



**Topic:** Training of Farmers (Third Phase)

**Location:** Kantipur Engineering College, Lalitpur, Nepal & Acme

Engineering College, Kathmandu, Nepal

**Date:** November 10-13, 2022

**Training Schedule**

**Day 1: November 10, 2022 (Thursday)**

**Venue: Kantipur Engineering College, Dhapakhel, Lalitpur**

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| **Time** | **Programme** | **Remarks** |
| **8:00 AM**  **8:30 – 9:30 AM** | * Registration and Tea * Welcome to Distinguished Personalities * Welcome Trainer and Participants * SUNSpACe Project Overview and Training Highlights * Working and Health Condition Pilot: Nepal * Cattle Pilot: KKU * Organic Pilot: CMU * Quality Pilot : RUB | Ms. Kalpana Karki  Prof. Pradip Kumar Paudyal  Prof. Rameshwar Rijal  Dr. Keshar Prasain  Dr. KritaponSommart  Dr. Paweena Suebsombut  Ms. UgyenYangchen |
| **9:30 – 10:00 AM** | Introduction and Pre-evaluation of Participants | KEC/AEC |
| **10:00 – 11:30 AM** | Agro-Health and Safety :  Food Safety and Traceability (KEC)  Disease, Pest and Fertilizer Management, Food Safety and Traceability | Dr. Keshar Prasain (Presentation 30 mins)  Ms. Ugyen Yangchen  (Presentation= 30 mins)  Peer group interaction = 30 mins) |
| 11:30 – 12:30 PM Lunch | | |
| **12:30- 2:00 PM** | Smart Farming :  Objective  Digital Agriculture, Data Capture, Storage and Transfer | Dr. Ravi Chandra Koirala (Presentation 20 minutes)  Dr. Andras Gabor  (Presentation= 40 minutes)  Peer group interaction = 30 mins  Ms. Kalpana Karki will initiate interaction (30 minutes) |
| **2:00 – 4:30 PM** | Use and practice session of Equipment of Agro-Health Lab for Soil pH, Electric Conductance of Soil, Brix measurement, Soil NPK measurement, Pulp hardness | Susheel Joshi + Anup KC+ Sujin Gwachha+ Krishna Keshav Chaudhary + Nirmal Raj Bhandari + Sekhar Paudel |

**Day 2: November 11, 2022 (Friday)**

**Venue: Acme Engineering College, Sitapaila, Kathmandu**

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| **Time** | **Programme** | **Remarks** |
| **9:00 - 9:30AM** | **Tea/ Coffee** | |
| **9:30 –11:00 AM** | Smart Monitoring, Control and Automation  Robots in Agriculture | Dr. Paweena Suebsombut  (Presentation= 30 mins)  Er. Ananta Adhikari  (Presentation = 30 mins)  Peer group interaction = 30 mins. KEC team will initiate interaction with presentations |
| **11:00-12:00 PM** | Smart Lab and Automated Fish Pond practice session of AEC Smart Lab | Kalpani Karki  Ananta Adhikari  Ramesh  Krishna Keshav Chaudhary |
| 12:00 – 1:00 PM Lunch | | |
| **1:00 – 2:30** | Standardization  Ago Business: Business Modeling | Dr. Sylvain Touchard (Presentation 30 mins)  Dr. Claudine Gay  (Presentation 30 mins)  30 minutes peer group interaction  /Er. Ananta Adhikari will translate |
| Tea Break and Interaction | | |
| **2:45 – 3:30** | Livestock Farming | KKU |

**Day 3: November 12, 2022**

**Farm Visit**

**Day 4: November 13, 2022**

**Venue: Kantipur Engineering College, Dhapakhel, Lalitpur**

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| **Time** | **Programme** | **Remarks** |
| **8:30 AM** | Tea/Coffee |  |
| **9:00 – 10:00 AM** | Fish Farming in Nepal | Dr. Tek Bahadur Gurung, Fish Expert |
| **10:00 – 11:00 AM** | Agro Health : Pesticides and Chemical Fertilizer use in Nepal | Mr. Dinesh Babu Tiwari, Agro Expert |
| **11:00 – 11:45 AM** | Orientation for the use of e-Learning Platform (Put at the end of training one hour) | Mr. Tek Narayan Adhikari / Miss. Kalpana Karki |
| 11:45 - 12:45 PM LUNCH | | |
| **12:45 – 1:30 PM** | Smart Farming: Cultivation Farming Nepal Perspective | Mr. DollrajPandey |
| **1:30 – 2:15 PM** | Post Evaluation and Feedback from the Participants | AEC and KEC |
| **2:15 – 4:00 PM** | Closing and Certificate Distribution |  |