

## Field Training on Soil and Water Conservation and Agriculture Production

### Duration

5<sup>th</sup> June to 16<sup>th</sup>  
June, 2023  
Field Tutorials  
2.00 to 4.30 PM  
(Except Sundays)

### Course Director:

Dr. Lekh Chand  
(Pr. Scientist)  
Ph. 875308844

### Course Coordinator:

Dr. Anupam Barh  
(Scientist)  
Ph. 945835664

### Co-Coordinators:

Sh. J. S. Deshwal (ACTO)  
Ph. 7983888828  
Sh. Mudit Mishra (TA)  
Ph. 9044844582

### Programme organiser:

Dr. M. Sankar, OIC  
(Farm),  
Ph. 9997514793

### Course Guidance:

Dr. M. Madhu Director  
ICAR-IISWC, Dehradun



[Pay and Apply here](#)

or

Scan the QR code:



100 seats only,  
Registration close at 4<sup>th</sup>  
June 2023.

### □ Course Details :

- The training provides rare opportunity to interact with subject-specific expert scientists on the 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 agriculture livelihood avenues of watershed based livestock and fisheries sectors, agro-meteorology and Drone survey and monitoring.
- The modules are designed to gain knowledge and skills on analysis of various soil-water components, run-off and soil loss estimation, understanding integrated nutrient management, vermi-composting, Hi-tech propagation of fruit plants and bamboo species, orchard management of different fruit plants, distillation of aromatic grasses for oil and value addition.  
Application of drone in survey and crop monitoring, use of modern tools in soil conservation and attributes of fisheries in watershed development.
- The trainees would be exposed to various farming and field-based conservation models and systems besides various field instruments techniques and procedures followed in soil-water sampling, run-off-soil loss analysis, crop-tree cover measurements, SWC measures implemented, and impact assessment, soil structure, land degradation, fertility, crop productivity, arial inspection of crop and plants through drone, farm waste recycling/management, etc.

### Essential requirements

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

students

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