

Division of Mechanical Science and Engineering	Research field	Precision Machining	Lab. ID ME08
Laboratory web site	https://manufac.w3.kanazawa-u.ac.jp/		
Research subjects			
The Precision Machining Laboratory conducts research on production machining technologies that are important in manufacturing. In this laboratory, we conduct research on various machining technologies, especially cutting, electrical discharge machining, and electrochemical machining, which are classified as typical machining technologies and special machining processes. By utilizing various methods such as experimental approaches, simulation, and machine learning, we aim to establish high-precision and high-efficiency machining methods for various materials ranging from difficult-to-machine metals to brittle materials, and to clarify various machining phenomena.			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
Research subjects in our laboratory are joint researches with companies, or funded by government grants and non-profit foundations. Thus all students have to take responsibility for your research theme. Lab meeting is regularly held once a week. Every member reports the progress of research once a month at the meeting. All laboratory members attend the meeting, and the results are discussed. The research results are presented at the academic conference several times a year.			
Daily life in the laboratory, etc.			
Personal working desk is available for every student. All students have to stay at laboratory from 10:00 to 17:00 on weekdays. Many laboratory activities are organized like, welcome party for new comers, excursion, summer workshop, etc.			
Message or comments by the laboratory faculty staffs			
We accept foreign students, and many foreigners took Ph.D in our laboratory. All activities or correspondences in the laboratory can be done in English. We look forward to working with you in our laboratory.			
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