

NATIONAL SEMINAR

ON

NUTRITION-HEALTH SYNERGY FOR SUSTAINABLE SMALL RUMINANT PRODUCTIVITY

UNDER THE AEGIS OF

INDIAN SOCIETY FOR SHEEP AND GOAT PRODUCTION AND UTILIZATION

DATE: 11.07.2025 (FRIDAY)



VENUE

ICAR-CENTRAL INSTITUTE FOR RESEARCH ON GOATS
MAKHDOOM, FARAH (POST), MATHURA-281122, U.P., INDIA.

ICAR-Central Institute for Research on Goats

Makhdoom, Mathura, Uttar Pradesh

Under the aegis of

Indian Society for Sheep and Goat Production and Utilization (ISSGPU)

National Seminar on

Nutrition-Health Synergy for Sustainable Small Ruminant Productivity

Date: 11th July 2025

Venue: Central Hall, ICAR-CIRG, Makhdoom

Introduction

India's small ruminant sector plays a pivotal role in securing rural livelihoods, nutrition, and income for millions of smallholder farmers. With over 148 million goats and 75 million sheep contributing 27% to total meat and 4% to total milk production of India. The sector is poised to address emerging challenges and opportunities under the vision of Viksit Bharat @2047. However, to unlock its full potential, an integrated focus on nutrition and health is critical.

This One-Day National Seminar, grounded in the recommendations of the recently developed strategic roadmap for India's sheep and goat sector, aims to explore innovative approaches to synchronize feeding systems, fodder security, and veterinary health for improving small ruminant productivity. As semi-intensive and intensive goat/sheep farming systems gain prominence, aligning scientific feeding practices with robust disease management becomes essential. The seminar will offer a platform for deliberations on advanced feeding strategies (such as TMR, CFB, and precision nutrition), disease control innovations, parasitic management, zoonotic risks, and climate-resilient farming approaches.

By bringing together experts, researchers, and stakeholders, the seminar strives to chart actionable pathways for transforming India's goat sector into a resilient, productive, and sustainable pillar of the livestock economy.

About the theme: Nutrition-Health Synergy for Sustainable Small Ruminant Productivity

Next-Gen Feeding Technologies and Fodder Solutions for a Sustainable and Profitable Goat Sector: Next-generation nutritional technologies are reshaping small ruminant productivity. Focus areas include Total Mixed Rations (TMR), Complete Feed Blocks (CFB), LIPLOP-to-HIPHOP models, and precision feeding. Emphasis will be placed on fodder security through multicut crops, feed banks, unconventional feed resources, and climate-resilient pasture systems. These innovations are vital for reducing input costs, enhancing efficiency, and ensuring year-round availability of quality nutrition.

Advancing Small Ruminant Health: Integrated Strategies for Disease Control, Diagnostic Innovation, and Field-Level Resilience: Robust veterinary infrastructure and proactive disease control are crucial for minimizing productivity losses. Discussions will span key health challenges like PPR, FMD, goatpox, parasitism, AMR, and zoonoses. The seminar will highlight integrated disease management, field diagnostics, metabolic disease control, and institutional mechanisms to build herd-level resilience.

This platform brings together experts, researchers, and stakeholders to co-create evidence-based solutions and catalyze actionable strategies for a resilient, productive, and health-nutrition aligned goat and sheep sector.

Seminar Objectives:

- To explore the integrated role of nutrition and animal health in accelerating small ruminant productivity, contributing to the vision of Viksit Bharat 2047.
- To highlight transformative innovations in feeding systems, fodder security, and veterinary healthcare for resilient and sustainable small ruminant sector.
- To facilitate collaborative dialogue among scientists, policymakers, and stakeholders for evidence-based strategies and impactful interventions.

