



JICA-DSP



筑波大学
University of Tsukuba

Graduate School of Life and Environmental Science, University of Tsukuba



JICA Development Studies Program (JICA-DSP)

Various universities, in collaboration with JICA, have established JICA-DSP among the graduate school degree courses they offer. JICA-DSP consists of class subjects pertaining to the development experience of modern Japan (including the experience of Japan's own development and of its cooperation with other countries through ODA). This program offers JICA scholars a chance to deepen their understanding of Japan's development experience in the respective academic fields.

Graduate School of Life and Environmental Science, Master's Program in Agro-Bioresources

The aim of the Master's Program in Agro-Bioresources Science and Technology is to develop capacity and leadership through on-the-job training (OJT). This program is ideal for students who are interested in studying agriculture, food processing, agricultural economics, and applied biochemistry and aim to develop cutting-edge technology to solve the current problems of agricultural research throughout the world.



University of Tsukuba offers the JICA-DSP

<http://www.global.tsukuba.ac.jp/departments/life-and-environmental/prof-trainingagro-research>

JICA-DSP offered by University of Tsukuba



COURSE SUBJECTS

Economics of Food Security and Agricultural Development

- Japan's experience in agricultural development and growth of the food economy

Basic Plant Biotechnology

- Understanding plant biotechnology in various research fields
- History and experience of Japan's growth and development in each research field

Appropriate Use of Genetic Resources

- Appropriate use of plant/animal/microbial genetic resources for sustainable farming systems
- Methodology to explore, preserve, and utilize genetic resources
- Brief history and experiences in the development of related research fields in Japan

Concept of Sustainability Index

- Brief history and experiences in the development of agro-bioresources research
- In-depth discussion of "state-of-the-art" practices of sustainability and Japanese satoyama development practices

Being a student under JICA Development Studies Program in Japan has given me a great opportunity to explore and learn more about the development and modernization of Japan's agriculture. Through my course, Master's Program in Agro-Bioresources Science and Technology at University of Tsukuba, I have been able to acquire invaluable knowledge in research. The course offered a wide range of modules I was interested in, especially in the field of advanced mechanization in agriculture. I am grateful to the dedicated professors and supportive friends who inspired me and guided me in research. I want to apply my experience and knowledge gained in Japan to the agriculture sector in my country, Myanmar, and also contribute towards strengthening the relationship between Myanmar and Japan.

Arkar Minn

**Lecturer, Department of Agricultural Engineering
Yezin Agricultural University
Myanmar**



JICA Development Studies Program (JICA-DSP)

<https://www.jica.go.jp/dsp-chair/english/index.html>