



Indian Council of Agricultural Research

Sponsored

Winter School

on

Multifunctional Agroforestry Systems for Enhancing Crop Diversification, Nutritional Security, Ecosystem Services, and Sustainable Livelihood



19
February to
11
March
2026

21
Days



Course Directors:

Dr. Ayyanadar Arunachalam

Dr. Asha Ram

Course Coordinators:

Dr. Ashok Yadav

Dr. Hirdayesh Anuragi

Dr. Naresh Kumar

Dr. A.K. Handa

Organizer



Correspondence :

winterschool.cafri@gmail.com

ICAR-Central Agroforestry Research Institute
Jhansi-284003, Uttar Pradesh



About ICAR-CAFRI, Jhansi

ICAR–Central Agroforestry Research Institute (CAFRI), Jhansi, established on 8th May, 1988, is India's leading center for agroforestry research, innovation, and capacity building. The institute prioritizes climate-resilient farming, sustainable land-use systems, biodiversity enhancement, and improved farmer livelihoods. With advanced laboratories, research farms, high-tech nurseries, expert scientific teams, and strong national and international partnerships, CAFRI drives science-based agroforestry solutions for sustainable agriculture, ecosystem restoration, and long-term environmental security.

About Winter School

This 21 days Winter School aims to build the skills of researchers and professionals in climate-resilient and sustainable agroforestry practices. The programme covers key themes including multifunctional agroforestry concepts, climate-smart farming models, carbon sequestration, biodiversity conservation, digital tools, and value-chain and livelihood enhancement across diverse agro-climatic regions. The training combines expert lectures with hands-on practical sessions, demonstrations, and field learning. Visits will also be conducted to the institute's watershed sites, farmers' fields, nearby ICAR institutions, and universities for enhanced exposure and experiential learning. Overall, the Winter School equips participants with both conceptual understanding and practical competencies to scale agroforestry-based solutions for resilient agriculture, enhanced ecosystem services, and sustainable rural development.

Major Thematic Areas

- Multifunctional agroforestry systems
- Ecosystem services in agroforestry
- Carbon farming in agroforestry
- Grasslands and agroforestry synergies
- Restoration of degraded lands and wasteland reclamation through multifunctional agroforestry systems
- Agroforestry-based NRM Interventions
- Breeding approaches for tree improvement
- Agroforestry for improved soil quality index
- Conservation agroforestry and regenerative agriculture
- Hyper-spectral imaging for mapping of trees in agroforestry
- NTFP-based agroforestry systems for livelihood security in semi-arid regions
- Agroforestry-based Entrepreneurship – Opportunities, Challenges, and Way Forward
- Industrial Agroforestry – Opportunities, Challenges, and Future Prospects

- Ecological niche modeling in agroforestry
- Experimental design, data analysis, and digital tools in agroforestry research
- Tools and techniques for measuring carbon sequestration, & ecosystem services

Eligibility

The Winter School is open for participants working at the rank of Assistant Professor/Scientist/SMS or above in the National Agricultural Research System (NARS), with a minimum qualification of M.Sc./M.Tech. degree from any recognized university in all the relevant disciplines of agriculture. A maximum of 25 participants will be selected for the course by a screening committee as per ICAR guidelines. The decision of the selection committee will be final, and no correspondence in this regard will be entertained.

No. of Participants

A maximum of 25 participants will be selected for the course by a screening committee as per ICAR guidelines.

Travel, Boarding and Lodging

Boarding and shared accommodation/AC dormitory will be provided to the participants. The participants will be paid for the journey, to and fro by the shortest route restricted train journey up to 3rd AC. The local candidates are not eligible for boarding and lodging; however, they will be provided hospitality (working lunch and refreshments). Participants are requested not to bring their spouse or any family members, as there is no scope for their accommodation.

How to Apply?

