



**TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY**  
CHENNAI - 600051



International Conference on

# **SMALL HOLDERS' GOAT PRODUCTION IN TROPICAL COUNTRIES – OPPORTUNITIES AND CONSTRAINTS**

Venue

**Post Graduate Research Institute in Animal Sciences**

Kattupakkam - 603 203, Chennai, Tamil Nadu, INDIA

**08 - 09**  
August 2024



**2024**

# ABOUT THE CONFERENCE >>

Goat farming is often associated with small holders and subsistence farming systems but it contributes significantly to the nutrition and wellbeing of rural populations in many developing countries, especially in Asian and African continents. Most of the world goat production and consumption is in Asia, but a global view of the meat and dairy goat sector reveals important lessons about building successful modern goat farming to industry levels. Goats have shorter generation interval, higher prolificacy rate, wider marketability and the small scale goat farming contributes to the rural economy.

In order to reinforce traditional meat production systems in the tropics, existing breeding procedures for goats needs to be improved. Against this backdrop, the International Conference on Goat Production has been planned to provide a platform for scientists, researchers, students, goat entrepreneurs, management personnel, extension workers, planners, decision makers, and other stakeholders from all over the world to share expertise and experiences, as well as discuss issues and concerns about traditional goat production, feeding, and economics.

Furthermore, the purpose of this conference is to propose strategies for overcoming obstacles in rural goat production in order to increase employment and nutritional security. This conference will also provide scientists and technocrats with cutting-edge research opportunities to supplement rural goat production while addressing socio-economic challenges.





# FOCUS AREA

## GOAT PRODUCTION SYSTEMS

- ▶▶ History and evolution of goat production systems
- ▶▶ Goat production and management systems in the tropics and elsewhere
- ▶▶ Challenges and opportunities in tropical goat production system
- ▶▶ Constraint analysis in goat production systems
- ▶▶ Production systems for fibre and hide

## GOAT GENETICS AND BREEDING

- ▶▶ Genetic resources: breeds, status, adaptability and conservation
- ▶▶ Genetic improvement in goat meat production
- ▶▶ Genetic improvement in goat milk production
- ▶▶ Goats in the era of genomics and phenomics
- ▶▶ Status of whole genomic selection in goat breeding

## NUTRITION AND FEEDING STRATEGIES

- ▶▶ Goat feeding preferences
- ▶▶ Feed and fodder resources for feeding goats
- ▶▶ Technology, computation of ration and economics of feed and feed supplements
- ▶▶ Nutrigenomics
- ▶▶ Emerging technologies for nutritional evaluation and precision feeding
- ▶▶ Novel tree fodder for goat production
- ▶▶ Agro-forestry and grazing management for goats
- ▶▶ Nutraceuticals and functional feeds for goats





## DISEASE AND HEALTH MANAGEMENT

- » Emerging diseases of goats in the tropics
- » Epidemiology, prevalence, prediction and forecast of goat diseases
- » Economics and evaluation of risk and loss due to goat diseases
- » Helminth and parasite control in goats with special reference to anthelmintic resistance
- » Ethnoveterinary practices in goat medicine

## REPRODUCTION IN GOATS

- » Assisted reproductive technology in goats
- » Artificial insemination: status, scope and challenges
- » Biotechnological aspects of goat production

## UTILITY OF GOAT REARING: PRODUCTS, MARKETING AND EXTENSION

- » Economics, value chain, demand and supply, marketing and export opportunities for goat production systems
- » Composition, nutritional value, value addition and preferences for goat milk and milk products
- » Composition, nutritional value, value addition and preferences for chevon and related meat products
- » Technology transfer with special reference to goat production systems
- » Expert systems in goat production

## GOATS AND SUSTAINABLE DEVELOPMENT

- » Socio-economic bearing of goat husbandry with special reference to the tropics
- » Role of goats in climate change, greenhouse gas emission and global warming
- » Goats and forests: ecology, deforestation and effect of grazing
- » Organic chevon production: status, feasibility and way forward
- » Climate resilient goat production systems

## MISCELLANEOUS THEMES

- » Goat as a laboratory animal and welfare of goats
- » Traditional knowledge on goats
- » Government policies and legal considerations related to goats
- » Artificial intelligence : smart goat farming
- » Goat species in the wild
- » Innovation in mechanisation of goat husbandry





The Tamil Nadu Veterinary and Animal Sciences University, popularly known as ‘**TANUVAS**’, blossomed as **the First Veterinary University of the country on 20.09.1989**. The seed for the establishment and growth of TANUVAS was sown as early as 1876, when the Madras Veterinary College was started as an Agricultural School in Chennai to offer diploma and certificate course in the field of Veterinary and Animal Sciences. The institute attained the status of a college on 01.10.1903, and started functioning at Dobbin Hall, Chennai with 20 students admitted for a three-year diploma course called GMVC (Graduate of Madras Veterinary College). TANUVAS right now includes seven Veterinary College and Research Institutes, a College of Food and Dairy Technology, a College of Poultry Production and Management, 12 Research Farms, 15 Laboratories and diagnostic centers, 20 Veterinary University Training and Research Centers, three Farmers’ Training centers, and four Krishi Vigyan Kendras.