Programme Schedule

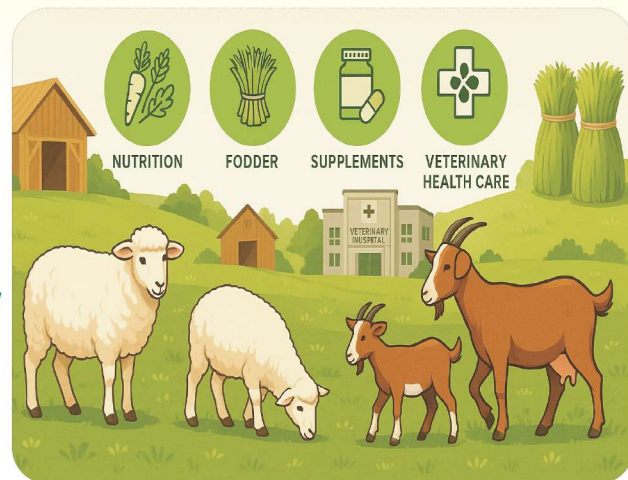
08:00–09:00 AM –

Breakfast and Registration

09:00–11:00 AM –

**Inaugural Session of National Seminar
on Nutrition –Health Synergy,**

Venue: Central Hall, ICAR-CIRG



- Welcome Address: Dr. Manish Kumar Chatli
Director, ICAR-CIRG & Vice President, ISSGPU
- Felicitation of Dignitaries
- Address by Chief Guest and Guest of Honour
- Vote of Thanks

11.00 AM – 11.30 AM: Tea Break

Technical Sessions

11.30 AM - 1.30 PM - Session I : Theme -Advancing Small Ruminant Health: Integrated Strategies for Disease Control, Diagnostic Innovation, and Field-Level Resilience

11.30 AM - 12.30 PM - Keynote address and lead presentations for small ruminant health

12.30-1.30PM -Panel Discussion on“Innovative Health Strategies for Disease Resilience and Veterinary Infrastructure in Small Ruminant Farming”

1.30 – 2.15 PM - Lunch

2.15 -5.00PM-Session II: Next-Gen Feeding Technologies and Fodder Solutions for a Sustainable and Profitable Small Ruminant Sector

2.15 PM - 4.00 PM- Keynote address and lead presentations for small ruminant nutrition

4.00-5.00PM Panel Discussion on “Transforming Small Ruminant Nutrition: Precision Strategies, Fodder Security, and Climate-Smart Feeding Systems”

Valedictory Session (05:00–05:30 PM)

- **Summary and Recommendations**
- **Vote of Thanks**
- **National Anthem**

07:00 PM – Cultural Programme
08:00 PM onwards – Dinner

Target Participants:

Scientists, Academicians, Policy Experts, Field Veterinarians, Nutritionists
Graduate Students, Industry Partners, and Progressive Farmers.

Organizing Team :

Convener : Dr. Manish Kumar Chatli, ICAR- CIRG

Organizing Secretaries: Dr. K Gururaj | Dr. Ravindra Kumar

Co-organizing Secretaries : Dr. Gopal Dass (Treasurer) | Dr. Arvind Kumar

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ravindra.srivastava@gmail.com

manishchatlilpt@gmail.com |

Registration fee

There is no registration fee for the participation in national seminar. The participants will have to bear their travel and accommodation expenses. The organizers will provide the wholesome meals during the seminar. The participants will have to confirm their participation by sending an email to issgpucon2025@gmail.com; ravindra.srivastava@gmail.com; guruvet@gmail.com, latest by 5th July 2025.

Who can participate?

Researchers, academicians, policy makers and students actively engaged in the work related with small ruminant's production system are welcome to participate in the national seminar.

Venue:

The seminar will be organized at ICAR-Central Institute for Research on Goats (CIRG), Makhdoom. The ICAR-CIRG is located 22 km away from Mathura and 35 Km from Agra on National Highway No.19 (Delhi-Agra Highway). It is very well connected by bus service from Agra and Mathura up to Farah town. Agra and Mathura are also well connected to different parts of the country by number of trains.

