

## COURSE DIRECTOR

### Dr. Naresh Babu

Principal Scientist (Horticulture)

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## COURSE COORDINATORS

### Dr. Jyoti Nayak

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## APPLICATION FORM FOR PARTICIPATION IN MODEL TRAINING COURSE

(To be sent directly to the Course Director)

1. Full Name (in Block Letters) : .....
2. Designation : .....
3. Present Employer & Address : .....
4. Address to which reply should be sent  
(in Block letters) : .....
- E-mail ID : .....
- Phone/Fax/ Mob : .....
5. Permanent Address : .....
6. Date of Birth : .....
7. Sex : Male [ ] / Female [ ]
8. Marital Status : Married [ ] / Unmarried [ ]
9. Mention if you have participated in any summer/winter/short course etc under ICAR/other organizations : .....
10. Academic Records :

Examination Passed	Subjects Main/Subsidiary	University or Institute	Year of Passing	Class, Ranks, Distinction etc
Bachelor degree				
Master degree				
Ph.D.				
Others				

11. Professional Experience and publications (last 5 years) : .....

Date: .....

Place: .....

Signature of the applicant

12. Recommendation of forwarding Institute: .....

Signature with seal

### Certificate

It is certified that the information has been furnished from the office record and was found correct.

Date: .....

Signature and Designation of the Sponsoring authority with address

## INFORMATION BROCHURE

## MODEL TRAINING COURSE

on



## Livelihood Improvement of Farm Families through Integrated Farming System



(November 17-24, 2015)



**ICAR-Central Institute for Women in Agriculture  
Bhubaneswar-751003, Odisha**

## OVERVIEW OF THE MODEL TRAINING COURSE

An integrated farming system represents multiple crops (cereals, legumes, tree crops, vegetables etc.) and multiple enterprises (animal farming, bee keeping, fish farming etc) in a single farm. It is widely accepted as a means of achieving sustainable agriculture. To meet the multiple objectives of poverty reduction, food security, competitiveness and sustainability, several researchers have suggested farming systems approach to research and development. A farming system is the result of complex interactions among number of interdependent components where an individual farmer allocates certain quantities and qualities of four factors of production, viz., land, labour, capital and management to which he has access. Farming system research is considered as a powerful tool for the management of natural and human resource in developing countries like India. This is a multi-disciplinary whole-farm approach for solving the problems of small and marginal farmers. This approach aims at increasing income and employment from small-holdings by integrating various farm enterprises and recycling crop residues and by-products within the farm itself. Under the gradual shrinking of land holding, it is required to integrate the land-based enterprises like fishery, poultry, duckery, apiary, field and horticultural crops etc. within the bio-physical and socio-economic environment of the farmers to make farming more profitable and dependable. In this context, a Model Training Course entitled “**Livelihood improvement of farm families through Integrated Farming System**” is being organized at ICAR-CIWA, Bhubaneswar to share knowledge on the latest development in gender mainstreaming in agriculture and sensitize the state agricultural officers, extension dept. officers and scientists of ICAR/SAUs/KVKs.

### Objectives:

Adoption of IFS for enhancing resource-use efficiency and livelihood security is the need of the hour as a powerful tool for management of natural resources and to achieve sustainability in agriculture. The objectives of this training programme are: (i) to provide advance training to the state agricultural officers and scientists of ICAR/SAUs/KVKs and improve their skills in the area of IFS, (ii) to show the trainees live demonstrations/experiments on IFS to improved resource-use efficiency, and (iii) to provide an opportunity to discuss and exchange ideas/knowledge sharing between the academics and with the experts/resource persons who have made notable contributions in this area.

## FACILITIES AVAILABLE AT ICAR-CIWA

- Well equipped laboratories in the field of Plant Tissue Culture, Agronomy, Entomology, Post Harvest Technology, Horticulture, Seed Technology, Animal Science and Fisheries.
- Fifteen acres of research farm under different horticultural and field crops as well as livestock & fisheries, covering experiments under various disciplines. The Institute has developed demonstration units for various agro-enterprises
- The Institute has a modern library with more than 4000 books/research journals/ CAB CD ROM Data base and the Agricola data base, with various aspects of gender in agriculture.
- The Institute has an AKMU with facilities of internet and data analysis.
- The Institute has a conference hall with seating capacity of 150 persons and two committee rooms with seating capacity of 40 each besides a well equipped training hall and a Gender Data Centre with the provision of LCD/ overhead projector/slide projector/ and other audio-visual aids.

