



ICAR Sponsored
Winter School



on

Natural Farming - Agroecological Approaches under Rainfed Production System

December 08 to 28, 2022

1. Full Name (in Block letters) : _____
2. Designation : _____
3. Present employer address : _____
4. Address to which reply should be sent (along with mobile, telephone and email) : _____
5. Permanent address : _____
6. Date of birth : _____
7. Sex : Male/Female
8. Teaching / Research / Professional Experience (mention posts held during last 5 years and no. of publications) : _____
9. Marital status : Married/Unmarried
10. Mention if you have participated in any Research Seminar, Summer/Winter School/Short Course, etc. during the previous years under ICAR/Other Organizations : _____
11. DD/Postal Order No. _____
12. Academic record:

Degree	Discipline	Year	University
Ph.D			
Master			
Bachelor			

Date : _____
Place : _____

Signature of applicant

13. Recommendation of forwarding authority : _____
It is certified that information furnished by the candidate has been verified and found correct.

Signature of Authority with Seal

JAIPUR AT A GLANCE

No trip to India is complete without spending time in Jaipur. Affectionately nicknamed "The Pink City" for the blushing colour of its historic buildings, Jaipur is a princely wonderland of culture and heritage, brimming with architectural gems. It's also a preeminent stop in India's famous Golden Triangle, a popular tourist circuit. Prepare to be captivated by the grandeur of Jaipur, the capital of Rajasthan. City Palace gives you a taste of the lavish lifestyle afforded to the royal family of Jaipur. Just next door, the astronomical instruments at the Jantar Mantar observatory bring the mysteries of space down to Earth. And depending on the time of your visit, many festivals that fill Jaipur's annual calendar, like the International Kite Festival in January or Elephant Festival in early spring.

IMPORTANT DATES

Last date for receipt of application : 20th November, 2022
Intimation of selection of participants : 25th November, 2022
Last date for confirmation from participants : 28th November, 2022

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO

Dr. L.R. Yadav

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PATRON

Dr. Balraj Singh
Hon'ble Vice-Chancellor
SKNAU, Jobner

Dr. A.K. Gupta
Dean and Faculty Chairman
SKNAU, Jobner

Dr. B.L. Kakralya
Director, HRD
SKNAU, Jobner

Course Director

Dr. L.R. Yadav
Prof. & Head, Department of Agronomy

Course Coordinators

Dr. S.S. Yadav, Professor (Agronomy)
Dr. D.K. Jajoria, Associate Professor (Agronomy)
Dr. S.K. Dadhich, Associate Professor & Head (Soil Science)
Dr. B.L. Dudwal, Assistant Professor (Agronomy)

Department of Agronomy
SKN College of Agriculture
SRI KARAN NARENDRA AGRICULTURE UNIVERSITY
Jobner, Dist.- Jaipur (Rajasthan) - 303 329

PREAMBLE

The world's population is predicted to expand to approximately 10 billion by 2050. It is expected that in a situation of modest economic growth, this will boost agricultural demand up to 50%, in comparison to 2013 (FAO 2017, *The future of Food and Agriculture– Trends and challenges*). Expanding food production and economic growth have often come at a heavy cost to the natural environment. There has been significant decrease in forest cover and biodiversity over the years. Groundwater resources are also getting depleted rapidly. High-input, resource-intensive farming systems have caused massive deforestation, water scarcity, soil depletion and high levels of greenhouse gas emissions. A transformational process towards 'holistic' approaches such as agro-ecology, agro-forestry, climate-smart agriculture, and conservation agriculture is a necessity. Practices such as agro-ecology, including Natural Farming, result in better yields without compromising the needs of the future generations.