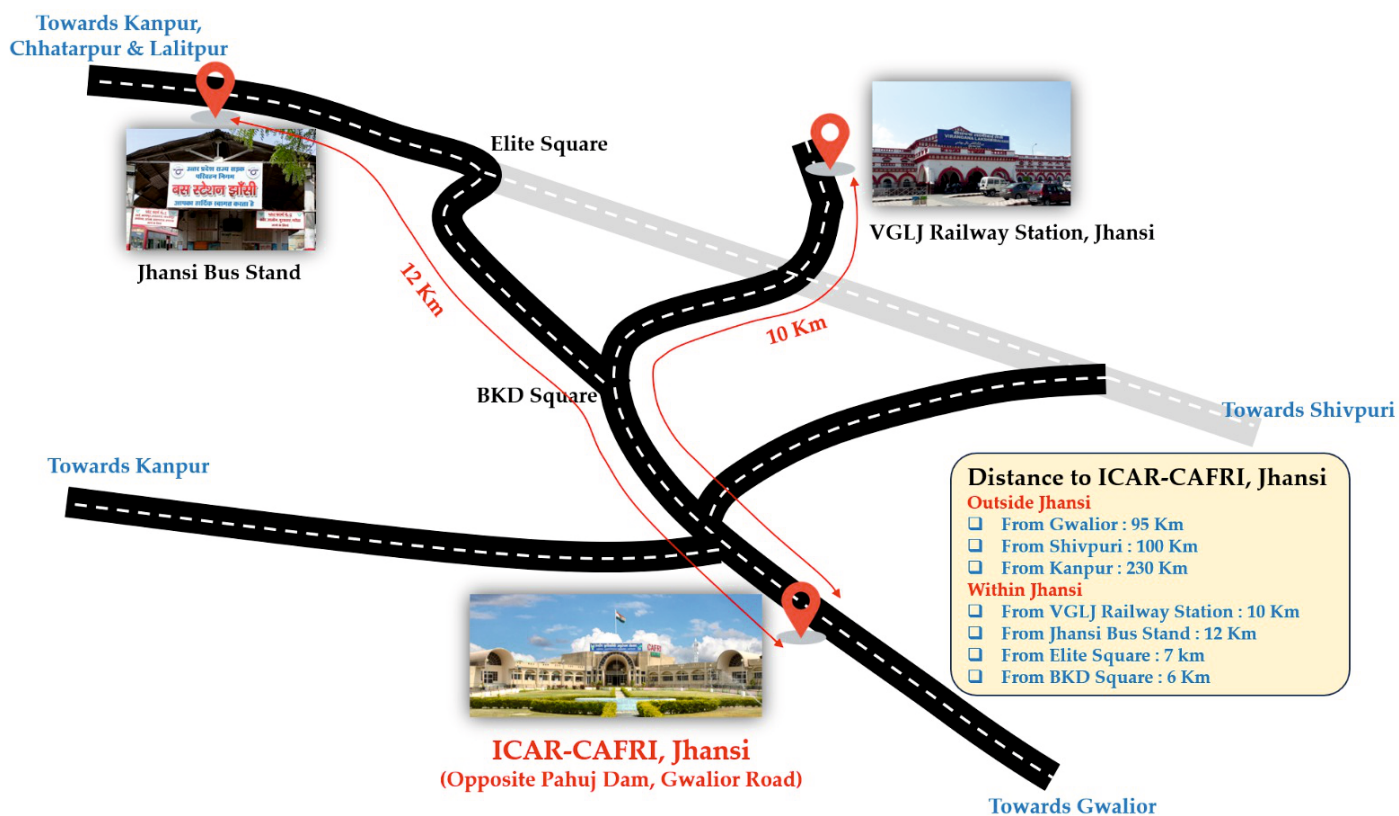
Applications are invited through the proper channel and should be sent to the Course Director at winterschool.cafri@gmail.com. The last date for submission of applications is 15th January 2026. Candidates must submit their applications in the prescribed format.

How to Reach CAFRI?

ICAR-CAFRI, Jhansi, is well connected to major cities across the country through an extensive rail network. The institute is located approximately 10 km from Jhansi Railway Station and 11 km from the main Bus Stand, along the Jhansi-Gwalior highway. During the Winter School period, Jhansi experiences moderately cool weather with temperatures ranging from 15°C to 27°C. Participants are advised to carry suitable winter clothing.

Important Dates

- **Date of notification** : 05th December, 2025
- **Last date for receipt of application forms** : 15th January, 2026
- **Communication to the selected participants** : 20th January, 2026
- **Schedule of Winter School** : 19th February to 11th March, 2026



Note:

Mail the duly filled application form to winterschool.cafri@gmail.com

All correspondence may be made to:

Dr. Asha Ram

Mobile no. +91-9454682235, Email: winterschool.cafri@gmail.com

For any query, please contact to:

Dr. Ashok Yadav - 7042360966

Dr. Hirdayesh Anuragi - 8168650378

Dr. Naresh Kumar - 8219607225



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APPLICATION FORM

Recent Passport
Photograph

1.	Name (in block letters)	:			
2.	Designation	:			
3.	Date of Birth (DD/MM/YYYY)	:			
4.	Gender	:			
5.	Affiliation with Address	:			
6.	Mobile Number (WhatsApp)	:			
7.	Email ID	:			
8.	Permanent Address	:			
9.	Academic Record	:			
Degree	Subject	Year	Percentage	University/Institute	
Ph.D.					
PG					
Graduation					

10. Teaching/Research/Extension experiences (post held during the last 5 years):

S.No.	Post held	Affiliation	From	To

11. Summer/Winter school/training attended during the last 3 years:

S.No.	Name of training	Organizer	Duration

12. Relevance of training to present academic and research activities:

(Signature of the applicant)

CERTIFICATE

It is certified that the above furnished information is correct to best of my knowledge and as per the office record.

(Name & Signature of the competent authority with seal)