



ICAR-Indian Institute of Soil and Water Conservation

3rd Batch Field training on soil and water conservation and agriculture production (Two weeks: 25.04.22 to 07.05.22)

For B.Sc. /M.Sc.

(Agri/Horti. /Forestry and allied courses) students at Research Farm, Selaqui, Dehradun



Training schedule

S. No	Days	Date & Time	Detail of training programme	Faculty
1	Day-1	25-04-2022 (2-4:30 pm)	Inauguration of training programme Introduction and overall farm visit to all sections, and experiments and demonstration block.	Dr Devideen Yadav, Scientist (Agronomy), & Sh.Ravi Shankar (T1) & Sh.Dharpal (T-1)
2	Day- 2	26-05-2022 (2-4.30 pm)	Horticulture nursery: Different propagation technique of fruit plants and overall nursery management (theory) Preparation of compost from biodegradable wastes and vermi-composting and its application in field (theory). Demonstration of steps involved in compost preparation.	Dr A.C. Rathore Pr. Scientist (Horticulture) Dr Lekh Chand, Pr. Scientist (Agronomy)
3	Day-3	27-05-2022 (2-4:30 pm)	Horticulture nursery: Propagation technique of fruit plants -Practical (Group A) Farm machinery unit: Implements use and demonstration -Practical (Group B) Compost unit: Compost preparation technique – Practical (Group C)	Dr A.C. Rathore Pr. Scientist (Horticulture) Mr Mudit Mishra (T-3), Sh.Chatar Singh (T-5) Sh. Prakash Singh (T-5) Dr Lekh Chand, Pr. Scientist (Agronomy) Sh. Shashank Kandwal (T-3)& & Sh.Sonu (T1)
4	Day-4	28-05-2022 (2-4.30 pm)	Horticulture nursery: Propagation technique of fruit plants -Practical (Group B) Farm machinery unit: Implements use and demonstration -Practical (Group C) Compost unit: Compost preparation technique – Practical (Group A)	Mr Mudit Mishra (T-3), Sh.Chatar Singh (T-5) Sh. Prakash Singh (T-5) Sh. Shashank Kandwal (T-3)& & Sh.Sonu (T1)
5	Day-5	29-05-2022 (2-4.30 pm)	Horticulture nursery: Propagation technique of fruit plants -Practical (Group C) Farm machinery unit: Implements use and demonstration -Practical (Group A) Compost unit: Compost preparation technique – Practical (Group B)	Mr Mudit Mishra (T-3), Sh.Chatar Singh (T-5) Sh. Prakash Singh (T-5) Sh. Shashank Kandwal (T-3)& & Sh.Sonu (T1)
6	Day-6	30-05-2022 (2-4:30 pm)	Distillation unit: Demonstration of oil extraction -theory Bamboo nursery: Propagation technique demonstration – theory Forestry: Identification of different forest spp. and importance of forest resource and conservation (Forest visit and discussion)	Dr J.M.S. Tomar, Pr. Scientist (Forestry) Dr Rajesh Kaushal, Pr. Scientist (Forestry) Dr J. Jayaprakash (Sr Scientist) (Forestry). Sh Inder Singh (T-2).
7		01-05-2022	Sunday	
8	Day-7	02-05-2022 (2-4:30 pm)	Distillation unit: Demonstration of oil extraction -Practical (Group A) Bamboo nursery: Propagation technique demonstration – Practical (Group B) Meteorological observatory: Data collection and Processing -theory & Practical (Group C)	Mr Ravish Singh (T-3) , Dr Tarun Kumar (YP-II) & Sh Avnindra Singh (YP-II) Mr Amit Kumar (T-1)
9		03-05-2022	Holiday	
10	Day-8	04-05-2022 (2-4:30 pm)	Distillation unit: Demonstration of oil extraction -Practical (Group B) Bamboo nursery: Propagation technique demonstration – Practical (Group C) Meteorological observatory: Data collection and Processing -theory & Practical (Group A)	Mr Ravish Singh (T-3) , Dr Tarun Kumar (YP-II) & Sh Avnindra Singh (YP-II) Mr Amit Kumar (T-1)
11	Day-9	05-05-2022 (2-4:30 pm)	Distillation unit: Demonstration of oil extraction -Practical (Group C) Bamboo nursery: Propagation technique demonstration – Practical (Group A) Meteorological observatory: Data collection and Processing -theory & Practical (Group B)	Mr Ravish Singh (T-3) , Dr Tarun Kumar (YP-II) & Sh Avnindra Singh (YP-II) Mr Amit Kumar (T-1)

12	Day-10	06.05.2022 (2-4:30 pm)	Fish culture, water quality and wetland management: Theory and field demonstration of fish rearing methods and visit of fish ponds/farms Soil and water sampling: Soil sampling importance (theory) and demonstration of soil sampling procedure and processing for different analysis. Demonstration of runoff collection and soil loss estimation, CO ₂ measurement (practical), watershed approach SWC, Rain water harvesting -roof top	Dr M. Muruganandam, Pr. Scientist (Fisheries) Sh. Rakesh Kumar CTO Dr M. Sankar Sr Scientist, (Soils) Sh. J.S. Deshwal (STO) Dr Sridhar Patra Sr. Scientist (SWC) Sh.U.C.Tiwari (T-5)
13	Day-11	07-05-2022 (2-4:30 pm)	Final evaluation & feedback session. valedictory function	Dr. Sadikul Islam (Sci), Sh. Suresh Kumar (CTO) & Mudit Mishra

Course Director – Dr A.C.Rathore, Pr. Scientist

Co-ordinator - Dr Sadikul Islam, Scientist

Co-Coordinator: Sh. Prakash Singh (TO), Sh. Mudit Mishra (TA) and Sh. Dharpal Yadav (Technician)

Over all Programme Organiser:

Dr M.Sankar, Officer In-charge (R. Farm)

Sh.Rakesh Kumar, Farm Superintendent

Fees: Rs 2500/- per student (As per HRD rates)

Total Seats: 100

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(M. Sankar)
Sr. Scientist & OIC (Farm)