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**Crop Journey: Innovation and Food Security**  
**13 July – 2 August 2020**  
**Closing date for application : 1 May 2020**

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**TICA : Thailand International Cooperation Agency**

is a national focal point for Thailand's international development cooperation. TICA was established in 2004 to realize Thailand's aspiration to be a contributor of development cooperation. Believing that global challenges are best addressed by international cooperation and global partnership, today we continue to strengthen our contribution to achieve global development agenda through various capacity-building and human resources development programmes. In response to the recent changes in the global landscape of development cooperation, especially through the concept of South-South and Triangular Cooperation, TICA continues to realign our focuses in order to deliver Thailand's commitment to be a relevant partner in global agendas including the 2030 Agenda for Sustainable Development.

**AITC : Annual International Training Course**

was initiated in 1991 as a framework in providing short-term training for developing partners. Today, the AITC remains one of TICA's flagship programmes. It offers not only a training experience, but also a platform in exchanging ideas and establishing professional network among participants from across the developing world. Aiming at sharing Thailand's best practices and experience to the world, the AITC training courses focus on development topics of our expertise currently categorized under five themes namely; **"Sufficiency Economy Philosophy" or SEP, Food Security, Public Health, Climate Change, and Other topics related to Sustainable Development Goals (SDGs).**

**Faculty of Science, Mahidol University (MUSC).**

MUSC believes in the importance of technology and innovation that affect economy, society and culture, and has the urgent necessity to create educational, academic, training programs and research strength to enhance knowledge and ability for people so they could become important personnel in developing the country. In cooperation with strong institutional partners, MUSC has actively established various training programs in different fields both at national and international levels. This is to support one of our missions in creating the graduate and potential personnel that can bring knowledge in sciences & technology and related areas to increase their keen professional skills, as well as boost up the ability to apply and develop sustainable innovation to become new generation entrepreneur and business owner. MUSC has also the experiences to provide our master programs in science and technology in TICA project on scholarships for Bhutanese's human resource development.

**AITC Theme: Food Security**

This training course falls under the AITC theme – "Food Safety." "Ending Hunger" is very fundamental to global development progress. Through decades-long effort in eliminating hunger and malnutrition, Thailand has successfully reduced the number of hungry and malnourished people by 75% and the figure is still falling. The progress earned Thailand an award from the Food and Agriculture Organization (FAO) for outstanding contributions to global food security, nutrition and sustainable agriculture. The AITC courses under the theme "Food Security" are part of Thailand's commitment to work with the international Community to achieve SDG goal # 2 on Zero Hunger.

## Course Objectives

This training course aims at;

- Introducing upstream, midstream, and downstream sections of value chain of Thai tropical fruits, in both theory and practice.
- Offering real experiences of various activities occurring in value chain of Thai tropical fruits through workshops and site visits.
- Promoting exchanges of knowledge and experiences between participants and other related parties.

At the end of this training course, participants are expected to understand the basic principles of important aspects/sectors throughout the entire value chain of Thai tropical fruits, and are able to apply/integrate newly acquired knowledge to/into their current or future work/task

## Course Methodology

Training methodologies to be used during this training course include;

- Lecture;
- Workshop;
- Group discussion;
- Flipped classroom;
- Field visit and excursion.

## Assignment and Evaluation

- In-class participation.
- Group discussion.
- Advance assignment – “Country Report”, which contains information related to the course, including history, regulations, and problems and proposed solutions
- Project assignment – In the form of concept proposal and presentation about how each participant will use the knowledge and experience acquired during this course in his/her work back in his/her home country.
- End of course examination
- Attendance – Participants are required to attend all activities organized during the course. TICA reserves the right to revoke its fellowship offered or take appropriate action in case a participant is in attendance of less than 90 percent of the training hours.

## Course Outline

This training course consists of 3 modules, focusing on different sectors, *i.e.* upstream (production), midstream (processing), and downstream (marketing) of Thai tropical fruits’ value chain. Topics of training are such as;

- Tropical fruit cultivation
- Smart technology for propagation and production of tropical crops
- Pre- and Postharvest handling of fruits
- Processing and preservation of fruits
- Marketing of fruits and fruit products
- Utilization of waste from fruit production and processing

## Participant Criteria

This training course consists of 3 modules, focusing on different sectors, *i.e.* upstream (production), midstream (processing), and downstream (marketing) of Thai tropical fruits’ value chain. Topics of training are such as;

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Working or have work experiences in the area related to the subject ≥ 3 years

- Fluent in spoken and written English AND
  - For non-native English speaking countries, the English language examination score must be included in the application package
- The minimum English score required for this training course is:

TOEFL IBT	70
TOEFL PBT	525
TOEFL CBT	194
IELTS	6
TOEIC	635

## Application

- Candidate must be nominated/endorsed by their respective governments of the eligible countries/territories as well as Bahrain, Israel, Republic of Korea, Qatar, Russia, and United Arab Emirates by the closing date for application.
- Complete nomination documents must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/Royal Thai Consulate-General accredited to eligible countries/ territories.

(See “List of Eligible Countries” for more information)

## Number of Participants

20 persons

## Training Institution and Venue

- 1) Faculty of Science, Mahidol University,
  - Phayathai Campus, Bangkok
  - Salaya Campus, Nakhon Pathom
- 2) Produce farm and/or processing plant

## Selection and Confirmation

- Particular attention shall be paid to the candidates’ background, their current position, and practical use they expect to make of the knowledge and experience gained from training on the return to their positions.
- Selection of participants is also based on geographical distribution and gender balance.
- Successful applicants will be informed approximately 4 weeks before the beginning of training course.
- Successful applicants must return duly completed and signed acceptance form by the deadline to confirm their participation in the programme.

## Terms of Awards

**For AITC Eligible Countries** - AITC Training Fellowship\* include training fee, return economy-class, airfare, accommodation, allowance, insurance, airport transfer and social programme.

**For Non-AITC-Eligible** - AITC Training Fellowship\* include training fee, accommodation, allowance, insurance, airport transfer and social programme.

\* Subject to rates and conditions established by TICA

## Contact

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For more information on qualifications, application forms, and application procedures, please visit our website at <http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html>

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