

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

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TRAINING PROGRAMME ON

**Climate Smart Strategies for
Extension Professionals**

13th to 17th November, 2018 (5 days)



Course Coordinator

Dr. B. JAMUNA RANI

Professor, EEI, Hyderabad



EXTENSION EDUCATION INSTITUTE
(Southern Region)

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Back Ground

Agriculture sector alone represents 23 per cent of India's Gross National Product (GNP), plays a crucial role in the country's development and shall continue to occupy an important place in the national economy. It sustains the livelihood of nearly 70% of the population. It seems obvious that any significant change in climate on a global scale will impact local agriculture, and therefore affect the world's food supply. The problems of predicting the future course of agriculture in the changing world are compounded by the fundamental complexity of natural agricultural systems, and socio-economic systems governing the world food supply and demand. Changes in the temperature, solar radiation, and precipitation will have an effect on crop productivity and livestock agriculture.

Agriculture is sensitive to short-term changes in weather and to seasonal, annual and longer-term variations in climate. For the long-term changes, agriculture is able to tolerate moderate variations in the climatic mean. Changes beyond these bands of tolerance may require shifts in cultivars and crops, new technologies and infrastructure or ultimately conversion to different land uses. Crop yield is the culmination of a diversified range of factors. The variations in the meteorological parameters are more of transitory in nature and have paramount influence on the agricultural systems, although other parameters, like soil characteristic, seed genetics, pest and disease and agronomic practices also do impact crop yields. Among these factors, pest and diseases cause a significant loss to world food production under different climatic conditions. Development and distribution of pest and diseases are governed by temperature patterns, rainfall or humidity and seasonal length to a great extent

These observations need to be coupled to management practices, which are tailored to the climate variability of the region, such as optimal time of sowing, level of pesticides and fertilizer application. An attempt has been made by Extension Education Institute (EEI) to organize a 5day training programme to improve the knowledge and skill on 'Climate Smart Strategies for Extension Professionals.

Objectives of training:

1. To acquire knowledge on various components of climate change.
2. To prepare and apply various extension strategies to address the climate change and variability on Agriculture and allied fields.

Course contents:

- Climate Change: An Overview
- Climate Smart ITKs

- Climate Resilient technologies for Agriculture and Allied sectors
- Extension Strategies to Address Climate Change
- Climate Smart Extension - application of Remote Sensing and Geographical Information Systems in Agriculture
- Impact of Climate Change on Rural Livelihoods in Agriculture sector

Benefits :

1. Training on climate smart strategies will help in planning and implementation of Extension strategies to address climate change.
2. The training will provide comprehensive knowledge on Impact of Climate Change on Rural Livelihoods in Agriculture sector.
3. Training helps in gaining the knowledge on Climate Resilient technologies for Agriculture and Allied sectors

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 Organizations and any others who want to build or improve their skills related to climate smart strategies for extension professionals.

Duration: 13th to 17th November 2018 (both days inclusive). Participants are expected to arrive at least by 8 AM on the morning of November 13th and can leave after 1600 hrs on November 17th 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 Organic Farmers Fields and to institutions related to organic farming.

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.