

## Utilizing Indigenous Food Resources for Food Security

<b>Programme</b>	Annual International Training Courses Thai International Cooperation Programme
<b>Course Title</b>	Utilizing Indigenous Food Resources for Food Security
<b>Duration</b>	June, 1 - 28 2015 June, 1 - 28 2016
<b>Closing Date for Application</b>	March 15, 2015 and March 15, 2016
<b>Number of Participants</b>	18-20
<b>Eligible Countries</b>	<b>Asia:</b> Afghanistan, Bangladesh, Georgia, Indonesia, Iran, Jordan, Kyrgyzstan, Malaysia, Maldives, Nepal, Oman, Pakistan, Palestine, Philippines, Sri Lanka, Tajikistan, Timor-Leste, Uzbekistan, Yemen, and Thailand <b>Africa:</b> Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Congo, Djibouti, Egypt, Eritrea, Ethiopia, Gabon, Ghana, Guinea, Lesotho, Libya, Malawi, Mali, Mauritania, Mauritius, Morocco, Namibia, Rwanda, South Sudan, Sudan, Swaziland, Tunisia, Zambia, Zimbabwe <b>Pacific:</b> Cook Island, Fiji, Marshalls Island, Nauru, Palau, Papua New Guinea, Vanuatu, Solomon Island, Tonga, Tuvalu <b>Member Countries;</b> FEALAC, OAS and CARICOM

### Objectives

The course aim to:

- Provide the academic knowledge on indigenous food leading food security
- Provide the opportunity for participants to gain new knowledge and experience from Thai on indigenous food and food security
- Take the participants visit and study on indigenous food farming system and indigenous food processing leading to gain more income and increase food security
- Stimulate participants share experience on the utilizing indigenous food
- Raise awareness of the value and potential of underutilized indigenous food resources, highlight the diversity of foods, cultural practices and health nutritional value.

### Qualifications

Applicant for this course should:

- be nominated by their respective government;
- be university graduated or have an equivalent academic background in agriculture (plant science, agronomy, horticulture, agricultural extension) or related fields; at least 5 years experience on agriculture, extension, rural development, management researcher;
- be under forty-five (45) years of age; have a sufficient command of spoken and written English;
- be in good health both physically and mentally, each participant should have a health certificate provided by an authorized physician.

This form is also attached together with the Nomination Form. Pregnancy is regarded as a disqualifying condition for participation in the course.

### Course Contents

The main components of the programme are:

#### 1. Formal Lectures

Module 1 Introduction of indigenous food and food security

Basic framework of indigenous food for food security will be demonstrated, including identify potential risks to food security and systems approaches to agriculture for food security

Module 2. Collected wild indigenous plants and animals

The course will provide the knowledge on how to collect the indigenous plants and animals from uncultivated land and forest (e.g. leafy plants, roots, berries, and insects) and from aquatic environments (e.g. fish, frogs and snails). The methods of friendly environment issue and suitable for each activity will be raised.

**Module 3. Farmed indigenous plants and animals**

The training course will cover a gardening of indigenous plant species , culture of indigenous fish species in rice field and animal protein sources. Similarly, how to cultivate as other agricultural issues will be presented and learnt in the community.

**Module 4. Traditional processing technologies/techniques:**

The training will demonstrate a wide range of household level, small-scale and semi-industrial processing technologies applied to improve food properties such as fermentation, soaking, germination, drying, smoking to enhance nutritional value.

**Module 5. Adding value to the indigenous and underutilized foods**

The course will provide the knowledge and experience of indigenous food and underutilize food. These foods will be find out potential to marketing and commercialization

**Module 6. Discussion and Evaluation**

**2. Practical Exercises**

Every module consist of lecture and practicum work

**3. Study Trips / Field Trips**

One week field trip will be provided. Participants will visit the research institutes, private business farms, the Royal project in the North east region of Thailand.

**4. Reading Assignment**

The basic knowledge on indigenous food and food security, sufficient economy, new theory of agriculture:

**Institution**

**The course will be conducted by:**

The Faculty of Agriculture

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