Transmitting agricultural information by ICT can contribute to agricultural productivity increase, grasp of market trends, agricultural industry promotion and determination of proper agricultural policy. This training program aims to foster human resources who contribute to agricultural development in home country by learning information processing and transmitting skills and practical cases.

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**Outcome**

1. To be able to explain the current status and benefits of ICT application in agriculture
2. To be able to explain the functions and benefits of agricultural information network system
3. To be able to explain the techniques for collecting, processing and transmitting the agricultural information
4. Based on the above mentioned module output to be able to make a proposal concerning agricultural information use in order to improve agriculture and related fields in home country

**Contents**

Following lectures, observations, practical exercises and discussions are provided.

- Utilization of ICT in agriculture
- Data processing techniques using MS Excel, Macros and VBA
- Database construction techniques using MS Access
- Basic knowledge of computer hardware system, networking and LAN
- Basic Knowledge of information management and security control
- Web-site creation skills and utilization of ICT equipments for transmission of information.
- Practical cases of utilization of ICT in agriculture (private enterprises, research institutes and agricultural organizations)
- Discussion and making activity plan in order to solve the problems facing transmitting agricultural information by ICT can contribute to agricultural productivity increase, grasp of market trends, agricultural industry promotion and determination of proper agricultural policy. This training program aims to foster human resources who contribute to agricultural development in home country by learning information processing and transmitting skills and practical cases.

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