

We noticed that screws are not well understood despite their many lives in our immediate lives. First of all, Maruemu Factory cooperated with us to help international students to interest in screws.

On November 15, During the lecture, Maruemu Factory visited Doshisha University and gave a lecture. The purpose of this lecture was to make it easier to understand the screw factory tour, which was held a week later. The contents of the lecture were basic lectures on screws, from the oldest water supply device using the principle of screws to the screw manufacturing method. We also visited Maruemu Factory in advance to discuss what should be done for international students who are not familiar with screws, focusing on familiar surroundings so that students can be interested.

Among them, screws are used for various purposes, and in addition to the function of connecting objects to each other, Maruemu Factory introduced a technology such as measuring objects, applying force, moving, applying pressure, sealing, fixing, etc. Especially, screw technology used for PET bottle caps was well received and I was surprised.

The spiral shape of the screw was very ideal, as a natural phenomenon was a tornado, in architecture it was used for medieval stairs, and in martial arts such as Chinese tai chi. The lecture was very good and easy for everyone to understand,

One of the opinions of the students who participated in the lecture was that they were more interested in screws than before it. He also said I wanted to know more about screws. There were also many opinions that the screw understood its importance in our lives by listing its various uses. I thought I had achieved our purpose in the lecture.



On November 22, for a factory tour, we visited the headquarters of Maruemu Factory. The purpose of the factory tour was to gain an understanding of the skills learned by lecture and to understand the importance of screws in Japan by seeing the screw manufacture visually. On the day of the tour, we walked inside the factory under the guidance of a technician of Maruemu Factory. In the lecture, I had heard about the screw manufacturing method and inspection method, but when I actually saw it, it was more powerful than my imagination, and

I was able to give a strong impression on the international students. They were particularly surprised to see the cross section formed by the splitting of the screw.

According to a questionnaire conducted after the factory tour, "guidance by technicians during the factory tour was kind and easy to understand." "The screws were simple but very interesting." "All the machines I saw at the factory were cool. Worth doing next year. " Most of these answers were participants who had no not interested in screws before. She also mentioned that she would like to join a corporate intern after the lecture. Through this program, We were able to give international students the impression that designing and manufacturing screws is a challenge for engineers.

