

Model Training Course on
**INTEGRATED FARMING SYSTEM FOR SUSTAINABLE HILL
 AGRICULTURE : AN OPTION FOR CLIMATE SMART
 AGRICULTURE AND NRM**

OCTOBER 24-31, 2017
 IMPHAL, MANIPUR

APPLICATION FORM

1. Full name (in BLOCK letters):
2. Designation:
3. Present Employer and address:
4. Corresponding Address (in BLOCK letters):
- Mobile No. Email:
5. Permanent address:

6. Date of birth: 7. Sex:
8. Marital status:
9. Professional experience (Posts held during the last 5 years) :

S.N.	Post Held	Duration	Date (From-To)

10. Mention if you have participated in any Seminar/Workshop/
 Summer/Winter School/Short Course/Model Training Course etc.,
 in previous years under ICAR/other organizations :
 YES NO If Yes, mention number

11. Academic record:

Degree	Year	University/Board	Division	Specialization
Undergraduate				
Postgraduate				
Doctorate				
Any other				

Date : _____
 Place : _____ Full Signature of the Applicant

12. Recommendation of the sponsoring department :
 It is certified that the information furnished was verified and found
 correct.

Recommended Signature of the Competent Authority
 Not-recommended with Date, Designation and Address
 (Office Seal)

Applicant may use photocopy of this form or type the given format in A4 paper.

Application Procedure

Nomination for the Model Training Course should be sent through proper channel in the prescribed format. The Application form must be duly forwarded by the competent authority. The advance copy of application form may be sent to mtcicarmanipur17@gmail.com. However, the final selection of the candidates will be considered only after receipt of the approved original copy. For speedy disbursement of the selection letter and other intimations, participants are requested to provide Email ID, Fax No. and Mobile No. positively. All correspondence should be made to the Course Director.

Important Dates

Last date for receipt of application : 15.09.2017
 Confirmation to selected candidates : 30.09.2017
 Commencement of the course : 24.10.2017

Course Director

Dr. Narendra Prakash
 Joint Director
 ICAR Research Complex for NEH Region
 Manipur Centre, Imphal -795004
 Landline : +91 385 2414654, Fax : +91 385 2414260/749
 Mobile : +91 9436894982

Course Coordinators

Dr. Meraj Alam Ansari **Dr. Subhra Saikat Roy**
 Scientist (Agronomy) Scientist (Horticulture)
 ICAR RC for NEH Region ICAR RC for NEH Region
 Manipur Centre, Imphal Manipur Centre, Imphal
 Mobile : +91 9089654323 Mobile : +91 9436894982

Co-ordinators

Mrs. Punitha P **Dr. Susheel Kr. Sharma**
 Scientist (Agril. Extension) Scientist (Plant Pathology)
 ICAR RC for NEH Region ICAR RC for NEH Region
 Manipur Centre, Imphal Manipur Centre, Imphal
 Mobile : +91 9402882900 Mobile : +91 8729974401

All online correspondences should be sent to :
mtcicarmanipur17@gmail.com



Information
 Brochure

Model Training Course on
**INTEGRATED FARMING SYSTEM
 FOR SUSTAINABLE HILL AGRICULTURE :
 AN OPTION FOR CLIMATE SMART
 AGRICULTURE AND NRM**

Sponsored by



Directorate of Extension
 Ministry of Agriculture
 & Farmers' Welfare
 Government of India

OCTOBER 24-31, 2017

Organized by



**ICAR RESEARCH COMPLEX FOR NEH REGION
 MANIPUR CENTRE, LAMPHELPA, IMPHAL**



Preface

The major problems of present day agriculture are decline in agriculture growth rate, factor productivity, food production, increasing malnutrition, shrinkage in net cultivable area, increasing environmental pollution, depleting groundwater table, increasing cost of production, low farm income and increasing unemployment. People must be fed, and agriculture has to face the challenge of producing sufficient food for a rapidly growing world population whilst maintaining the world's fragile resources. Modern farming systems have evolved to meet this need in a way that combines the essential requirements of profitability, productivity and sustainability. Sustainable development must encompass food production alongside conservation of finite natural resources. To meet these multiple objectives, Integrated Farming System has emerged as the most viable and valuable approach to address the problems of sustainable economic growth for farming communities in India, especially for the small and marginal farmers under fragile hill ecosystem under the changing climatic scenario. Economic and ecological access to food can be ensured by adopting IFS consisting of change from commodity-based to resource-based planning and integrated use and management of land, water and human resources to maximize income and employment. Given this backdrop, the model training course is being organized with an objective to upgrade the knowledge and improve the skills of the researchers and extension workers on Integrated Farming System and its practical utility for enhancing productivity, profitability and sustainability under the global climate disruption.

