

Division of Mechanical Science and Engineering	Research field	Material Processing	Lab. ID ME12
Laboratory web site	http://amti.w3.kanazawa-u.ac.jp/		
Research subjects			
<p>Our subjects are press forming, joining and cutting of thermoplastic CFRP(carbon fiber reinforced plastic). CFRPs have been used in the aviation and automobiles these days to reduce their weight and fuel consumption during operation. To meet the increasing demand, thermoplastic CFRP replaces conventional thermosetting CFRP in future. Manufacturing techniques required for thermoplastic CFRP is different from that for thermosetting CFRP. The aim of our study is to realize such techniques which manufacture products efficiently and to understand the mechanism involved in the process.</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>Master course student is requested to achieve performance to plan research schedule, develop equipments, perform experiments, summaries and investigate the results. We have regular meeting to discuss how these things are proceeding. Doctor course student must achieve the performance to find research subject and elucidate the significance of the research result and write research paper.</p>			
Daily life in the laboratory, etc.			
<p>Communication among students is important as well as the communication with professor. Welcome party and various kind of party in the laboratory is important time for mutual understanding.</p>			
Message or comments by the laboratory faculty staffs			
<p>Please survey by yourself on the interested things, make an effort to create your original idea and investigate by yourself on the obtained experimental data. Please ask your surrounding students on anything what you don't know. Through these activities you can get many knowledge and skills for promoting the research.</p>			
Laboratory mail address	dtatsuno@se.kanazawa-u.ac.jp		