

デザイン工学専攻／Department of Industrial Design

教員紹介／Teaching Staff

職位／Title	氏名／Name	学位／Education	研究内容／Research
Professor	UMEDA Hiroki	Master of Engineering	Generally practicing and studying the design of industrial products and fashion.
Professor	ONUMA Masahiro	Doctor of Engineering	My main theme is architectural design for “the worth of maturity” of life and work place with projects typified by preservation, utilization and renovation of regional cultural properties in Tohoku Region as a town architect professor. Recently, I'm trying to encourage unknown collaboration ateliers of arts and crafts or to support rehabilitation of disaster area, for example Rikuzen Area that is famous for natural slate roofed houses in vernacular landscapes.
Professor	OOBA Makoto	Doctor of Geo-environmental Science	The degradation of forest ecosystems, due to depopulation, aging, and depression of industry in rural area, has been discussed while increased demand of renewable energy for woody biomass can result in much attention for forestry and rural area. An overview of the regional circulation on a small woody biomass energy system are needed in the typical rural area, Japan. For the resolving the problem, two issues (energy and forest) in the study area were focused and discussed considering national-level background. I suggested two constraints (circulation radius and feasible size) and conducted four research activities (forest resource, production, energy infrastructure, and social system and scenarios) for the local revitalization. Finally, it can be stressed that the goal of our project is the same as the concept of SDGs and "regional circular and ecological spheres" (regional CESs).
Professor	KAWASHIMA Kazuhiro	Master of Business Administration	I am studying management accounting methods for small and medium-sized enterprises (SMEs) in Japan. Currently, focusing on the Hokkaido and Tohoku regions, we are conducting empirical research to determine whether the introduction of management accounting methods in SMEs has a positive effect on financial performance. As a research method, we conduct a questionnaire survey using a mail questionnaire, and then conduct a detailed interview survey. We are also focusing on business activities that link the social and economic values of companies that aim for sustainability management.
Professor	KOIWAI Hironori	Doctor of Economics	I dedicate myself to research in the fields called "environmental economics" and "law and economics", both of which are sub-disciplines of the applied microeconomics. (I believe, in particular, "law and economics", will further develop in near future.) Specifically, based on institutional theory, I make an analysis of the effects produced by deciding the provisions defined the applicable laws on proprietary rights and transaction costs in reference to precedents and specific laws. I hope my works will contribute to establishing the better legal system of environmental laws and governmental policies.
Professor	HATAKEYAMA Yugo	Doctor of Engineering	My research explores mainly about the regional disaster prevention from the point of architectural planning and urban planning, which regards both macroscopic and microscopic perspective as important about evacuation planning, regional disaster prevention and landscape evaluation.
Professor	HORIE Masahiro	Doctor of Information Sciences	It is a critical challenge to design User Experience (UX) in the software development. But the designing of UX is quite a difficult task. Therefore, we have referred to agile software development and structured the design method. There are two features in this design method as follows; 1. UX designer attends the software development from its early stage. 2. Carrying out the Workshop several times, using prototype software
Professor	KISHIMOTO Seiji	Master of Arts in Cultural Studies	Through many years of fieldwork in various parts of Japan, I have been conducting research on the history of the relationship between people and nature, and livelihood techniques. Now that the population is declining and globalization is progressing, we will explore new values and hints of connections necessary for the future society from the folk society.
Professor	SHINOHARA Ryota	Bachelor of Engineering	Graphic Design, 3D Illustration
Professor	FURUKAWA Tetsuya		I am studying graphic design and related field through practice.
Associate Professor	ITO Miyuki	Master of Science in Nursing	The research is recognition and self decision of the person with physical imperfections and the disease. The research is healthy maintenance of the mind and body of the people and the improvement of QOL.
Associate Professor	SATO Asuka	Doctor of Economics	My major research interests are "Contingent Work Arrangements" and "Staffing Industry" as match pump of low income workers, and structural analysis how the industry worsen their working conditions in the U.S., and how improve contingent workers' working conditions. Another interests are Creation of New Industries and Industry-Academia-Government Collaboration through "Knowledge Cluster Initiative". My last position from 2004 to 2007- was plotter, and drew up strategies for new industry creation of Ishikawa prefecture, here in Japan.
Associate Professor	SHIMOUSA Yoshinori	Master of Business Administration	The approach and know-how that design has cultivated in the past is attracting attention in the field of business management as it can contribute to innovation and branding. It was in 2018 that Japan announced this content as the "Design Management Declaration". This field, which is only just gaining recognition, is the theme of our laboratory. In this turbulent world, the management of organizations and companies is moving forward in an unknown field, and here, we are committed to research that can contribute to society with the importance of being design-driven.
Associate Professor	TAKAKI Rie	Doctor of Engineering	I have studied methods to create energy-efficient and comfortable indoor environments. I have carried out field surveys and experiments concerning both the exterior and the interior construction of buildings, including functions for environmental control provided in the building, and investigations into both the performance and the method of the operation of equipment used for this purpose. Through my research, I consider ways of reconciling both indoor environmental comfort and energy saving.
Associate Professor	TANIMOTO Yukako	Doctor of Human science	Japan is now a super-aged society, so creating an environment for elderly people to live a healthy and productive life is necessary. My studies show the condition for the architectural planning on the housing designs by analyzing the movement of elderly people and staffs in both nursing and group homes. These studies mainly refer to Architectural designs. In addition, they also include Nursing care public welfare services, Nursing, and Sociology.