Approach & Method

The program will include lectures from specialists, field and laboratory oriented problem-solving sessions as well as documentary film show, visits to outreach IFS programme for live demonstration and case studies. The faculty for the model training course will consist of eminent scientists /academicians from various scientific research/educational institutions in the region and the country. Balanced emphasis will be given on the theory and hands on practical sessions. The period of the model training course is 8 days (24-31 October, 2017).

Course Coverage

The major focus of the model training course is to bring familiarity with state of the art research technologies and dissemination of the recent scientific advances in the field of integrated farming system to enhance adaptation and mitigation potential of farmers of our country with special reference to North Eastern Hill Region. The model training course has been designed to cover the basic concept, procedure and methodologies of integrated farming system, soil-plant-animal relationship, sloping agricultural land technology, soil and water conservation measures, IFS enterprise planning and management for small and marginal farmers, integrated pest and disease management, horticultural interventions, seed production, agro-forestry interventions, nutrient dynamics, bio-organics, carbon sequestration, energy budgeting, recycling of crop residue and farm waste, biomass management, protected cultivation, poultry-livestock-fishery management, mushroom production, apiculture, value addition, socio-economic analysis, participatory rural appraisal, etc. Hence, the model training course will provide an opportunity to discuss and exchange ideas/knowledge sharing between the participants and with the experts/resource persons who have made notable contributions in these fields.

The 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 Hill region of the country. It is the first institute of its kind setup by ICAR which encompasses almost all the disciplines of agriculture and allied sectors to cater to the research needs of the Region. It is also one of the major institutes in ICAR family. The headquarters of the Institute is located at Umiam (Meghalaya). The Manipur Centre of the institute has made significant contributions in the area of crop improvement, natural resource conservation, horticulture and played key role in developing farming systems & related technologies for various stakeholders, especially for the poor farming community. The centre has experimental farm, seed farm, hi-tech horticultural complex and central instrumentation facility. The centre also has five Krishi Vigyan Kendras under its jurisdiction.

Climate

The weather of Imphal during October is quite pleasant. The average temperature during the day and night is expected to be around 28°C and 18°C, respectively. A couple of light rain (110-130 mm) is always expected during this period. Relative humidity is expected to be around 70-85%. Temperature may drop during rainy days. Hence, the participants may carry light warm cloths.

The Participants

The Model Training Course is meant for active extension functionaries and researchers working in concerned State Government Departments or ICAR/CAUs/SAUs/KVKs at the rank of Scientist/Assistant Professor/SMS/Agriculture Officer or equivalent posts and above. The applicant should actively engaged in extension, research or teaching in the field of agriculture and allied sectors or relevant areas. A maximum of 20 participants will be selected for the course.

Travel & Accommodation

The boarding, lodging and TA expenses of the selected participants will be met as per operational guidelines of model training course. Only outstation 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 valid travel documents. No DA will be provided by the organizers. All the participants will be provided good hospitality (breakfast, lunch, tea and dinner) and free shared accommodation in the Institute Scientist Home. Participants are requested not to bring their any family members as there is no scope for additional accommodation at the Scientists Home.

How to Reach

Imphal is well connected by air with the major cities like New Delhi, Kolkata and Guwahati. Three National Highways, viz., N.H-39, N.H- 53 and N.H-150 criss-cross the State. The institute is located 10 kms from Imphal Airport and is 2 kms. from AOC Bus stand. The nearest rail head is at Dimapur, Nagaland which is 208 kms from Imphal by road (NH-39). Auto rickshaw and Taxi service is frequently available from Airport/Bus Stand to reach ICAR. The nearby land marks are RIMS (1.5 kms) and Kendriya Vidyalaya-I (200 m).