

明治大学外国人研究者招聘制度 報告書

<招聘教授・研究員の情報 / Guest Professor・Guest Scholar>

氏 名	Dr. Thita Soonthornvipat
Name	
所属機関(派遣元)	Chiang Mai Rajabhat University, Thailand チェンマイラジャバット大学
Affiliation (Home Organization)	
現在の職名	専任講師
Position	
研究期間 (日本への入国日から出国日)	2025/5/9-7/22
Period of Stay (from the date of entry to departure)	
専攻	Plant physiology, post-harvest technology 植物生理学、ポストハーベスト工学
Field of Research	
ホスト教員氏名と所属学部研究科等	池田敬、農学部農学科
Name of host teacher and affiliation at Meiji University	

<外国人研究者からの報告 / Foreign Researcher Report>

①研究課題 / Research Theme
Plant Physiology, Water relation and Volatile aroma in terms of Plant physiology (Basil)
②研究概要 / Outline of Research
Chiang Mai Rajabhat University and Meiji University established a Memorandum of Understanding (MOU) in 2014 resulting in collaboration for academics and educational programs. Professor Dr. Takashi Ikeda and student from the School of Agriculture visited Chiang Mai Rajabhat University on November, 2014 and again after four years later on October, 2018. In 2020, I was granted by Meiji University to visit Japan on "International Scholars and Intellectuals Invitation Project". The visiting was undertaken with the view to broadening the University's international relationships in terms of research and educational activities. The second visiting was conducted on dates October 15, 2022 - October 29, 2022 at Ikuta campus of Meiji University. From our continuously cooperation working on the research, I have got the Matching Fund of Chiang Mai Rajabhat University to do some research of plant physiology at Meiji University. Research Professor Dr. Takashi Ikeda kindly took me around Meiji University. In the greenhouse of Ikuta campus, Meiji University, I got the opportunities to work in the plant factory and the green house with the project of Holy basil and water spinach. The research was focus on the humidity affect to the plant physiological of Thai Herbs and how acidity solution which is related to the type of soil in Thailand effect on the production of water spinach. We determine the ion uptake on the affect to vegetative growth on water spinach.
③招聘期間中の研究活動の実績 / The research results as Guest Professor・Guest Scholar
Teaching It has been a great pleasure for me to spend 74 days in Japan. During this time, I spent time with undergraduate and postgraduate by presenting one lectures and participated in undergraduate and postgraduate student's research. I also spent time with students in the laboratory and sharing some knowledge on Agriculture which is related to the "New Theory Agriculture in Thailand" by His Majesty King Bhumibol Adulyadej (Rama IX), the theory is the key for Thai farmers in the remote areas to achieve the sustainable agriculture in Thailand. This theory develops and distribute to the others developing countries which is based on agriculture as well. For example, I have been working I with this new theory with Bhutan, Lao, Cambodia and Myanmar. I also got an opportunity to attended the laboratory class of Prof. Dr. Ikeda's class and exchange the information and ideas of teaching on agricultural subject. Field trip A special presentation and guideline from visiting the water melon seed's production company at Nara. I got a lot of ideas and knowledge from them. This company is working with master students of Prof. Ikeda who is looking for the plant physiology of water melon in Japan and improve the quality of water melon by breeding technique in Japan. They also kindly provide me to look at their farm and their research laboratory. It was a wonderful trip to seek out how agriculture in Japan development which I have learnt and got a lot of information about water melon production in Japan. In addition, I got an opportunity to observe on the agricultural processing company in Tokyo. It was very interesting and very fruitful techniques for working in the processing of agricultural product after harvest which is related to my research area on postharvest Technology in Thailand. From the field trip, I wish in the future I would like to distribute my knowledge to the students of CMRU also it was a great opportunity to learn a new technology in different countries including exchange some ideas with the expertise. I also had collected many of ideas to create and develop a project research between Professor Ikeda for the future work between Meiji University and Chiang Mai Rajabhat University (CMRU) which hope to improve the agricultural system of Thailand in the near future. Furthermore, we have discussed the next collaborative between Meiji University and CMRU which will locate at Malaysia in October, 2025.

