Report of Training on

"Advances in Seed and Nursery Technology" Sponsored by MoEF & CC, New Delhi for other stakeholders at ICFRE-Forest Research Institute, Dehradun

from 24th to 26th Sept 2024

The Silviculture and Forest Management Division of ICFRE-FRI, Dehradun had organized a three-day training program on "Advances in Seed and Nursery Technology" sponsored by the Ministry of Environment, Forest and Climate Change (MoEF&CC) under "Forestry Training and Capacity Building" scheme for other stakeholders from September 24th to 26th, 2024. 25 participants attended the training programme.

The inaugural session of the training program commenced with a warm welcome extended by Ms. Richa Misra, IFS, Head, Silviculture and Forest Management Division, FRI, to the Chief Guest, Dr. Renu Singh, IFS, Director, ICFRE-FRI. Ms. Misra presented Dr. Singh with a bouquet and also acknowledged the presence of other distinguished guests.

Ms. Misra spoke about the program's scope and FRI's research activities, showcasing the institute's commitment to excellence in forestry research and sustainable forest management". She urged the participants to actively participate in the training program.

The training program on 'Advances in Seed and Nursery Technology' was formally inaugurated by Dr. Renu Singh, Director, ICFRE-Forest Research Institute (FRI). In her inaugural address, Dr. Singh interacted with the participants, soliciting their expectations from the training. She then provided an insightful overview of the program's objectives and spoke about on the latest advancements in seed and nursery technology being undertaken by the institute.

Dr. Singh emphasized the significance of this technology in promoting sustainable forestry practices, agroforestry, enhancing tree quality, and ensuring effective reforestation. She encouraged participants to actively participate in the training, fostering a collaborative learning environment. She also stated that the participants should utilize the knowledge gained during the course of the training to start their own venture and benefit financially.

After inauguration, during technical sessions lectures were delivered by various resource persons on 24th, 25th and 26th Sept 2024. Dr. Devendra Kumar, Scientist E delivered presentation on Quality seed collection, extraction, processing and pre- treatments of nursery seeds and Seed and seedlings quality evaluation of forestry trees, Dr. Vinod K. Kairon, Scientist C on Quality seedlings production and Economics of Nursery Development Record Management, Dr. Manisha Thapliyal Scientist G & OIC, FTSL delivered talks on Basics of Nursery and its Management and Infrastructure of modern Nursery, potting mixture and containers for flowering and avenue trees seedlings, Dr.

Arvind Kumar, Scientist F spoke about on Nursery insects pests and their management, Dr. Shailesh Pandey, Scientist E on Nursery diseases and their management, Dr. B.P. Tamta, Scientist F on propagation of important medicinal plants in nursery, Dr. Vipin Parkas, Scientist F on Application of VAM to grow quality seedlings in nursery and Dr. G. Balaganesh on Nursery Management, Marketing and Economics for smallholder farmers and Nursery Operators.

Participants visited Kukreti Nursery, Doctor Ganj, Vikasnagar. In the nursery Mr. Ashok Kukreti showed seedlings of Pine, Bamboo, Citrus species, Guava, Swietenia, Anola and flowering plants like Rose prepared by grafting, and grafted Mango. He explained economics of establishing a nursery alongwith its nittygritties. After this they also visited KVK, Dhakrani, Vikasnagar where Professor Dr. A.K. Sharma, OIC, KVK interacted with participants and spoke about KVK technologies and various plantations grown in the campus. Professor Dr. A. K. Singh also briefed about fodder trees, its protein content, and livestock feeding.

The training concluded on 26th September 2024. Feedback about training was taken from participants. It was observed the most of the participants were fully satisfied and confident of applying field technologies learnt here. Certificates of participation were distributed by Director, FRI to all the participants. In addition, the participants were also provided packets of Vesicular Arbuscular Mycorrhiza (VAM) developed by FRI whose application had been discussed during the course of the training.

After this, Dr. Manisha Thapliyal, Scientist G and OIC, FTSL, S&FM delivered vote of thanks. Dr. Devendra Kumar, Programme Coordinator, formally announced the successful closure of the training program. He also expressed his gratitude to the participants, resource persons, and organizing team for their active participation and invaluable contributions, which made the training a resounding success.

The programme was coordinated by Dr. Devendra Kumar, Scientist-E. Mr. Vikas Shishodhiya, Technician, Mr. Tarun Malik, Technician, Ms. Deepika, Technical Assistant and other staff of FTSL, S&FM also contributed to make the programme successful.

Some glimpses of the training programme:









A- Group photograph
B to D – Inaugural session

Training Photos

E to M – Classroom sessions

N to O- Nursery visit





Field Visit in Kukreti Nursery on $25^{\rm th}$ September, 2024 during the Training



























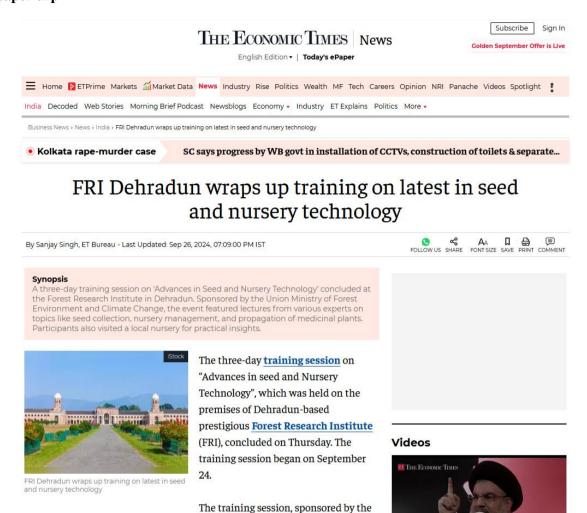












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