## SALIENT COURSE CONTENTS

The course content will broadly cover the following topics:

- Farming systems: Importance and concept
- Procedures and methodologies
- Farming system analysis
- Agricultural systems diversification
- Indigenous Technical Knowledge
- Organic farming
- PRA techniques
- Integrated farming systems for different agro-ecosystems
- Economic analysis of different integrated farming systems
- Conservation farming systems etc

## VENUE & DURATION

The Model Training Course will be organized at ICAR-CIWA, Bhubaneswar. The duration of the training will be for a period of 8 days from November 17- 24, 2015.

## WHO CAN PARTICIPATE?

This Model Training Course is meant for the state extension/developmental officers of agriculture and horticulture, soil conservation and watershed management; and scientists/teachers/researchers in SAUs /ICAR Institutes in the area of Agricultural Sciences (Agronomy/Soil Science/Agricultural Physics /Agricultural Extension/Plant Physiology/Agricultural Economics/Agricultural Engineering/Soil Water Conservation /Horticulture/Soil Science or any other related disciplines like Agroforestry.)

## HOW TO APPLY?

Applications are invited from eligible candidates in the given format. Applications in the prescribed format should be sent through proper channel to the Course Director. Forms are also available on the Institute’s website ([www.icar-ciwa.org.in](http://www.icar-ciwa.org.in)). The last date for receiving nominations is **26<sup>th</sup> October, 2015**.

## SELECTION AND CONFIRMATION OF PARTICIPANTS

The total number of participants will be 20. A list of candidate will be prepared as per the criteria developed for the course and will be displayed in the ICAR-CIWA website and intimation will be sent to the selected participants.

## TRAVEL, BOARDING AND LODGING

The boarding, lodging, and TA expenses of the selected participants from the State Departments of Agriculture, Horticulture and others will be met from the funds provided by the Ministry of Agriculture as per norms and operational guidelines for organization of Model Training Courses. Participants will be paid to-and-fro fare for journey by train (up to II AC) as per their entitlement or bus or other means of transport in vogue as the case may be. Actual TA will be paid on production of tickets/certificate by the participants. However, for the participants coming from ICAR/SAUs/KVKs, the TA and DA expenditure will have to be borne by their nominating organization/institute, and the boarding and lodging will be provided by the organizers. The participants will be accommodated in ICAR-CIWA guest house located in the campus of ICAR-Indian Institute of Water Management, Near Kalinga Hospital, Chandrasekharpur, Bhubaneswar.

## ABOUT ICAR-CIWA, BHUBANESWAR & HOW TO REACH?

The ICAR-Central Institute for Women in Agriculture (formerly Directorate of Research on Women in Agriculture) was established in 1996, under the aegis of Indian Council of Agricultural Research (ICAR), New Delhi. This unique institution is expected to catalyze and facilitate R & D institutions to bring farm women perspectives in their programmes and prepare women to take a lead role in technology development and dissemination. The Institute is located at Baramunda, opposite of Kalinga Studio, about 10 km from Bhubaneswar Railway Station and 8 km from Bhubaneswar airport.

Bhubaneswar, known as the Temple City of India is situated between 21°15’ North Latitude 85°15’ Longitude and at an altitude of 45 metres above sea level. The city has a tropical climate, specifically a tropical savanna climate. The average temperatures range between a minimum of around 12°C in the winter to a maximum of 45°C in summer.

## IMPORTANT DATES

Last date for receipt of nomination	: 26 <sup>th</sup> October, 2015
Intimation of selection	: 28 <sup>th</sup> October, 2015
Last date of confirmation from Participants	: 31 <sup>st</sup> October, 2015

## CONTACT DETAILS

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