

### Buses from various places to Extension Education Institute

Secunderabad Railway Station : 7/94H, 7/94R,  
7/95R, 5/92,  
Hyderabad Railway Station, Nampally : 92R,  
Kachiguda Railway Station : 2/94R,  
Mahatma Gandhi Bus Station (Imlibun) : 94R, 94H, 95A,  
(Reach Koti, Opp. Osmania MedAical : 95P, 94/95R  
College gate by auto and catch bus)  
Rajiv Gandhi International Airport, : Taxi/RTC Bus/  
Shamshabad AeroExpress

### Land marks:

*Extension bus stop located on the Rajendranagar road which is at a distance of 15 km. from Koti, 25 km from Secunderabad, 15 km from Nampally, 18 km from Kachiguda and 10 km from Rajiv Gandhi International Airport. The participants may also hire private taxi or cab or auto directly from the Railway Station. Drop Location for Private cabs or Taxis: Extension Education Institute, Rajendranagar road.*

*Participants are advised to make their return journey reservations at their end before leaving to Hyderabad.*

### Further Information can be obtained from

**Dr. K. Madhu Babu, Director**

Phone: 040 24015368 (O), +918008808024

Email: madhu5.karra@gmail.com

**Dr. I. S. Rao,**

Professor and Officer- in-charge (Training)

Phone: 040 24015368 (O), +9196a18231626

Email: illuris@gmail.com

**Dr. P. Vijaya Lakshmi,**

Professor and Officer- in-charge (Training)

Phone: 040 24015368 (O), +918121668586

Email: pvlagr98@gmail.com

**Edited and compiled by**

**Dr. D. Shireesha, Asst. Professor, EEI.**

Warden : **Dr. S. Chandra Shekar** : +91 78 93 33 20 39

Care Taker : **O. Bhasker Rao** : +91 90 00 52 06 87

## TRAINING PROGRAMME ON Integrated Farming Systems Approach for Sustainable Livelihoods

**26<sup>th</sup> to 30<sup>th</sup> November, 2018 (5 days)**



*Model of Integrated Farming System*



**Course Coordinator**

**Dr. D.SHIREESHA**

**Asst. Professor, EEI, Hyderabad**



सत्यमेव जयते



**EXTENSION EDUCATION INSTITUTE**  
(Southern Region)

**Dept. of Agriculture, Cooperation & Farmers Welfare,  
Ministry of Agriculture & Farmers Welfare, Govt. of India**

Professor Jayashankar Telangana State Agricultural University  
Rajendranagar, Hyderabad-500 030

Phone No: 040-24015368; Fax No: 040-24016367  
e-mail: eei1962@yahoo.in; Web: www.eeihyd.org

## Back Ground

Sustainable agriculture means an integrated approach to increasing farm yield and managing resources in order to address all three critical aspects of sustainability: economic, environmental and social. Sustainable development in agriculture must include integrated farming system (IFS) with efficient soil, water crop and pest management practices, which are environmentally friendly and cost effective.

The IFS approach has multiple objectives of sustainability, food security, farmer security and poverty reduction. It involves use of outputs of one enterprise component as inputs for other related enterprises wherever feasible, for example, cattle dung mixed with crop residues and farm waste can be converted in to nutrient-rich vermi-compost. The salient features of IFS include – innovation in farming for maximising production through optimal use of local resources, effective recycling of farm waste for productive purposes, community-led local systems for water conservation, organic farming, and developing a judicious mix of income-generating activities such as dairy, poultry, fishery, goat-rearing, vermi composting and others.

IFS also play an important role in improving the soil health by increasing the nitrogen, phosphorous, organic carbon and microbial count of soil and thus, reduce the use of chemical fertilizers. Moreover, IFS components are known to control the weed and regarded as an important element of integrated pest management and thus minimizes the use of weed killers as well as pesticides and thus protects the environment. The water use efficiency and water quality of IFS was better than conventional system. Thus integrated farming system provides new venture for employment and sustainable development of livelihood. An attempt has been made by Extension Education Institute (EEI) to organize a 5 day training programme to improve the knowledge and skill in the area of 'Integrated Farming Systems Approach for Sustainable livelihoods'.

### Objectives of training:

- To learn about the Integrated Farming System Approach for providing sustainable livelihoods to farmers.
- To learn about planning, resource utilization and management in IFS
- To study various models and tools in IFSA and
- To prepare and present viable models in IFSA for implementation among farmers.

### Course contents:

Integrated Farming Systems Approach for Sustainable livelihoods – An over view, IFS – The livelihood approach in Indian context, Resource characterization and planning of integrated farming system for achieving climate

resilience, Integrated farming system for small and marginal farmers and livelihood analysis, Maintaining soil sustainability through efficient resource recycling and cost reduction technologies through IFS, Synthesis of bankable projects for integrated farming systems, Efficient use of ICT tools in IFS, Resource access and management in IFS, Successful IFS Models, Soft skills, Gender Mainstreaming and field visits

### Benefits :

1. Training on Integrated Farming Systems Approach for sustainable livelihoods will help in planning and implementation.
2. The training will provide comprehensive knowledge on maintaining soil sustainability through efficient resource recycling and cost reduction technologies through IFS.
3. Training helps in gaining the knowledge in Resource access and management in IFS.
4. Training helps in gaining knowledge and skill through Successful IFS Models.

**Who can attend? :** Officials from departments of Agriculture, Horticulture, Animal husbandry, Fisheries, Soil conservation and soil survey, Forestry and industries department of Andaman and Nicobar islands, Sericulture and allied sectors, all development professionals from client states of EEI, Assistant Professors / Scientists / KVK professionals / DAATT centre Professionals, personnel from Non Government Organisations and any others who want to build or improve their skills related to Integrated Farming Systems Approach.

**Duration:** 26<sup>th</sup> to 30<sup>th</sup> November, 2018 (both days inclusive). Participants are expected to arrive at least by 8 AM on the morning of 26<sup>th</sup> November and can leave after 1600 hrs. on 30th November, 2018.

**Boarding and Lodging:** The programme is fully residential. Participants will be accommodated in the Hostels at EEI campus and will be provided free board and lodging. With regards to travel expenses, for all the client department officials as per their eligibility shall be met by EEI, Hyderabad except for officials from NGOs.

**Pedagogy:** Various techniques and pedagogy are adopted in this course to help participants to feel the best touch of reality. The techniques like hands on experience, visit to institutions related to Integrated Farming Systems Approach, finally with soft skills for efficient job performance.

**Travel:** Greater Hyderabad is well connected by Air, Rail and Road with all parts of the country. Participants travelling by train should alight at Secunderabad or Hyderabad railway station. City transport service is available to reach the EEI.