

Application form for Participation in Summer School

ICAR Summer School on

**Livestock products quality and safety assurance by
advanced microbiological and spectrometry approaches**

31st July to 20th August 2018

1. Name (in block letters)
2. Designation
3. Present employer address
4. Address to which reply
should be sent
5. Email address
6. Date of birth
7. Sex
8. Teaching/research
experience during last
5 years and publications
9. Marital status
10. Mention if you have
participated in any research
seminar, Summer/Winter
schools, short courses, etc
during last 5 years under
ICAR/other organizations
11. Academic Record

Degree	Discipline	Year	Class	University

12. Demand Draft for Rs. 50/- in favor of ICAR Unit, **CIRG**
Payable at Farah, Mathura towards registration

Bank _____

Dated _____

Signature of Applicant

Date & Place

13. Recommendations of forwarding institute
Certificate

It is certified that the information was furnished by
the office records and was found correct.

Signature

Seal

Date

PROGRAMME DIRECTOR

Dr. M. S. Chauhan

Director, ICAR-CIRG, Makhdoom

COURSE DIRECTOR

Dr. V. Rajkumar

Senior Scientist

COURSE COORDINATORS

Dr. M. K. Singh

Principal Scientist

Dr. A. K. Verma

Scientist

Dr. M. Suman Kumar

Scientist

IMPORTANT DATES

Receipt of applications:

23rd June 2018

Acceptance/Confirmation:

30th June 2018

Address for correspondence:

Dr. V. Rajkumar

Senior Scientist and Incharge

National Referral Lab. for Testing of Animal Products

Goat Products Technology Lab., AN&PT Division

ICAR- Central Institute for Research on Goats

Makhdoom, Farah, Mathura 281122 (UP)

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ICAR Summer School on Livestock products quality and safety assurance by advanced microbiological and spectrometry approaches

31st July to 20th August 2018



Organized by

**ICAR- Central Institute for Research on Goats
(An ISO 9001:2008 Certified Organization)
Makhdoom, Farah, Mathura 281122 (UP)**

BACKGROUND

Livestock and their products play a vital role in doubling the farmers income. Food quality and safety is a serious concern to consumers and the government and are of paramount importance across all levels of the food value chain, from production to processing; handling, transport, and storage to sale and consumption. Ensuring good product quality refers to the maintenance of the characteristics of food that is acceptable to consumers, including external factors as appearance (size, color, shape, gloss, and consistency) and internal factors pertaining to biological, chemical, and physical characteristics. The advanced microbiological and spectrophotometry ensures keeping a tab on the quality and safety assurance of products.

The National Referral Laboratory for Testing of Animal Products has advanced facilities like GC MS, ICP MS, TEMPO and VIDAS which will assist the trainees to have first hand information on meat food safety and quality assurance. We are confident that the proposed training will enhance the knowledge of the teachers and scientists.

ELIGIBILITY

Master's Degree and equivalent and working not below the rank of Assistant Professor/Scientist in the concerned subject under SAU/ICAR/ICAR recognized institute.

COURSE CONTENTS

- ◆ Recent techniques for evaluation of quality of animal products
- ◆ Advanced approaches for detection of malpractices in meat production and processing
- ◆ Safety of meat products through HACCP approach
- ◆ Pesticide and antimicrobial residues in animal products
- ◆ Analysis of pesticide residues via GC-MS/MS
- ◆ TEMPO and VIDAS in microbiological analysis of meat and milk products
- ◆ Spectrometry for the detection of metal contamination of livestock products
- ◆ Bioactive components and nano-scale approaches in production of animal products

ACCOMMODATION AND FINANCIAL ASSISTANCE

The participants will be provided free boarding and lodging in the Institute guest house on sharing basis. Participants are advised not to bring their families, as accommodation for them will not be entertained.

The participants will be paid T.A. for to and fro journey by rail/bus/public transport by the shortest route, but restricted to A.C. II normal train fare only (on producing documentary evidence).

HOW TO APPLY

The participants have to apply online at the CBP portal at <https://cbp.icar.gov.in>. After filling the online application, take a printout of the application and get it approved by the competent authority and upload the scanned copy at CBP portal on or before **23.06.2018**. An advance copy (via email) may be sent directly to the Course Director.

REGISTRATION

A registration fee of Rs. 50/- has to be paid by the participants (non-refundable). The fee may be paid through DD/ Indian postal order in favour of the **ICAR-Unit CIRG, Makhdoom** payable at Farah, Mathura.

INTAKE CAPACITY

Twenty five participants

HOW TO REACH CIRG

ICAR-CIRG is located at equal distance from Mathura (22 km) and Agra (32 km). Both the places are well connected to all the major cities of the country by rail as well as road. One has to get down at Farah while taking bus journey. For the journey between Farah town to Institute campus (2 km), transport will be made available on prior intimation.



ICAR-CENTRAL INSTITUTE FOR RESEARCH ON GOATS

Considering the significance of goats in the agrarian economy of India, the Indian Council of Agricultural Research established a National Research Centre on Goat at Makhdoom, Farah in Mathura district of Uttar Pradesh on 12th July, 1976. The centre got the status of a full-fledged institute on 12th July, 1979 and was named as Central Institute for Research on Goats. ICAR-CIRG has "National Referral Laboratory for Testing of Animal Products", developed with the help of Ministry of Food Processing Industries and ICAR to facilitate commercial farmers and animal products exporters. The institute also has a 'Farmers single window' facility at Extension Education & Socio-Economics Section to abridge the accessibility of institute's facilities to the farmers. The Coordinating unit of All India Coordinated Research Project on Goat Improvement is located at ICAR-CIRG.

The institute has developed farmers' friendly and commercially viable technologies for goat improvement in the country. So far, 18 patents have been filed; eight technologies have been transferred to different industries for large scale production of different products. Value added goat meat and milk products, diagnostics for brucellosis and JD are under process of commercialization. The scientists of the Institute have successfully produced kids from embryo transfer and through IVF. In recognition of its meritorious scientific achievements and technology innovation, the Institute has been bestowed with the prestigious ICAR's Sardar Patel Outstanding Institute Award-2010.