The conference venue, Post Graduate Research Institute in Animal Sciences, Kattupakkam (PGRIAS) is situated 40 km south of Chennai city on Grand Southern Trunk Road, Tamil Nadu, India. The institute started as a sheep farm in the year 1957 spread over an area of 616.72 acres has a unique multi-species farm with sheep, goat, dairy, piggery, poultry, rabbits among others. The Institute of Animal Nutrition, Krishi Vigyan Kendra and Agricultural Technology Information Centre are also stationed within the farm campus. The central feed technology unit in the campus formulates over 20 types of feed and is a major producer of livestock feed. The agro-forestry models, feed supplement manufacturing units, extension training centres in the campus makes it a comprehensive and ideal location filled with varied livestock and animal husbandry activities. Through the ICAR-Network Project on Sheep Improvement and All India Coordinated Research Projects on Pig and Agro-forestry the Institute has a strong link with farmers in the surrounding districts. The Institute acts as an instructional farm to the UG intern students of Constituent Colleges of TANUVAS. This farm also facilitates the conduct of various research activities of PG Students and external funded research schemes.

PGRIAS has excellent air, rail and road connectivity. The airport is located 20 km away and easily accessible via the Grand Southern Trunk Road.



# REGISTRATION

## REGISTRATION FEE

Categories	Indian (INR)	Other Countries (USD)
Delegates	4000	USD 50
Research scholar/student	2000	USD 25
Corporate and Industries	6000	USD 75
Accompanying person	2000	USD 25

## PAPER SUBMISSION GUIDELINES

Participants who wish to present papers (oral or poster) in the conference are required to submit a one-page abstract before July 15, 2024. Each research abstract should comprise of about 800 words with a Title, Author's name and Affiliation, Email address of corresponding author, main content and Keywords. Invited papers should be not more than four pages inclusive of tables and figures. All the scientific papers submitted by the participants intending for oral or poster presentation will be peer reviewed by a Scientific Committee and the accepted papers will be published in the conference proceedings. Please visit website for the format and other details.

A maximum of two papers is allowed for each registered participant.

Last date for abstract submission	15.07.2024
Intimation of abstract status	18.07.2024
Booking of accommodation	20.07.2024
Conference dates	08.08.2024 & 09.08.2024

## TRAVEL AND ACCOMMODATION

Chennai is well-connected via road, rail and air. The Chennai airport is located approximately 20 kilometers away and is accessible via metro, suburban trains, and taxis. Accommodations can be arranged at adjacent hotels upon request. Tariff prices for double occupancy range from Rs.1500 to 7500 + taxes. Reservations for rooms should be made in advance to ensure confirmation.

## REGISTRATION AND PAYMENT

A/c name            Meenakshi Sundaram S  
M/S Organising secretary  
and  
DCAPS, TANUVAS,  
Chennai - 51

Account No        332902010737361

Bank name        Union Bank of India,  
and branch        Moolakadai  
Madhavaram branch

IFSC code         UBIN0533297







Vedanthangal  
Bird Sanctuary



Marina Beach



Kancheepuram Temple



Santhome Church

## PLACES OF INTEREST

Mamallapuram



# ORGANIZING COMMITTEE

Chief Patron



**Dr. K.N. Selvakumar**  
Vice-Chancellor  
TANUVAS, Chennai

Organizing Secretary



**Dr. S. Meenakshi Sundaram**  
Director, Centre for Animal  
Production Studies  
TANUVAS, Chennai

Convenor



**Dr. P. Tensingh Gnanaraj**  
Registrar  
TANUVAS, Chennai

Co-organizing Secretaries



**Dr. D. Balasubramanyam**  
Professor and Head  
Post Graduate Research Institute in Animal Sciences  
Kattupakkam, Chengalpattu



**Dr. A.K. Thiruvankadan**  
Professor and Head  
Dept. of Animal Genetics and Breeding  
VC&RI, Namakkal

## CORRESPONDENCE

**Dr. S. MEENAKSHI SUNDARAM, Ph.D.,**  
Director,  
Centre for Animal Production Studies,  
Tamil Nadu Veterinary and Animal Sciences University,  
Madhavaram Milk Colony, Chennai 600 051, Tamil nadu, India  
Phone Dir : +91-44-2555 5386; EPBX : +91-44-2555 1586/ 87  
Mob.: +91-94447 39475; Fax:+91-44-2555 5386  
Email: dcaps@tanuvas.org.in

**Dr. D. BALASUBRAMANYAM, Ph.D.,**  
Mob : +91 94440 22474  
Email : dbsagb@yahoo.com

**Dr. A.K. THIRUVANKADAN, Ph.D.,**  
Mob : +91-94435 65565 / +91-88383 22680  
Email : drthirusiva@gmail.com  
thiruvankadan.a.k@tanuvas.ac.in

**Conference Email: [goatconference2024@gmail.com](mailto:goatconference2024@gmail.com)**