor | MIYAZAKI, Yusuke | Biomechanics, Injury Preventive Engineering, Digital Human Modeling | | •Systems and Control Engineering |
| Associate Professor | OHYAMA, Shinji | Measurement Science | | •Systems and Control Engineering |
| Associate Professor | SATO, Susumu | Environmental Load Reduction in Transportation System, Control of Advanced Exhaust After-Treatment System, Alternative Fuels for Internal Combustion Engine | | •Systems and Control Engineering |
| Associate Professor | TANAKA, Masayuki | Computational photography, Image processing | | •Systems and Control Engineering |
| Associate Professor | YAMAKITA, Masaki | Control Engineering, Robotics | | •Systems and Control Engineering |
| Specially Appointed Associate Professor | ITOYAMA, Katsutoshi | Music Information Processing, Statistical Signal Processing, Machine, Learning, Robot Audition, Animal Sound Analysis | Associate Prof. Itoyama belongs to research alliance laboratory with Honda Research Institute. Please make contact with the admission chair of the department, in advance. | •Systems and Control Engineering |

(3) Dept. of Electrical and Electronic Engineering

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|---------------------|--|---------|--|
| Professor | CHIBA, Akira | Electric Machine, Magnetic Suspension | | •Electrical and Electronic Engineering •Energy Science and Engineering |
| Professor | FUJITA, Hideaki | Power Electronics, Electrical Machinery | | •Electrical and Electronic Engineering •Energy Science and Engineering |
| Professor | HIROKAWA, Jiro | Millimeter-wave/Terahertz-wave planar antennas, Electromagnetic wave analysis | | •Electrical and Electronic Engineering |
| Professor | KAJIKAWA, Kotaro | Plasmonics, Metamaterials, Nonlinear Optics | | •Human Centered Science and Biomedical Engineering •Electrical and Electronic Engineering |
| Professor | MANAKA, Takaaki | Organic and Polymer Electronics, Organic Devices, Nonlinear Optics | | •Electrical and Electronic Engineering |
| Professor | NAKAMURA, Kentaro | Optical Sensing, Applied Acoustic Devices | | •Human Centered Science and Biomedical Engineering •Electrical and Electronic Engineering |
| Professor | NISHIYAMA, Nobuhiko | Photonic Electronic Convergence Circuit, Semiconductor Lasers, Ultra high-speed transceiver and Measurement System using Photonic Integrated Circuit | | •Electrical and Electronic Engineering |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|----------------------|--|---------|--|
| Professor | OKADA, Kenichi | Wireless Circuit Design, 5G, Millimeter-Wave, IoT, Analog Circuit Design | | •Electrical and Electronic Engineering |
| Professor | SAKAGUCHI, Kei | Wireless communications, 5G/6G, IoT, mmWave, Wireless power transmission, Connected car, Automated driving | | •Electrical and Electronic Engineering |
| Professor | TOKUDA, Takashi | Microdevices and circuits for biomedical and IoT | | •Human Centered Science and Biomedical Engineering •Electrical and Electronic Engineering |
| Professor | UENOHARA, Hiroyuki | Optical Communications, Optical Signal Processing, Photonic Switching, Photonic Integration | | •Electrical and Electronic Engineering |
| Professor | WAKABAYASHI, Hitoshi | Semiconductor Devices, Nano-electronics, LSI | | •Electrical and Electronic Engineering |
| Associate Professor | AKATSUKA, Hiroshi | Low-Temperature Plasma Chemistry and Physics | | •Electrical and Electronic Engineering |
| Associate Professor | AOYAGI, Takahiro | Electromagnetic Compatibility (EMC) | | •Electrical and Electronic Engineering |
