Agriculture Innovation and Technology for Sustainable

CODE: AD014

2023

KNOWLEDGE TREE
INTERNATIONAL INSTITUTE LLC

Agriculture Innovation and Technology for Sustainable Development

AD014

Course Overview

Agricultural innovations are defined as a process by which people or organizations introduce new or existing products, processes, or organizational structures into use for the first time, with the goal of enhancing household food security, ensuring sustainable resource management, and generating employment and reducing poverty.

Innovations and technology in agriculture work to improve efficiency, competitiveness, shock resiliency, or environmental sustainability.

Information, communication, and technology (ICT) present a chance for rural farmers to increase their production because of the dynamic nature of technologies and advances and the significance of agriculture in contributing to rural people livelihoods.

In this session, participants will learn how to leverage ICT in agriculture to boost productivity and improve effectiveness and efficiency throughout the entire agricultural value chain.

Who should attend this course?

Research organizations
Agricultural extension officers
Agricultural Support activities
Non-Governmental organizations

Course Objectives

Upon course completion, participants will be capable of;

- Acquire primary skills in ICT towards agriculture
- Identify current ICT trends in relation to Agriculture
- Recognize how ICT is used in marketing, inventory management, farm productivity, and extension activities.
- Understand the integration of ICT in agricultural business.
- learn about gender-equitable ICT skills development in agriculture, a key factor in rural development.

Course Content

Module 1 : Introduction of ICT in agricultural development

- Increasing the output of fish, livestock, and crops with ICT
- Gender equitable, ICT enable agricultural development
- The effects of mobile technology and services on development and agriculture.

Module 2 : ICTs as agricultural innovation systems' facilitators

- The use of ICT in farmer organizations
- ICT enables the expansion of agriculture

- increasing small-business owners' access to financial services

Module 3 : Using ICT to boost agricultural marketing

- ICT tools for managing agricultural risk
- Applications of ICT to include smaller stakeholders in agribusiness supply chains
- enhancing food safety and traceability and giving small farmers access to ICT

Module 4:

- **ICT for land management and administration**
- **Agriculture inventory management using ICT.**

Course Format

Face-to-Face

Location: Canada/ UK/Dubai/ Singapore

Locate Our Office:

USA - 9905 UNIVERSITY CITY BLVD, #462 CHARLOTTE NC, 28213.

CANADA - 670 HURONTARIO STREET, L5B IP3, MISSISSAUGA, CANADA.

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Schedule and Fees:
$3,950.00 Fees + VAT as applicable
(including coffee breaks and a buffet lunch daily)

Duration: 10 Days

Dates : 19th – 30th June, 2023

18th – 29th September, 2023