


**CCS HARYANA AGRICULTURAL UNIVERSITY**  
**EXTENSION EDUCATION INSTITUTE**  
**MINISTRY OF AGRICULTURE AND FARMERS' WELFARE**  
**GOVT. OF INDIA**  
**NILOKHERI (KARNAL) HARYANA**

- **TRAINING TITLE: REMOTE SENSING AND GIS APPLICATION IN AGRICULTURE AND ALLIED FIELDS**
- **DURATION: 05 DAYS (JUNE 16-20, 2025)**
- **COURSE COORDINATOR: DR. B. S. GHANGHAS**
- **MOBILE: 9416397814**
- **VENUE: EEI, NILOKHERI (KARNAL)**

TIME	DATE AND TOPIC	RESOURCE PERSON
<b>Day-1: 16/06/2025 (Monday)</b>		
9:00 AM 9:30 AM	Registration & Pretest	Mr. Ankit, EEI
9:30 AM 10:00 AM	Ice Breaking and Inauguration of Training	Regional Director Faculty & Participants
<b>Tea Break</b>		
10:15 AM 11:45 AM	Introduction of GIS and Its Applications	Dr. Kamaldeep Sangwan Faculty, HIRD, Nilokheri
11:45 AM 1:15 PM	Introduction of Remote Sensing and its applications	Dr. Kamaldeep Sangwan Faculty, HIRD, Nilokheri
1:30 PM 2:30 PM	Interpersonal Relationship Skills	Dr. Styakam Malik Faculty, EEI, Nilokheri
<b>Day-2: 17/06/2025 (Tuesday)</b>		
8:30 AM 9:00 AM	Recall Session	Dr. B. S. Ghanghas Faculty, EEI, Nilokheri
9:00 AM 10:30 AM	Artificial Intelligence and Agriculture: The future of Indian Farming	Dr. A K Sharma Principal Scientist, NDRI
<b>Tea Break</b>		
10:45 AM 12:15 AM	Video Production Techniques for Effective Success Stories of Modern Technologies	Dr. Ajay Kumar Faculty, EEI, Nilokheri
12:25 AM 2:00 PM	Use of Colours in Effective Presentation of Recent Technologies	Dr. A. K. Rohila Faculty, EEI, Nilokheri
<b>Day-3: 18/06/2026 (Wednesday)</b>		
8:30 AM 9:00 AM	Recall Session	Dr. B. S. Ghanghas Faculty, EEI, Nilokheri
9:00 AM 10:30 AM	Advance Information and Communication Technologies for Agricultural Extension	Dr. B. S. Ghanghas Faculty, EEI, Nilokheri
<b>Tea Break</b>		
10:45 AM 12:15 PM	Satellite and Drone Application in Land Resources	Dr. Chander Shekhar Director and HoTC, Geo- Spatial

		Centre, Hisar
12:30 PM 2:00 PM	Geospatial Approaches to Crop Forecasting- Remote Sensing for Agricultural intelligence	Dr. Chander Shekhar Director and HoTC, Geo- Spatial Centre, Hisar
<b>Lunch Break</b>		
3:00PM 8:30 PM	Exposure Visit to Kurukshetra.	Course coordinators
<b>Day-4: 19/06/2025 (Thursday)</b>		
8:00 AM 9:00 AM	Recall Session	Dr. B. S. Ghanghas Faculty, EEI, Nilokheri
9:00 AM 10:30 AM	Agricultural Drone Use: Demonstration at CSSRI	Dr. Raj Kumar Jaglan Senior Scientist, CSSRI, Karnal
<b>Tea Break</b>		
10:45AM 12:15 PM	Real Time Monitoring of Sugarcane Growth Using Thermal Remote Sensing and GIS at CSSRI	Dr. Devender Singh Bundela Principal Scientist, CCSRI, Karnal
12:45 PM 2:30 PM	Introduction and applications of GPS	Dr. Kamaldeep Sangwan Faculty, HIRD, Nilokheri
<b>Lunch Break</b>		
3:00 PM 6:30 PM	Exposure Visit to Ladwa: Centre of Excellence on Subtropical Horticulture followed by lecture on Advances in cultivation of subtropical fruits	Dr. Shivendu Pratap Singh SMS, Horticulture, Ladwa: Centre of Excellence on Subtropical HorticultureFarmer
<b>Day-5: 20/06/2025 (Friday)</b>		
8:30 AM 9:00 AM	Recall Session	Dr. B. S. Ghanghas Faculty, EEI, Nilokheri
09:00 AM 10:00 AM	Hands on editing of Videos	Dr. Ajay Kumar Faculty, EEI, Nilokheri
10:00 AM 11:30 AM	Farmer Field School: An Extension Approach for Promotion of Agroecological Farming	Dr. B. S. Ghanghas Faculty, EEI, Nilokheri
<b>Tea Break</b>		
11:45AM 1:00 PM	Naturopathy for Creativity of Extension Professionals	Dr. Sanjay Kumar Regional Director, EEI, Nilokheri
<b>Lunch Break</b>		
2:00 PM 3:00 PM	Post Evaluation of Training Programme	Course Coordinators Faculty, EEI, Nilokheri
3:00 PM 4: 00 PM	Valedictory Function and Feedback	Regional Director, Course Coordinator & Participants

  
 24/06/2025