

# ISSGPUCON 2025

National Conference of Indian Society for Sheep and Goat Production and Utilization (ISSGPUCON 2025)

"Transforming Small Ruminant Production: Empowering Precision Farming and Genomic Innovations for Enhanced Productivity and Sustainable Development"



**Conference Dates:**

March 05 - 07, 2025

**Venue:**

ICAR-Central Institute for Research on Goats (CIRG),  
Makhdoom, Mathura, Uttar Pradesh, India

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## About the theme: "Transforming Small Ruminant Production: Empowering Precision Farming and Genomic Innovations for Enhanced Productivity and sustainable Development"

In modern agriculture, innovative methods for small ruminant production are key for improving productivity and sustainability. Paradigm Shift from Traditional System of rearing to precision Farming. Precision livestock farming (PLF) leverages digital tools like automated feeding, health monitoring sensors, and data analytics, optimizing resource use, enhancing animal welfare, and reducing waste. These advancements are gaining traction worldwide, particularly in countries with developed livestock industries, and hold promise for supporting sustainable growth in developing regions.

Genomic selection further accelerates breeding by identifying traits like disease resistance and high fertility, helping create resilient breeds that adapt to climate challenges. Together, PLF and genomic tools offer a transformative approach to small ruminant production, fostering productivity, environmental sustainability, and food security.

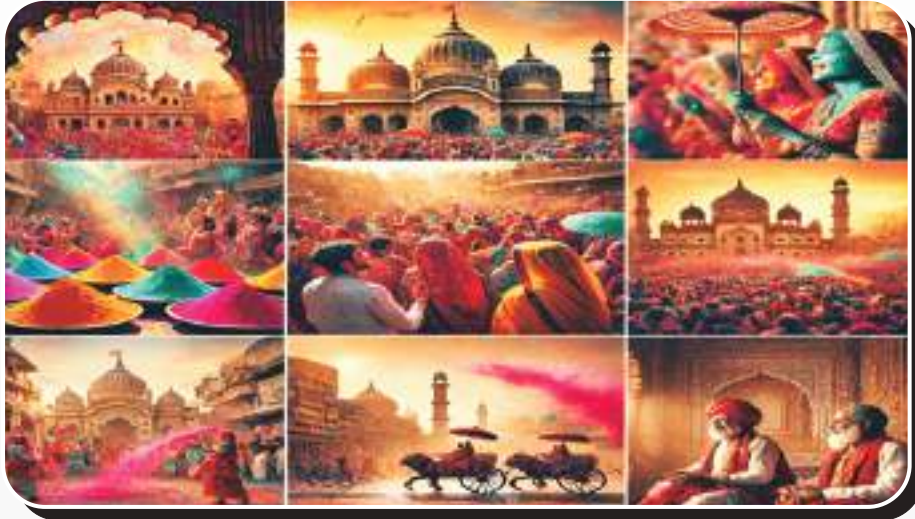
## About the venue: Brijbhoomi (Mathura and Vrindavan)

Brijbhoomi, encompassing Mathura and Vrindavan in Uttar Pradesh, is revered as the birthplace and playground of Lord Krishna. These cities are globally renowned for their spiritual and cultural heritage, drawing millions of devotees. Mathura, one of Hinduism's seven sacred cities, houses the Krishna Janmabhoomi Temple, marking Lord Krishna's birthplace, and celebrates festivals like Janmashtami with vibrant processions. Vrindavan, where Krishna's childhood pastimes unfolded, features temples like BankeBihari, PremMandir, and the ISKCON Temple, and is famous for its unique Holi celebrations. The region, rich in Krishna's legacy, remains a cherished spiritual destination.



## Holi

Holi in Barsana and Mathura is a vibrant celebration rooted in mythology and tradition. Barsana's famous "LathmarHoli" features playful stick fights, while Mathura, Lord Krishna's birthplace, hosts grand processions and colorful festivities. Devotees revel in music, dance, and gulal (colored powder), creating a lively, spiritual, and unforgettable experience.



## Agra

Agra, a historic city in Uttar Pradesh, India, is renowned for its architectural marvels and cultural heritage. The iconic TajMahal, a UNESCO World Heritage Site and symbol of eternal love, is its crowning jewel. Other attractions include Agra Fort, a majestic Mughal fortress, and FatehpurSikri, an ancient city of intricate design. The MehtabBagh offers serene views of the Taj, while bustling markets and local cuisine add charm to this timeless destination, captivating visitors from around the world.



## About the Host Institute

The Central Institute for Research on Goats (CIRG) in Makhdoom, Mathura, Uttar Pradesh, is a leading ICAR research institute established on July 12, 1979. CIRG focuses on enhancing goat productivity for meat, milk, and fiber through applied and fundamental research, promoting goats as vital for livelihood security, poverty alleviation, and employment among smallholders.

