

Title of the Programme

A Panorama of Affordable Innovative Technologies and Solutions for Rural Development

Sponsoring Organization

African-Asian Rural Development Organization (AARDO)

Organizer/Training Institute

Indian Institute of Technology Madras (IITM)

Duration

22 March – 01 April 2021
(Two Weeks)
(Monday-Thursday)
8 sessions, total 16 hours)

Session Timings

14.00 to 16.00 hrs IST
(India Standard Time)
(Pls check Time-zone)

Deadline for Application

15 March 2021

BACKGROUND

Technology has been playing an important role in the socio-economic transformation in the developing countries. Utilization, protection and enhancement of natural, physical and human resources is essential to make long term impact in improving sustainable livelihoods in the rural areas. Technology based interventions have been known to aid the development of notably poor, smallholders and artisans in rural areas. In this context, it is important to identify appropriate sustainable technologies for their development. The bottlenecks faced in various stages of technology development may be identification of problems, development of solutions, their scale-up/ scale-down and finally dissemination to the end users.



OBJECTIVES

Against this backdrop, the e-training programme aims to showcase selected technologies developed at IIT Madras, with a special focus on technologies for the rural areas and their livelihoods (farm and non-farm), access to value chains and markets. The opportunities and challenges in the technology development and dissemination of selected technologies will be discussed during the training programme.

The broad objectives of the programme is to sensitize the participants for adaptation of innovative and affordable rural technologies and share their experiences. The specific objectives are :

- ✓ to provide a forum for sharing innovative affordable technologies among AARDO member countries;
- ✓ to develop framework and policies for transfer of rural technologies;
- ✓ to use innovative affordable rural technologies for raising the living standard of rural people; and
- ✓ to create awareness towards replacing traditional/ obsolete technologies with environmentally friendly and climate resilient technologies.

COURSE COMPONENTS

- i) Innovative Technology for Sustainable Food Production (Post Harvest Technology) - Value Addition
- ii) Technologies Enhancing Productivity of Small Farmers
- iii) Technologies Facilitating Access to Value Chains and Markets
- iv) Technologies Supporting Financial Inclusion
- v) Policies and Initiatives Conducive to Development and Transfer of Technologies from Lab to Farm
- vi) Technologies Facilitating Collectivization, Bulk Purchase of Inputs and Traceability
- vii) Intellectual Property Right (IPR) and Technology Transfer
- viii) Developing Institutions for Rural Technologies

ABOUT THE ORGANIZING INSTITUTION

The Indian Institute of Technology Madras (IITM) is known both nationally and internationally for excellence in technical education, basic and applied research, innovation, entrepreneurship and industrial consultancy. A faculty of international repute, a highly motivated and brilliant student community, excellent technical and supporting staff and an effective administration have all contributed to the pre-eminent status of IIT Madras. The Institute is proud to bear the laureate of being No.1 engineering university in India. More recently, IIT Madras has also been given the title of Institute of Eminence.



IITM has taken remarkable steps in innovating and adapting rural technology for improving the productivity and livelihoods in rural areas like innovative designs for rural livelihoods, water resources and energy systems to achieve for reducing drudgery and increasing efficiency through dissemination of improved/ new technologies.

WHO CAN APPLY

Middle and senior level executives from government departments, ministries, and agriculture engineers and scientists engaged in policy formulation, implementation, planning and appraisals.

HOW TO APPLY

The participants are kindly required to fill in the ONLINE application form through this link only :

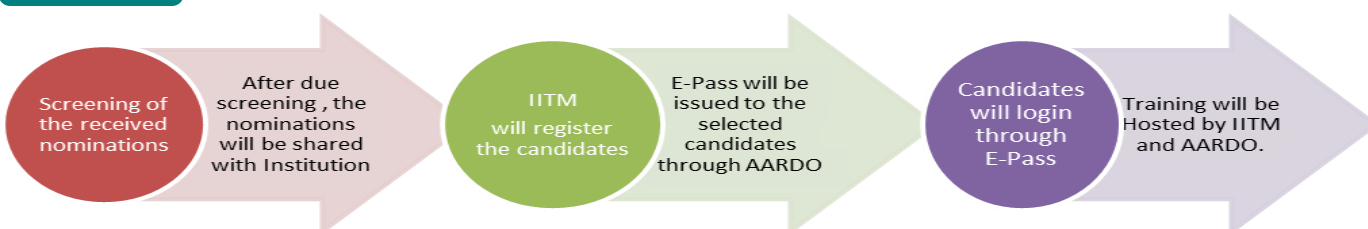
<http://aardo.org/formDD1.php> . After primary screening of the application, e-Pass will be issued to attend the online training.

REQUIREMENT

The Online Training Programme will be conducted through Zoom :

- The trainee must have a Zoom account (**Zoom id**)
- The other system requirement to have sufficient space to run zoom smoothly.
- Headset with Microphone & Web Camera

PROCESS



NOTE:

At the end of e-training, all the trainees will be assessed/evaluated through a live interactive session for consideration of an e-Certificate.