

Division of Mechanical Science and Engineering	Research field	Textile Sciecne	Lab. ID MS33
Laboratory web site			
Research subjects			
<p>Clothes for daily use are made from fabric, yarns, and fibers. These textile products are fiber assembly that are used for the manufacture of apparel as well as multiple products in different fields. Therefore, the study results and research skills acquired in our laboratory have multiple fields of application. Owing to the rising health concerns, our laboratory focuses on the research of textiles for hygiene. For research information related to hygiene products, a survey study regarding material development, product manufacture, and development of the evaluation system was conducted.</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>Currently, I am in charge of one class subject in doctor course. During class, the knowledge and skills required for the functional design and development of textile products are learned using a holistic approach. Students refer to survey research, material development, and measurement of sensitivity evaluation based on statistics, textile engineering, and ergonomics and Kansei engineering, respectively.</p>			
Daily life in the laboratory, etc.			
<p>As part of day-to-day academic activities, the necessary skills required in multiple academic areas are acquired. First, the different types of analyses and methods required for conducting literature searches, questionnaires, and experiments are studied on the basis of statistics. Second, the principles of methods and processes used in the manufacture of textile products are understood by touring the traditional textiles facilities in Kanazawa. Third, through participation in sensory tests, experimental techniques of the test are studied. In addition, the relations between the sensitivity and physical properties of newly developed textiles are considered.</p>			
Message or comments by the laboratory faculty staffs			
<p>On attempting to understand the various complicated events involved while developing a high-quality product, achieving results in a short time period is difficult. However, hints and solutions to solve problems can be obtained by simple, positive, and constant thinking. This should be verbalized and practiced. Currently, developing a research environment and learning by trial and error is possible. There are interestingly to approach from different research area and to find of same meaning points and different meaning points, and differences of remarkable points.</p>			
Recent Master theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
Recent Doctoral theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
Laboratory mail address			