

Young Scientist Research Project - Topic 2

Title

Technology for rearing honeybees and breeding the superior lines

① Background Information

- **Personnel:** 1 person, A researcher from one of KAFACI member countries
- **Period of Training:** June 2020 ~ October 2020 (6 months)
- **Implementing Department:** Sericulture and Apiculture Division, Department of Agricultural Biology in National Institute of Agricultural Science
- **Research Studies Currently Being Implemented:**
 - Development of superior lines of honeybee (*Apis mellifera*(Western), *Apis cerana*(Native))
 - Development of eco-friendly technology for major disease and pest control
 - Research for improvement of honeybee rearing management technology

② Course Description

- **(Training Purpose)** Technological support for rearing honeybee and breeding the superior lines
 - * Quantitative goal: technology for breeding the superior lines (2), rearing technology (2), eco-friendly technology for disease and pest control(2)
- **(Professional capacity building)** Capacity building in honeybee breeding and rearing technology
- **(Enhancement of self-learning)** Individual capacity enhancement by assisting in carrying out the research projects
- **(Enhancement of on-the-spot problem solving ability)**
 - Technology learning for seasonal honeybee colony management
 - Technology learning for disease and pest control
 - Technology learning for breeding the superior lines and disseminating the knowledge and its utilization

③ Qualifications of the Trainee

- **(General Requirements)**
 - A government official working in one of KAFACI member countries, and recommended by the head of his/her organization
 - Advanced degree at MSc. (or PhD) level; and at least 5 years of research experience
 - Proficiency in English, and computer applications and operations
- **(Specific Requirements)**
 - A person who has master's (or doctor's) expertise and has research experience
 - * Related majors: Apiculture, Entomology
 - A researcher who is interested in the field of honeybee (*Apis mellifera*(western), *Apis cerana*(native))