| Associate Professor | HAGIWARA, Makoto | Power Electronics, Smart Grid, Renewable Energy | | •Energy Science and Engineering •Electrical and Electronic Engineering |
| Associate Professor | IINO, Hiroaki | Organic Electronics, TFT, Imaging Devices | | •Electrical and Electronic Engineering |
| Associate Professor | ITO, Haruhiko | Opto-Quantum Electronics | | •Electrical and Electronic Engineering |
| Associate Professor | ITO, Hiroyuki | Low Power CMOS Circuits, Internet of Medical Things, IoT in Agriculture | | •Electrical and Electronic Engineering |
| Associate Professor | IWASAKI, Takayuki | Diamond Quantum Sensor, Solid-state Quantum Emitter for Quantum Communication, Diamond Device | | •Electrical and Electronic Engineering •Energy Science and Engineering |
| Associate Professor | KAKUSHIMA, Kuniyuki | Nanoelectronics and MEMS | | •Electrical and Electronic Engineering |
| Associate Professor | KIYOTA, Kyohei | Electric Machines, motor, generator, magnetic suspension | | •Energy Science and Engineering •Electrical and Electronic Engineering |
| Associate Professor | KODERA, Tetsuo | Quantum computing technology, Quantum Information devices, Nano quantum electronics | | •Electrical and Electronic Engineering •Energy Science and Engineering |
| Associate Professor | MIYAJIMA, Shinsuke | Photovoltaic materials and devices | | •Energy Science and Engineering •Electrical and Electronic Engineering |
| Associate Professor | MIYAMOTO, Tomoyuki | Optoelectronics, Optical wireless power transmission | | •Electrical and Electronic Engineering |
| Associate Professor | OHMI, Shun-ichiro | Semiconductor Devices | | •Electrical and Electronic Engineering |
| Associate Professor | OKINO, Akitoshi | Atmospheric Plasma Engineering, Spectrochemistry | | •Human Centered Science and Biomedical Engineering •Electrical and Electronic Engineering |
| Associate Professor | PHAM, Nam Hai | Semiconductor/metal spintronics, Ferromagnetic semiconductor, Topological insulator | | •Electrical and Electronic Engineering |
| Associate Professor | SHOJI, Yuya | Lightwave Circuits, Optical Communication | | •Electrical and Electronic Engineering |
| Associate Professor | SUGAHARA, Satoshi | Integrated Devices and Circuits | | •Electrical and Electronic Engineering |
| Associate Professor | SUZUKI, Safumi | Terahertz Devices, Active Metamaterials, THz Wireless Communication, THz Radar System, THz 3D Imaging | | •Electrical and Electronic Engineering |
| Associate Professor | TAGUCHI, Dai | Dielectric physics, Organic electronics, Nonlinear Optics | | •Electrical and Electronic Engineering |
| Associate Professor | TAKEUCHI, Nozomi | Plasma Engineering, Electrostatics, High Voltage Engineering | | •Electrical and Electronic Engineering •Energy Science and Engineering |
| Associate Professor | TRAN, Gia Khanh | Gbps-class wireless backbone network, Radio resource management using AI, IoT networks employing drones | | •Electrical and Electronic Engineering |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|------------------------------------|--------------------|--|---------|---|
| Associate Professor | WATANABE, Masahiro | Quantum Devices, Hetero-epitaxial Engineering | | •Electrical and Electronic Engineering |
| Assistant Professor (Tenure Track) | KAWABE, Kenichi | Power system engineering, Renewable energy sources | | •Electrical and Electronic Engineering •Energy Science and Engineering |
| Assistant Professor (Tenure Track) | SANO, Kenichiro | Power Electronics, High voltage dc transmission | | •Electrical and Electronic Engineering •Energy Science and Engineering |