CIRG's achievements include developing high-yield goat breeds (Barbari, Jamunapari, and Jakhrana), genetic improvement programs, vaccines for diseases like Johne's disease, and the MeV for caprine enterotoxaemia. Diagnostic advancements include TaqMan® PCR assays for detecting brucellosis and other diseases. CIRG's nutritional research explores cost-effective feed formulations, including Moringa-based feeds, and tools for methane emission reduction and pregnancy detection. Innovations also cover specialized feeds (Methlow, Coccicheck), solar dryers, and enhanced goat milk products like cheese and yogurt. Other key areas of research include early pregnancy detection using pregnancy-associated glycoproteins (PAGs), the development of CRISPR-based techniques for producing goats with double muscle mass to enhance growth and productivity.

With a Quality Management System (QMS) ensuring high standards, CIRG engages in national and international training, consultancy for goat farm establishment, and community programs to support marginalized groups. Recent milestones include 12 patents, over 20 commercialized technologies, and partnerships with various institutions.

**How to reach? ICAR-Central Institute for Research on Goats (CIRG) is located at Makhdoom, Farah, Mathura, and is well-connected to major cities:**

**By Road:** The institute is accessible via NH19 from Mathura, Agra, and Delhi (165 km) and from Noida via the Yamuna Expressway (207 km). It is also connected to Lucknow via the Agra-Lucknow Expressway (373 km).

**By Rail:** The nearest railway stations are DeendayalDham (2 km), Mathura Junction (26 km), and Agra Cantt (36 km).

**By Air:** The closest domestic airport is Agra's Kheria Airport (40 km), while the nearest international airport is Indira Gandhi International (IGI) Airport in Delhi, 180 km away.

## Technical Sessions

**Session I:** *Precision Livestock Systems in Small Ruminant Production*

**Session II:** *Genomic Selection and OMICs for Climate-Resilient Productivity*

**Session III:** *Advances in Reproductive Physiology and Assisted Reproductive Technologies in Small Ruminants*

**Session IV:** *Optimizing Rumen Health and Innovative Feed Formulations*

**Session V:** *Advanced Diagnostics, Therapeutics, and Vaccines for Combating Infectious Diseases and Resistance in Small Ruminants*

**Session VI:** *Value Addition and Modern Packaging of Small Ruminant Products*

**Session VII:** *Socio-Economic Policies, Livelihood Upliftment, and Adoption of Innovative Technologies in Small Ruminant Production*

**Session VIII:** *Young Scientist Awards Session*

**Session IX:** *Industry-Farmer-Scientist Interface*

**Day 1: March 05, 2025**

**Inaugural Ceremony**

- Welcome Address

- Keynote Speech: "Transforming Small Ruminant Production through Genomic and Technological Innovations"

- Inauguration of Exhibition

Sessions I to IV

**Day 2: March 06, 2025**

Session V to VII

**Day 3: March 07, 2025**

Sessions VIII and IX

**Valedictory Ceremony: 1.00 PM**

- Summary of Conference Proceedings

- Feedback and Suggestions

- Award and Certificate Distribution

- Closing Remarks

- Vote of Thanks

- End of the event

## ISSGPUCON-2025 Team

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## Registration and Submission Deadlines

**Abstract Submission: Feb 01, 2025**

Please send your abstracts and Lead papers to [issgpucon2025@gmail.com](mailto:issgpucon2025@gmail.com)

Abstracts should not exceed 250 words and must include 4 keywords. The title should be followed by the authors' names, with superscripts indicating their addresses. The email address and mobile number of the first author or corresponding author should also be provided. The entire text should be written in Times New Roman font, with a font size of 12.

## Registration Fee

Delegate category	Tariff
ISSGPU Members	Rs. 8000
Non-ISSGPU Members	Rs. 8500
Accompanying members	Rs. 4000
Students (Member)	Rs. 3000
Students (Non-member)	Rs. 3500
Foreign delegates	\$ 350

### Account details

Name of Bank: Punjab National Bank  
Branch: Farah, Distt. Mathura, U.P.  
Current Account No. 4853002100002889  
IFSC Code: PUNB0485300  
MICR Code: 281024053



**07.03.2025 - Industry Farmer Scientist Interface - Stakeholders' meeting**

**Session registration fee Rs.1500/ Farmer participant** (Charges for one session only)



For more information, please visit [www.issgpu.org](http://www.issgpu.org) or contact the organizing committee at

[issgpucon2025@gmail.com](mailto:issgpucon2025@gmail.com)

**We look forward to welcoming you to ISSGPUCON 2025 at ICAR-CIRG, Makhdoom, Mathura!**