

Faculty Members and Research Fields (Master's Program)

Mechanical Systems Engineering Program

Professors:

Miyazaki, Tatsujiro: Dr. Eng., Kyushu University, 2003
Strength of Materials, Mechanics of Interface, Metal Fatigue.
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Oshikawa, Wataru: Dr. Eng., The University of Tokyo, 2005
Corrosion and Corrosion Protection
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Senaha, Izuru: Dr. Eng., Nagoya University, 2001
Thermal Engineering, Heat Transfer Engineering, Fluid Dynamics.
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Fujikawa, Masaki: Dr. Eng., Aoyama Gakuin University, 2006
Computational Mechanics, Experimental Mechanics, Solid Mechanics.
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Matsuda, Shoichi: Dr. Eng., University of the Ryukyus, 2001
Thermal Engineering, Heat Transfer Engineering, Fluid Dynamics, Welding Engineering.
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Yasuda, Keita: Dr. Eng., Keio University, 2015
Thermal Engineering, Physical Chemistry
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Associate Professors:

Kanda, Yasuyuki: Dr. Eng., University of the Ryukyus, 2008
Material Processing, Computational Mechanics
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Kondou, Ryouji: Dr. Eng., Okayama University, 2003
Theory of Plasticity, Theory of Crystal Plasticity, Theory of Dislocations.
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Sueyoshi, Toshiyasu: Ph.D. (Information Sciences), Tohoku University, 2004
Engineering of Plasticity, Plastic Constitutive Equation, Numerical Analysis.
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Ameku, Kazumasa: Dr. Eng., University of the Ryukyus, 2009
Wind Energy, Wind Turbine Generator.
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Ishikawa, Masaaki: Dr. Eng., University of Fukui, 2000
Multiphase Flow, Fluid Dynamics, PIV (Particle Image Velocimetry).
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Minakuchi, Hisashi: Dr. Eng., Shizuoka University, 2006
Chemical Engineering, Heat and Mass Transfer.
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Nagashima Hiroki: Dr. Eng., Tohoku University, 2014
Hydrogen Energy Engineering, Micro/Nano Thermo-fluid Dynamics
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Electrical and Electronics Engineering Program

Professors:

Senjyu, Tomonobu: Dr. Eng., Nagoya University, 1994
Power Electronics, Electronic Machine, Power System Engineering, Intelligent Control Engineering, Renewable Energy Engineering, System Optimization.
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Urasaki, Naomitsu: Dr. Eng., University of the Ryukyus, 2004
Electric Machinery, Motor Drives, Power Electronics.
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Higa, Akira: Dr. Eng., Osaka University, 1996
Thin Film Engineering, Carbon Materials, Solid State Electronics
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Yamazato, Masaaki: Dr. Eng., Kumamoto University, 1999
Electronic materials and devices, Bio materials.
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Power Energy Conversion
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Associate Professors:

Harada, Shigemi: Dr. Eng., Hiroshima University, 1999
Power System Analysis
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Control Engineering
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Magnetic Materials and Applications, Magnetic Measurement, Magneto-elastic Effects.
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Organic Electronics
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Quantum Computation, Quantum Algorithms, Quantum Devices.
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Assistant Professors:

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Atmospheric Electricity, Solid State Physics, Image Analysis
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Miyagi, Kazuya: Dr. Eng., University of the Ryukyus, 2010
Optical Device Instrumentation Technology
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Okada, Tatsuya: Ph. D., Hiroshima University, 2009
Thin Film Semiconductor
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Power System Engineering, Renewable Energy Engineering, System Optimization
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Civil Engineering Program

Professors:

Shimozato, Tetsuhiro: Dr. Eng., University of the Ryukyus, 2008
Structural Engineering, Steel-structural Engineering, Bridge-maintenance Engineering.
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Tomiyama, Jun: Dr. Eng., University of the Ryukyus, 2000
Concrete Engineering, Computational Mechanics.
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Geosphere Engineering, Computational Engineering and Science
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Kamiya, Daisuke: Dr. Eng., Kyoto University, 2003
Urban and Regional Planning, Disaster Risk Management.
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Associate Professors:

Fukuda, Tomoo: Dr. Eng., Chuo University, 2013
Hydraulics, River Engineering, Computational Fluid Dynamics
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Architecture and Building Engineering Program

Professors:

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Structural Engineering
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Urban Planning, Landscape and Land Use Planning, Urban Politics and Planning Systems.
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Yamada, Yoshitomo: Dr. Eng., Utsunomiya University, 2000
Construction Materials (Buildings), Concrete Engineering, Fresh Concrete Rheology.
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Sakihara, Kohei: Dr. Eng., Toyo University, 2013
Building Materials, Concrete Engineering, Computational Engineering
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Associate Professors:

Irie, Toru: Dr. Eng., Yokohama National University, 2002
Architectural Design, Architectural Theory.
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Assistant Professors:

Kinjo, Haruno: University of the Ryukyus, 2019
Architectural Design.
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Nakamatsu, Ryo: University of the Ryukyus, 2005
Environment Engineering, Thermal Environment.
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Structural Engineering, Disaster Prevention Engineering
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Systems and Computer Engineering Program

Professors:

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Medical Instrumentation, Therapeutic and prosthetic devices.
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Robot vision, Machine learning.
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Wireless Communications
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Associate Professors:

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Control Engineering
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Miyata, Ryota: Dr. Eng., Tokyo Institute of Technology, 2014
Artificial Intelligence, Machine Learning, Data Mining.
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Hanba, Shigeru: Ph. D., The Graduate University for Advanced Studies, 1996
Nonlinear Control Theory
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Nozaki, Shinya: Dr. Eng. University of the Ryukyus, 2003
Image Processing, Soft Computing.
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Hydraulics, Coastal Engineering, Computational Fluid Dynamics.
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Computer Science and Intelligent Systems Program

Professors:

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Artificial Intelligence, Neural Networks, Intelligent Systems, Adaptive Algorithms, Machine Learning.
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Data Science, Machine Learning, Information Security, Signal Processing, Media Transmission, Image/Video Coding, Channel Coding.
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Mathematical Systems Science, Computational Intelligence, Parallel and Distributed Systems.
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Data Science, Mathematical Statistics, Media Informatics.
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Human-Computer Interaction (HCI), Body Sharing, User Interface and Human Interface.
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Complex Systems, Intelligent Robotics, Artificial life, Evolutional Computation.
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Neural Networks, Adaptive Signal Processing, Computer Vision, Data Mining Systems
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Artificial Intelligent Systems, Audio & Image Signal Processing, EEG Signal Analysis and Classification, Geographic Information Systems.
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Kunita, Itsuki: Dr. Syst. Info. Sci., Future University Hakodate, 2011
Complex systems, Bio-information, Behavior and mechanics of lower animals.
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Data Science, Artificial Intelligence, Medical Support System, Medical Database
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Associate Professors:

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Computer Vision, Augmented Reality, Intelligent Transport Systems.
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