(4) Dept. of Information and Communications Engineering

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|-----------------------|---|--------------------------------------|---|
| Professor | FUKAWA, Kazuhiko | Wireless Communications, Wireless Communication Networks, Intelligent Signal Processing, Adaptive Filter Theory | | •Information and Communications Engineering |
| Professor | ISSHIKI, Tsuyoshi | System-LSI Design Methodology, Embedded Processor Design | | •Information and Communications Engineering |
| Professor | KANEKO, Hirohiko | Visual Information Processing, Human Space Perception, Eye Movements, Multimodal Sensory Interaction | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Professor | KOIKE, Yasuharu | Human Interface, Computational Neuroscience | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Professor | MOTOMURA, Masato | Reconfigurable Hardware, Intelligent Computing, Deep Learning Processor, Annealing Machine | | •Information and Communications Engineering |
| Professor | NAKAMOTO, Takamichi | Human Interface, Olfactory Display, Odor Sensing System, Sensor Information Processing | | •Information and Communications Engineering |
| Professor | NAKAYAMA, Minoru | Human Factors, Visual Perception, Language Processing, Educational System Evaluation, Educational Technology | | •Information and Communications Engineering |
| Professor | OGATA, Wakaha | Modern Cryptography, Cryptographic Protocol, Provable Security | | •Information and Communications Engineering |
| Professor | OKUMURA, Manabu | Natural Language Processing, Text Summarization, Text Mining, Sentiment Analysis | | •Information and Communications Engineering |
| Professor | SLAVAKIS Konstantinos | Signal Processing, Machine Learning, Data Analytics | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Professor | SUZUKI, Kenji | Deep learning, Machine learning, Computer-aided Diagnosis, Biomedical Image Understanding, Artificial Intelligence. | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Professor | TAKAHASHI, Atsushi | VLSI CAD, Physical Design, Synchronous Circuits | | •Information and Communications Engineering |
| Professor | UYEMATSU, Tomohiko | Information Theory, Coding Theory | | •Information and Communications Engineering |
| Professor | YAMADA, Isao | Signal Processing, Machine Learning, Optimization, Inverse Problems | | •Information and Communications Engineering |
| Professor | YAMAGUCHI, Masahiro | Optical Imaging and Display, Spectral Imaging, Pathology Image Analysis, Holography | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Professor | YAMAOKA, Katsunori | Information and Communication Network | | •Information and Communications Engineering |
| Visiting Professor | SATO, Imari | Computer Vision, Computer Graphics, Image-Based Modeling and Rendering, Machine Learning | Accept as an academic co-supervisor. | •Information and Communications Engineering |
| Associate Professor | FUNAKOSHI, Kotaro | Natural Language Processing, Multimodal Dialogue System, Human-Machine Interaction | | •Information and Communications Engineering |
| Associate Professor | HARA, Yuko | Low-Energy Embedded Systems, Internet of Things (IoT), Hardware/Software Co-design | | •Information and Communications Engineering |
| Associate Professor | HASEGAWA, Shoichi | Physics Engine, Character motion, Haptics, Virtual Reality, Human Computer Interaction, Entertainment Computing | | •Information and Communications Engineering |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|---------------------|--|---------|---|
| Associate Professor | JITSUMATSU, Yutaka | Information Theory, Communication Systems, Information Security | | •Information and Communications Engineering |
| Associate Professor | KASAI, Kenta | Coding Theory, LDPC Codes, Spatially Coupled Codes | | •Information and Communications Engineering |
| Associate Professor | KITAGUCHI, Yoshiaki | Network Operations Management, Network Security | | •Information and Communications Engineering |
| Associate Professor | MATSUMOTO, Ryutaroh | Error-correcting code, information theory, quantum information | | •Information and Communications Engineering |
| Associate Professor | NAGAI, Takehiro | Color Science and Technology, Material Perception Science, Visual Psychophysics | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Associate Professor | NAKAHARA, Hiroki | Reconfigurable Computing, High-Performance Computing, FPGA, Machine Learning | | •Information and Communications Engineering |
| Associate Professor | NAKATANI, Momoko | Human Computer Interaction, Service Design, Communication Enhancement, Well-being | | •Engineering Sciences and Design |
| Associate Professor | NISHIO, Takayuki | Wireless Networks, Application of Machine Learning, Federated Learning, Ambient Sensing, Multi-modal System, Resource Coordination | | •Information and Communications Engineering |
| Associate Professor | OBI, Takashi | Medical Informatics, Medical Image Processing, Information Security, Secure System | | •Information and Communications Engineering •Human Centered Science and Biomedical Engineering |
| Associate Professor | SASAKI, Hiroshi | Computer Architecture, Computer Security, Computer Systems, Internet of Things (IoT), Workload Characterization | | •Information and Communications Engineering |
| Associate Professor | SHINOZAKI, Takahiro | Speech Understanding, Dialogue System, Reinforcement Learning, Machine Learning | | •Information and Communications Engineering •Human Centered Science and Biomedical Engineering |
| Associate Professor | TABARU, Marie | Biomedical Engineering Measurement, Agricultural Engineering Measurement, Acoustic Engineering | | •Information and Communications Engineering |
| Associate Professor | WATANABE, Yoshihiro | Computer Vision, Augmented Reality, Digital Archiving, Human-computer Interaction | | •Information and Communications Engineering |
| Associate Professor | YOSHIMURA, Natsue | Brain Activity Decoding, Human Interface, Computational Neuroscience | | •Human Centered Science and Biomedical Engineering •Information and Communications Engineering |
| Associate Professor | YU, Jaehoon | Machine Learning, Intelligent Computing, Pattern Recognition, System Architecture | | •Information and Communications Engineering |

