



AFRICAN-ASIAN RURAL  
DEVELOPMENT ORGANIZATION



INDIAN INSTITUTE OF  
TECHNOLOGY KHARAGPUR



# Online INTERNATIONAL TRAINING PROGRAM

on

# Advancements in Agricultural and Food Engineering in INDIA

1st July - 4th July

2025

Sponsored by,  
African Asian Rural Development  
Organization(AARDO)

Organized by,  
Agricultural and Food Engineering Department,  
IIT Kharagpur, India





# BACKGROUND

IIT Kharagpur, in collaboration with AARDO, aims to conduct a four days online international training program from the 1st July – 4th July 2025. This course is specially designed for the representatives of AARDO member countries, including the middle and senior-level executives from government departments, ministries, agriculture scientists, and engineers engaged in precision agriculture. The course content also emphasizes on policy formulation, its proper implementation and planning for innovative and affordable technologies developed at IIT Kharagpur for the reduction of drudgery, and upliftment of the lifestyle of the rural population, thereby contributing in the related policy making decisions.

## Broad Course Components

AGRICULTURAL MECHANIZATION  
SUSTAINABLE AGRICULTURAL PRACTICES  
ADVANCES IN FOOD PROCESSING  
BIODEGRADABLE PACKAGING SOLUTIONS



## Online Mode Programme





## Objectives

1. Promote implementation of precision and sustainable Agriculture.
2. Showcasing latest innovative affordable technologies of IIT Kharagpur
3. Advocate agriculture efficiency attainment strategies and farm produce quality improvement .
4. Promote innovative affordable rural technologies for improving the social economic status of rural communities.
5. Developing policy framework for effective transfer of technologies to AARDO member countries.

## Essential Qualifications

1. Bachelors Degree in Sciences/or its equivalent with a considerable working experience in planning and executing programmes related to the subject of the training;
2. Must be subject enthusiast related to the programme.
3. Must be willing to undertake an online training course.

## Target Audience

The training programme will be attended by Senior or mid-level government officials, policymakers, academicians and technicians from AARDO member countries.

## Medium of Communication

The medium of communication is English.  
The participants are expected to have a good working knowledge of English.

## Session Timings

13:30 to 16:00 hrs  
[IST GMT + 5:30]



## How to Apply

Step 1: Log on to the link: <http://aardo.org/formDD.php>

Step 2: Fill up the details and submit. Take print out of the filled in application form.

Step 3: Applicants are required to sign their applications and send them along with the recommendation letter of the Nodal Ministry of AARDO/Centre of Excellence to our email: [iec@aardo.org](mailto:iec@aardo.org)

## Selection of Participants

The participants of the training programme will be selected jointly by AARDO and the host Institute.

## Whats app Communication

WhatsApp communication will be established among the participants, host institute and AARDO for faster communication and information sharing.

## Certificate

Authenticated Digital Certificate with the signature of the Director, IIT Kharagpur and H.E. Secretary General, AARDO will be provided after the successful completion of the training programme.

**DEADLINE FOR  
APPLICATION**

**25<sup>th</sup> June 2025**





## About AARDO

The AFRICAN- ASIAN RURAL DEVELOPMENT ORGANIZATION is a rural centric inter- governmental autonomous organization located at 2, State Guest Houses Complex, Chanakyapuri, New Delhi 110 021, India.

African Asian Rural Development Organization is mandated to develop understanding among members for better appreciation of each other's problems and to collectively explore, opportunities for coordination of efforts for the welfare and eradication of thirst, hunger, illiteracy, disease and poverty amongst rural people in the African-Asian region. The Organization comprises thirty six (36) members, which include thirty one (32) countries namely, Burkina Faso, Egypt, Ethiopia, Eswatini, Gambia, Ghana, Kenya, Liberia, Libya, Malawi, Mauritius, Morocco, Namibia, Nigeria, Sierra Leone, Sudan, Tunisia and Zambia from Africa, and Bangladesh, R.O. China (Taiwan), India, Iraq, Jordan, R.O. Korea, Lebanon, Malaysia, Oman, Palestine, Pakistan, Sri Lanka, Syria and Yemen from Asia, as the full members, and Korea Rural Community Corporation (KRC), R.O. Korea, the Agricultural Bank of Sudan (ABS), Sudan, Ekiti Chamber of Commerce, Industry, Mines & Agriculture (EKICCIMA), Nigeria and Economic and Social Development Center (ESDC), Palestine as Associate Members.

AARDO is promoting South-South Triangular cooperation in the domain of agricultural and rural development. As such, AARDO is championing and advocating more science to rural societies for inclusive transformation of rural areas in Africa and Asia.

### PROGRAM COORDINATORS

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## **About The Organizing Institution**

**Indian Institute of Technology Kharagpur (IIT KGP)**, established in 1951, is the first IIT to be recognized as an Institute of National Importance by the Government of India. In 2019 it was awarded the status of Institute of Eminence by the Government of India. The institute was initially established to train engineers. However, over the years, the institute's academic capabilities diversified with offerings in management, law, architecture, humanities, etc.

Considering the importance of agriculture in ensuring food and nutritional security, the Agricultural Engineering department had been incepted at the Indian Institute of Technology, Kharagpur, in 1952 according to the recommendation of the Dhar committee appointed by the Board of Governors. Subsequently, with the upgradation of its academic programs, the department was re-christened as the Agricultural & Food Engineering department in 1994. IIT Kharagpur has the sole distinction of having an Agricultural & Food Engineering department, which comprises six disciplines Farm Machinery and Power, Land and Water Resources Engineering, Agricultural Biotechnology, Food Process Engineering, Agricultural Systems Management, and Aquacultural Engineering, respectively. Sponsored research projects and development activities dealing with Integrated Rainwater Management, Soil Tillage, Utilization of Fly ash, Ergonomic Database for Agricultural Equipment, Integrating Remote Sensing Data with Distributed Hydrological Models, Model Pilot Plant and koji room facilities for the production of industrial enzymes, etc. The department has filed several patent applications and transferred many technologies to industries and various stakeholders based on its innovative research.

### **PROGRAM COORDINATOR**

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