



**ONLINE INTERNATIONAL TRAINING PROGRAMME ON
ADVANCES IN CAMEL HEALTH,
PRODUCTION AND TECHNOLOGY
05-08 August 2024**



**AFRICAN-ASIAN RURAL DEVELOPMENT ORGANIZATION
(AARDO)**



In the context of the “International Year of Camelids—2024”

THEME OF THE PROGRAMME

ADVANCES IN CAMEL HEALTH, PRODUCTION AND TECHNOLOGY

Sponsoring Organization

African Asian Rural Development Organization (AARDO)
(www.aardo.org)

Training Institute (Host)

ICAR—National Research Centre on Camel
(<https://nrcccamel.icar.gov.in/>)

Duration

05-08th August 2024
for 04 days (08 hours)
Monday—Thursday.

Session Timing

14:00 to 16:00 hours
(Indian Standard Time GMT +5:30)
(Please Check Local Time Zone)

Virtual Platform (Software)

Zoom Software

Deadline for Application
31st July 2024

BACKGROUND

Camelids play a pivotal role in the livelihoods of millions, especially among pastoralists in the arid and mountainous regions of developing or underdeveloped countries. Single humped camels (*Camelus dromedaries*) are an important livestock in arid regions, providing sustenance, transportation, and economic support to local communities. The United Nations has designated 2024 as the International Year of Camelids, to highlight the importance of camelids in the context of protection of ecosystems, biodiversity conservation and food security. Traditionally, camel is considered to be resistant for many common diseases that cause havoc in other livestock species. Nevertheless, the recent emergence of several disease outbreaks of camel pox, camel contagious ecthyma, pasturellosis etc. are responsible for high morbidity and mortality, thereby inflicting huge economic losses to camel farmers. Shrinking of pasture land and depletion of natural browsing plant species are further posing a threat to their sustained survival. This training program aims to inform camel farmers and other stakeholders about recent advances in camel health, production and technology.

THE MAIN OBJECTIVES OF THIS PROGRAM ARE TO:

- ◆ Apprising challenges and opportunities in profitable camel farming ;
- ◆ Promoting scientific camel farming and optimizing camel health, production and reproductive efficacy; and
- ◆ Conservation and propagation of unique germplasm of camelids

COURSE CONTENTS

- Role of camel in livelihood security: Ways to improve utility and productivity
- Identifying emerging health problems and devising strategies for their prevention and control
- Advances in camel nutrition and feeding for intensive camel farming
- Showcasing value added camel milk products and other

- products from camel hide, bone and hair developed by ICAR-NRCC, Bikaner; and
- Providing affordable and clean energy solutions

PROGRAMME METHODOLOGY

The programme will be highly participatory and interactive with maximum involvement of the participants.

OUTLINE OF THE PROGRAMME

- ◆ Challenges and Opportunities in Camel Production and Technology Development
- ◆ Advances in Camel Health: Diseases and their Diagnostic and Therapeutic Approaches
- ◆ Advances in Camel Production and Nutritional Management
- ◆ Camel Milk Products and their Nutraceutical Properties

MEDIUM OF COMMUNICATION

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

TARGET AUDIENCE

The training programme will be attended by experts, senior officials and individuals working in the relevant field in AARDO member countries. Resource persons from the host Institute (ICAR-NRCC, Bikaner) and other institutions having rich experiences on the subject will be invited to share their experiences and expertise with the participants.

ESSENTIAL QUALIFICATIONS

- ◆ Bachelors Degree or its equivalent with a considerable working experience in planning and executing programmes related to the subject of the training;
- ◆ Must be subject enthusiast
- ◆ Must be willing to undertake an online training course.

SELECTION OF PARTICIPANTS

The participants of this training programme will be selected by AARDO and ICAR—NRCC.

Thereafter, selected participants will be provided with login ID and password to access the programme.

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 (email: iec@aardo.org).

CERTIFICATE

E-Certificate authenticated with the signature of H.E. Secretary General, AARDO, and Director, ICAR-NRCC, Bikaner authorities will be provided after the successful completion of the training programme.

WHATSAPP COMMUNICATION

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

Important Notes:

- ◆ Application without recommendation of the AARDO's Nodal Ministry in participant's country will not be considered.
- ◆ Application, duly completed, must reach the AARDO Secretariat before or on the closing date **31st July 2024**
- ◆ Due to limitation of number of participants, only selected candidates would be intimated through the Nodal Ministry and AARDO.
- ◆ Selected candidates will be required to actively attend all the live sessions of e-training programme to be eligible to obtain e-certificates.

THE HOST TRAINING ORGANIZATION (ICAR—NRCC)

ICAR-National Research Centre on Camel is a premier institute under the Indian Council of Agricultural Research, New Delhi, and dedicated to conduct basic and applied research for improvement of camel health and production. The NRCC has modern laboratories situated in two complexes. The laboratories are fully equipped to handle modern research in the field of camel health, nutrition, physiology, reproduction, biochemistry, genetics and breeding, biotechnology, camel management and milk products technology.



The livestock farm of NRCC maintains an elite herd of about 250 to 300 dromedary camels comprising of Bikaneri, Jaisalmeri, Kachchhi and Mewari breeds. An area of about 650 hectares of farmland has been fenced and 45 hectares of land has been brought under perennial Silvi-pasture, comprising of grasses, shrubs and trees. The Centre is presently promoting camel as a dairy animal and focusing its research to validate the prophylactic/therapeutic potential of camel milk in various human ailments that has drawn attention of scientists worldwide, though it is been used in folklore medicines since times antiquity in India. The Institute has extensively worked on characterization of nutraceutical value and importance of value added products from camel milk and its popularization as a unique milk supplement in human therapeutics.

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