(5) Dept. of Industrial Engineering and Economics

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|-------------------|--|------------------------------------|---|
| Professor | INOUE, Kotaro | Corporate Finance, Corporate Governance | | •Industrial Engineering and Economics |
| Professor | MATSUI, Tomomi | Optimization Theory, Combinatorics, Operations Research | | •Industrial Engineering and Economics |
| Professor | NAKATA, Kazuhide | Operations Research, Continuous Optimization, Machine Learning | | •Industrial Engineering and Economics |
| Professor | SENOO, Dai | Knowledge Management, Leadership | | •Industrial Engineering and Economics •Engineering Sciences and Design |
| Professor | SHIOURA, Akiyoshi | Discrete Optimization, Operations Research, Algorithm Theory | | •Industrial Engineering and Economics |
| Professor | UMEMURO, Hiroyuki | Affect and Emotion, Gerontechnology, Human Factors | | •Industrial Engineering and Economics |
| Professor | YAMATO, Takehiko | Economic Theory, Experimental Economics | | •Industrial Engineering and Economics |
| Visiting Professor | MASUI, Toshihiko | Environmental Economic Modeling | Accept students as a co-supervisor | •Industrial Engineering and Economics |
| Associate Professor | AOKI, Hirotaka | Human Factors and Ergonomics, Industrial Engineering | | •Industrial Engineering and Economics |
| Associate Professor | CHUNG, Sulin | Marketing, Retailing | | •Industrial Engineering and Economics |

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|------------------------------|-----------------|--|------------------------------------|---------------------------------------|
| Associate Professor | FUKUDA, Emiko | Industrial Economics, Game Theory | | •Industrial Engineering and Economics |
| Associate Professor | GU, Xiuzhu | Healthcare management, Safety engineering, Human factors | | •Industrial Engineering and Economics |
| Associate Professor | HORI, Takeo | Dynamic Macroeconomics, Economic Growth | | •Industrial Engineering and Economics |
| Associate Professor | KAWASAKI, Ryo | Mathematical Economics, Game Theory | | •Industrial Engineering and Economics |
| Associate Professor | NAGATA, Kyoko | Financial Reporting, Company Analysis, Corporate Governance | | •Industrial Engineering and Economics |
| Associate Professor | OGASAWARA, Kota | Clometrics, Health Economics | | •Industrial Engineering and Economics |
| Associate Professor | SEABORN Katie | Human factors engineering, inclusive design, game design, UX | | •Industrial Engineering and Economics |
| Visiting Associate Professor | KANAMORI, Yuko | Environmental Economic Modeling | Accept students as a co-supervisor | •Industrial Engineering and Economics |