# ICAR-Indian Institute of Soil and Water Conservation

## Research Farm, Selaqui, Dehradun (Uttarakhand)

# FIELD TRAINING ON SOIL AND WATER CONSERVATION AND AGRICULTURE PRODUCTION

**Duration: 25th Apr. to 07th May, 2022 (Two weeks)**

**Field Tutorials: 2.00 to 4.30 PM (Except Sundays & Holidays)**

## Course Director

**Dr A.C. Rathore**
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## Course Coordinator

**Dr Sadikul Islam**
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## Co-Coordinators

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## Programme organisers

**Dr. M. Sankar**
Sr. Scientist/OIC farm
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**Sh. Rakesh Kumar**
CTO/FS
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## Essential requirements

1.**Eligibility: B.Sc/M.Sc /(Agri/Horti/Forestry/ allied branches) students**

2.**Course fee:** Rs 2500/-per student (non-refundable)

3. **Minimum attendance in the training:** 80%

**Pay and Apply Here Soon or Scan the QR Code; Limited 100 Seats Only: Registrations Closes at 11.00 AM on 22th April, 2022**

**Registration Link**
https://forms.gle/WXTHwmDxsdhowCgSA

**Course Guidance**
**Dr M. Madhu Director ICAR-IISWC, Dehradun**

## Course Details:

The training provides rare opportunity to interact with subject-specific expert scientists on basics and advanced technologies of Soil and Water Conservation (SWC) and Natural Resource Management (NRM).

The course draws inputs from various disciplines of NRM including SWC engineering, watershed hydrology, conservation agronomy, agro-forestry and hor t iculture, l ivelihood avenues of watershed-based livestock and fisheries sectors and agro-meteorological modules.

The modules are designed to gain knowledge and skills on analysis of various soil-water properties/ components, runoff and soil loss measurement, understanding rainwater harvesting, recycling and water use efficiency, components of Integrated Nutrient Management (INM), agro-forestry systems, influence of forest resources versus conser vation practises, agronomic measures, vermi-composting, Hi-Tech propagation of fruit plants and bamboo species, orchard management of different fruit plants, distillation of different aromatic grasses and value addition, use of modern farm implements in soil conservation, attributes of fisheries in watershed development, meteorological observation, and associated instruments used and measurements/data collection.

The trainees would be exposed to various farming and field-based conservation models and systems besides various field instrument techniques stand and protocols/ procedures followed in soil-water sampling, runoff-soil loss measurements, crop-tree cover measurements, SWC measures implemented, and techniques of quantifying impacts of resource conservation interventions/ technologies on resource conservation, soil structure, land degradation, fertility, crop productivity, farm waste recycling/management etc.