

APPLICATION FORM

Format for applying for participation in the short course on "Integrated Farming System Approaches for Sustainable Hill Agriculture under Changing Climatic Scenario"

(To be sent directly to the Course Director of the short course)

Name (in block letters): _____ Designation: _____
Present employer and address: _____
Full correspondence address with PIN: _____ Email ID: _____ Contact no. _____
Date of birth: _____ Sex: _____
Teaching/research/professional experience (mention post held) during last 5 years and number of publications

• Research/Teaching experience: _____ No. of Publications: _____
Discipline and field of specialization: _____ Marital Status: _____
Mention if you have participated in any research seminar, summer /Winter/Short courses etc. during last 5 years under ICAR/other organizations

Academic Record

Degree	Discipline	Year	Class	University
Ph.D				
Master				
Bachelor				
Other				

Date: _____

Place: _____

Signature of candidate _____

Address of Correspondence

Course Director

Dr. Mrinmoy Datta

Joint Director

ICAR Research Complex for NEH Region, Tripura Centre

P.O. Lembucherra - 799210, Agartala, West Tripura

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Course Coordinators

Dr. Gulab Singh Yadav

Scientist (Agronomy)

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Co- Course Coordinators

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Information brochure



Short Course On

Integrated Farming System Approaches for Sustainable Hill Agriculture under Changing Climatic Scenario

(October 28-November 6, 2015)

Sponsored By



NICRA
National Innovations on Climate Resilient Agriculture



Organized by

ICAR Research Complex for NEH Region, Tripura Centre
Lembucherra, West Tripura-799210, Tripura

Background

North East Himalayan Region of India represents a highly complex, diversified resource poor and risk-prone system both in terms of biological and physical aspects. The region has a distinct geographic and ecological entity. The hilly ecosystem is prone to adverse impacts of global climate changes on account of both natural causes and anthropogenic emissions. The Fourth Assessment Report of the IPCC estimates that global average surface temperatures would increase in the range of 1-6.3 °C over the next 100 years. The fertility of agricultural soil may deteriorate with increased temperature, higher evapotranspiration rates, and soil erosion from intense precipitation events. Such productivity loss would translate into a greater risk of food insecurity. Effects of climatic changes on the environment and people's livelihoods could impact health, agriculture, forests, water resources, species and natural areas. The sustainability of the hill agriculture is crucial for improving the livelihood of millions of people inhabited in this region. Production agriculture is the mainstay of food security and subsistence livelihoods in hilly regions. Most agriculture production in the region involves small land holdings, mainly producing for self-consumption in an integrated manner. Change in climate causes certain variability which affects our agricultural activities and ultimately resulting in poor productivity of crops and/ or soil. Similarly, the production and productivity of animals is also negatively affected by the changing climate. Capacity to capture, store and apply knowledge relating to the vulnerability and variations in the hilly ecosystem over extended periods of time requires specially trained man power and expertise for sustaining the hilly agriculture in the present era of climate change. Therefore, the aforesaid training on "Integrated Farming System Approaches for Sustainable Hill Agriculture under Changing Climatic Scenario" will be conducted as a part of the capacity building programme under NICRA at ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra, West Tripura. In this training programme, reasons of climate change, its impact on crops, animals, fish and management of natural resources will be addressed. It will be emphasized how integrated farming system practices will sustain hill farming besides conserving natural resources. The training will acquaint the teachers/researchers/extension personnel about the adaptation and mitigation strategies for managing emerging environmental problems for enhancing sustainability of agriculture. Apart various resource conservation techniques, technologies for efficient water/ nutrient utilization for enhancing production of crop, soil health, breeding strategies and animal health will be discussed.

Host Institute

ICAR Research Complex for NEH Region was established in the year 1975 by the Indian Council of Agricultural Research to provide an adequate Research base for supporting agricultural development in the north eastern region of the country which encompasses all the disciplines of Agriculture, Horticulture, Animal sciences, Agricultural Engineering, Agro-forestry and Fisheries to cater to the research needs of the NEH region. It is one of the major institutes of ICAR family. Headquarter of the institute is located at Umiam (Meghalaya). The Tripura Centre (Lembucherra, 12 km away from Agartala) of the institute is one of the prominent research organizations in the state working in the field of Agriculture and Allied sectors. The Centre has made significant contributions in the area of crop development, natural resource conservation, horticulture, animal sciences and fisheries and played key role in developing farming systems and related technologies of various stakeholders, especially for the poor farming community. The centre has experimental farm, seed farm, horticultural complex and central instrumentation facility. The centre has a KVK under its jurisdiction.

Location and Climate

The Agartala city is well connected by road and air route from places like Kolkata, Guwahati, New Delhi etc. Weather during the seminar will be cool and dry with temperature ranging from 18-25°C. Light woollen clothes will be required.

Participants

The short course is meant for active researchers and extension functionaries working at the rank of Scientist/ Assistant Professor/ Subject Matter Specialist or above in the National Agricultural Research System (NARS), with minimum qualification of M.Sc./M.Tech. or equivalent degree from any recognized university in all the relevant disciplines of agricultural and allied fields. 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.

TA, Boarding & Lodging

Boarding, lodging and TA expenses of the participants will be met as per norms and operational guidelines of ICAR for organization of short course. Participants will be paid travel (to and fro) fare by rail (restricted to AC II tier) or by bus as per their entitlement. Actual TA for the shortest route will be paid on production of tickets. No DA will be provided by the organizers. All the participants will be provided good hospitality (breakfast, lunch, evening tea and dinner) and free accommodation. Participants are requested not to bring their spouses/ any family members as there is no scope for additional accommodation.

How to Reach

Agartala is well connected with major cities like New Delhi, Kolkata and Guwahati by air. The national highway NH-44 is connecting all districts of the state. The institute is situated 8 km away from Agartala Airport and 10 km from Radhanagar Bus Stand. Bus and Auto services are available from Bus stand upto the Institute. Auto and Taxi service is frequently available from Agartala Airport to reach ICAR. The nearby land marks are College of Fisheries (0.2 km) and College of Agriculture, Lembucherra (0.5 km).

How to Apply

The participants should send their application through email directly to the course coordinators with the approval by the competent authority of the respective organization. An advance copy may kindly be sent to- gulab.iari@gmail.com/chandannath23@gmail.com . However, the candidature for final selection will be considered only after receipt of the approved original copy. For speedy disbursement of selection, participants are requested to provide their email IDs, fax. nos. and mobile nos. positively.

Important Dates

Last date for receipt of application	:	9 October, 2015
Confirmation of selected candidates	:	12 October, 2015
Commencement of the course	:	28 October, 2015