Natural Farming is a chemical-free and livestock based diversified farming system that integrates crops, trees and livestock, allowing the optimum use of functional biodiversity. It holds the promise of enhancing farmers' income while delivering many other benefits, viz. as restoration of soil fertility and environmental health, mitigating and/or reducing greenhouse gas emissions. Natural Farming builds on natural or ecological processes that exist in or around farms. Natural Farming offers a solution to various problems, such as food insecurity, farmers' distress, health problems arising due to pesticide and fertilizer residue in food and water, global warming, climate change, natural calamities etc. It also has the potential to generate employment, thereby stemming the migration of rural youth. Natural Farming, as the name suggests, is the art, practice and, increasingly, the science of working with nature to achieve much more with less.

Internationally, Natural Farming is considered a form of regenerative agriculture—a prominent strategy to save the planet. It has the potential to manage land practices and sequester carbon from the atmosphere in soils and plants, where it is actually useful instead of being detrimental.

In India, there are several states practicing Natural Farming. Prominent among them are Andhra Pradesh, Chhattisgarh, Kerala, Gujarat, Himachal Pradesh, Jharkhand, Odisha, Madhya Pradesh, Rajasthan, Uttar Pradesh and Tamil Nadu.

COURSE CONTENT

The course status will broadly cover the following topics: (i) Natural Farming (NF): Definition, importance, concept, principles and recent developments (ii) Agro-ecosystem and soil health management under natural farming (iii) Agronomic production practices for natural farming (iv) Standards of natural farming (v) Economics of natural farming production system (vi) ITKs in natural farming (vii) Pest, disease and weed management in organic agriculture (viii) Organisations, farms & case studies in natural farming (ix) Entrepreneurship opportunities in natural farming. Practical sessions on advance facilities/equipments, field visits, etc.

ELIGIBILITY

The entry and middle level scientists/ Associate Professors / Assistant Professors/ SMS and above working in ICAR Institutes" SAUs/ CAUs/ can apply for this course. The participants must have a Master's degree in Agronomy/ Soil Science/ Plant Pathology / Entomology/ Horticulture / Plant Physiology/Plant Biotechnology/ Plant Biochemistry/ Genetics and Plant Breeding/ Extension Education and other allied related subjects of agricultural science. The total number of participants will be 25 including the internal institute's candidates.

HOW TO APPLY

Eligible and interested participants are requested to apply through CBP portal (<https://cbp.icar.gov.in/>) as per the instruction. Email /send hard copy of approved application duly forwarded by the competent authority by post to the Course Director. The participants are required to pay a sum of Rs. 50/- (Rupees Fifty only) as registration fee (Non-refundable) along with the completed application in the form of Demand Draft/ Indian Postal Order drawn in favour of Dean, SKN College of Agriculture, payable at Jobner (Raj.).

The participants will be selected on the basis of their qualification and interest relevant to the training course. It is advised to apply online as follows.

- Visit the website <http://www.iasri.res.in/cbp/> or click on Capacity Building Programme link under <http://www.icar.org.in/>
- Login using your user ID and Password or to create user ID use "Create New Account" link.
- After login, click on "Participate in Training" link and fill the Performa.
- Take a printout of the application and get it approved by the competent authority of the institute/SAU. Upload the scanned copy of application through the above portal and send duly signed copy through proper channel to the Course Director of winter school by post along with registration fee.

BOARDING AND LODGING

The lodging, boarding and travel expenses of the selected participants will be borne under the training budget as per University norms. Actual TA will be paid on the production of the tickets. The travel expenses will be restricted to a maximum of II AC sleeper charges (III AC sleeper charges for Assistant Professor) of train or bus and will be based on the criterion of pay scales of participants.

HOW TO REACH

The Pink City "Jaipur" is capital of Rajasthan is well connected by air, rail and road network from all parts of the country. S.K.N. College of Agriculture (SKN Agriculture University), Jobner is situated about 45 kms away from the Jaipur city Railway station and Central Bus Stand known as Sindhi Camp, Jaipur and 65 km away from Jaipur International Airport. Public sector buses and private buses are available frequently from Jaipur to Jobner. Participants are advised to make their onward and return reservations well in advance at their end.