

Background

Doubling the farmer's income is one of avowed objective of government as well as research & development organizations considering the mounting agrarian distress in the country. Though technological interventions have helped farmers in securing significantly higher productivity, realization of desirable income gain remains a major challenge. Twin strategies by adopting diversification with high value horticultural crops and reducing cost of production through INM, IPM, post harvest and value addition may not only help in doubling farmer's income but also check degradation of natural resources in the semi-arid regions of the country. Seed Spices and horticultural crops are major income generating cash crops. Challenge is to enhance productivity by increasing the factor productivity of all the horticultural production inputs, and at the same time sustaining it by adoption of better management practices and precision farming principles. Due to pandemic situation, the major source of immunity is being searched in spices and other horticulture crops, this increasing the resource generation in India. Crop diversification with low volume, high value crops, off season cultivation, value addition, processing, nursery raising, protected cultivation, precision farming etc. are some of the technological interventions helps in doubling farmer's income.

Hence, situation specific modern technologies should be identified/ developed, refined/ validated and popularized. Updating of knowledge and skills of scientists, teachers and extension workers in this area is very essential for transferring the technological developments to the end users. Therefore this winter school will go a long way in addressing these important aspects through diversification including horticultural and seed spices crops.

Course contents

Horticulture crops scope, importance and challenges, crop diversification with horticultural and other crops, farming system, Multitier crops and cropping system quality planting material production. Molecular approaches, good agricultural practices. off-season cultivation,

organic production, nano-formulations and micro-emulsions for enhancing potential of biopesticides, Importance of post harvest management and value addition, role of honeybee, nursery raising, precision farming, protected cultivation and mechanization, codex alimentarius on export and import, plant growth promoting rhizobacteria, Integrated pest and disease management etc.

Eligibility for participation

Participation is invited from those working in the ICAR Institutes/State AUs/CAU/KVKs Agricultural faculty of AMU, BHU, Vishwa Bharti and Nagaland University in the cadre of Assistant Professors or equivalent and above in the area of Agricultural Sciences with specialization in Agronomy/ Horticulture/ Soil Science/ Microbiology/ Environmental Science/ Plant Pathology/ Agricultural Entomology/ Post Harvest Technology/Food Technology/ Agricultural Extension/ Agroforestry/ Agricultural Engineering/ Home Science/ Agricultural Economics/ Plant Breeding and Genetics and other relevant subjects in the field of agriculture.

Maximum number of participants: 25

Important instructions

The interested candidates should register and apply online through 'Capacity Building Programme' (CBP) portal as follows:

1. Visit the website <http://www.iasri.res.in/cbp/>
2. Login using your user ID and Password. To create user ID use "Create New Account" link.
3. After login, click on "Participate in Training" link and fill the Performa.

Take a printout and send duly signed copy through proper channel to the Course Director by post along with registration fee.

Note: The participants are required to pay the sum of Rs 50/- as registration fee (non-refundable) along with the application form in the form of Indian Postal Order/ Demand Draft in favour of Director, NRCSS, Ajmer, Rajasthan.

Payment may be also made through online (NEFT/RTGS) in the account of Director, NRCSS, Ajmer, A/c No. 10147145026. IFSC Code: SBIN0001379

Host institute and location

The ICAR-National Research Centre on Seed Spices is a premier institute of Indian Council of Agricultural Research working on R&D of seed spices since year 2000. The mandate of the Institute is to carry out basic, applied and strategic research to enhance production, productivity and quality of seed spices with special reference to export and domestic use. The NRCSS is located on

the Ajmer-Beawar Road, 13 km away from Ajmer Railway Station. The Ajmer city is well connected by road and rail to Ahmadabad, Jaipur and Delhi. Ajmer is surrounded by the Aravalli Mountains. It is a pilgrimage centre for an ancient Hindu pilgrimage city, famous for the holy Pushkar and only temple of Lord Brahma and the shrines of Sufi Saint Khwaja Moinuddin Chishti (Dargah), Ajmer

Important dates

Last date for receipt of application	:	10 December, 2021
Intimation of selection	:	15 December, 2021
Confirmation of participation by candidates	:	20 December, 2021
Commencement of training programme	:	11 January, 2022 (Tuesday)

NOTE: Once selected, candidates will be intimated through email to which they should promptly reply with firm acceptance and travel plan.

Travel and Accommodation

The expenditure on travel by all selected participants from SAUs, ICAR institutes and other organizations will be paid as per their entitlement for the class of travel, restricted to the maximum of AC II Tier fare by the shortest route. Participants are required to produce the original and photocopies of tickets in support of their claim. Lodging and boarding arrangements for selected participants shall be made free of cost in the guest house of ICAR-NRCSS, Ajmer, Rajasthan as per the ICAR norms.

Note: Reimbursement of airfare will not be done under any circumstances.



Core organizing committee

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**All correspondence should be made to organizing committee*

Application form

ICAR- Winter School on Crop diversification with low volume high value seed spices and horticultural crops for doubling farmer's income

(11-31 January, 2022)

1. Full name (in BLOCK letters):
2. Designation:
3. Present employer and address:
4. Address to which reply should be sent (in BLOCK Letters)
5. Mobile No.: E-mail:
6. Permanent address:
7. Date of Birth
8. Sex: Male/Female
9. Teaching/research/ professional experience (mention post held during last 5 years and number of publication with details).
10. Marital status: Married/Unmarried:
11. Mention if you've participated in any seminar/summer/winter school/short course etc. during the previous years under ICAR/other organizations
12. DD No. Dated of Rs. 50/- (NON REFUNDABLE) for registration of application (in favour of Director, NRCSS, Ajmer, Rajasthan). Payment may be also made through online (NEFT/RTGS) in the account of Director, NRCSS, Ajmer, A/c No. 10147145026. IFSC Code: SBIN0001379
13. Academic record: (Degree onwards)

Examination passed	Subject	Year	Division	University
Bachelor				
Master				
Doctorate				
Post-doc.				

Signature of applicant with date and place

14. Recommendation and certificate of sponsoring Institute

Signature with date, designation & address
(office seal)