2018 Academic Year Overseas Academic Visiting Program Report Department of Industrial Engineering and Management, Yuan Ze University

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This international academic exchange event visited Kyoto University, Kyoto Women's University, Kansai University, and Panasonic. The first visit was Kyoto University. Kyoto University is a comprehensive university. It is the second oldest Japanese university, one of Asia's highest ranked universities and one of Japan's National Seven Universities. Based on free and independent research, it develops and integrates basic and applied research and fusion of liberal arts research. During the academic exchange at Kyoto University, Kyoto University professors briefly introduced their campus and the main research in their labs. Several Kyoto University students and our students took turns to report respective research projects. They also raised questions and discussed ideas with us in the meantime. We also visited their labs, and the research in each lab made us very impressed. One of the laboratory researches is the use of virtual reality simulation of situations which will be encountered in the real factory, so that users can use the virtual reality simulation operation before the actual operation to reduce the occurrence of disasters. For the degree of concentration of people in the office or learning environment, they have set up a lab environment to allow participants to test whether the concentration has an impact in different indoor temperatures or times. In addition, there's a research to simulate the real facility planning situation, which uses RGB-D camera with the simulation scaffolding set in constructions to measure the relative distance position and relative proportions.

The second school visit was Kyoto Women's University, a private women's school. A Kyoto Women's University's professor who specializes in human factor taught us a very interesting and substantial design thinking course. I learned that to learn design thinking, we must understand that "design thinking" is only one of the parts of "system thinking". When we design goods or concepts, we need the systematic thinking and must have empathy with it to give the design of the things a story, so that the design is no longer just a simple design goods but can let the customer feel the emotional design. I also learned that when designers designed things, they used to take designers themselves as the starting point and thought that a good design equals to good results. But in fact, in design thinking and system thinking, you should consider the user's attributes and other factors, rather than just the designer's own experience. The professor also said that, in his view, the concept of service

design should be based on the relationship between people, integration of all the different design, and people enjoying the entire design, that is the real service design. And the professor also suggested that before implementing a design, we should have a systematic list of the overall architecture and implement it in a logical way. This class at Kyoto Women's University had benefited us a lot. We had also broadened our horizons when interacted with their professors and students. In addition, we found that in their own learning process, they use spare time to develop their interests and participate in many interesting clubs, which is different from us comparing to our school culture.

Our third visit was Kansai University which is a private research-oriented university. Their laboratory research is also very powerful and interesting. The more impressive researches to us included the use of virtual driving situation screen to test the driving experience of the difference between the simulating speed and the real speed, the use of current conduction measurement heartbeat pulse, research intelligent mobile phone models of surface grip comfort ... etc.

The last place to visit was Panasonic where we had been looking forward to for quite a while. Matsushita Kōnosuke is the founder of Panasonic, he is known as "the god of management". The evolution of each of his appliances and electronics has opened my eyes; and the business philosophy of Matsushita Kōnosuke and the growth of the entire company is even more amazing to me. I think that without his efforts and persistence, there would be no such convenient electrical appliances to use. Matsushita Kōnosuke once wrote, "Everyone has their own path, which is sometimes spacious, sometimes narrow, sometimes uphill, sometimes downhill, sometimes stepping on and off, sometimes hesitating. However, as long as you set your heart and hope to go on, the road will inevitably expand and expand, and the joy from the heart will be born." They say words of wisdom are like safe harbors for souls that have lost their way. I had been so touched by the words Matsushita Kōnosuke wrote. What I have learned in this visit to Panasonic, wasn't only the evolution of these electrical appliances, but also his enthusiasm for enterprise development and his life philosophy, that would give me more confidence and courage to pursue my ideal life.

I felt very grateful and honored to participate in this overseas academic exchange activities. They really benefited me a lot. Many of the things I have learned in the process are already beyond description. As a college student, I think the current generation of college students are being offered lots of possibilities while also being confronted with greater difficulties as a result of the ever-changing world. Therefore, we must get equipped with an international point of view so as to prepare ourselves for the challenges of global competition. This wonderful experience is a good way for us to expand our international point of view. We have explored a different culture and

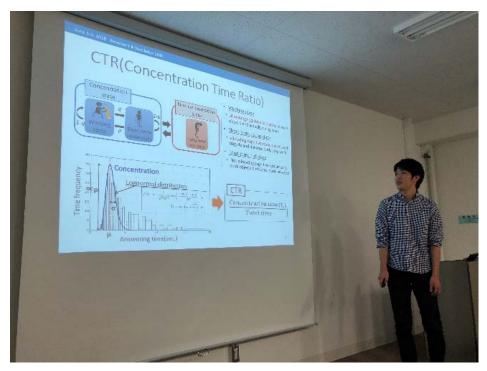
broaden our horizons through this activity. And I believe the things that we learned during this trip will inspire us to grow and thrive, lead us to a better life.



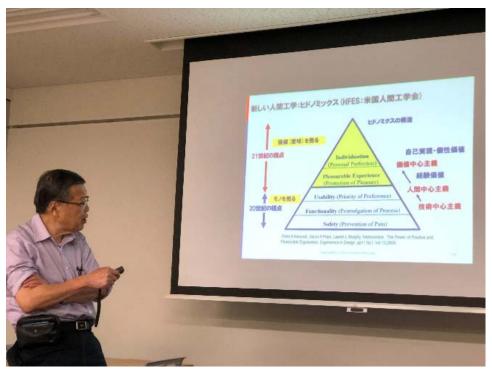
Kyoto University and Yuan Ze University students take picture at Kyoto University together



Yuan Ze University students report research



Kyoto University students report research



Kyoto Women's University's professor teaches a lesson



Visit Kansai University's laboratory



Visit Panasonic