



National Workshop 2024

On

Strategies for processing and efficient utilization of
livestock byproducts for environmental sustainability

15 MARCH, 2024 IN HYBRID MODE



Jointly Organized By

Division of Livestock Products Technology

ICAR-Indian Veterinary Research Institute
(Deemed University) Izatnagar, Bareilly (UP), India

&

Indian Meat Science Association (IMSA)

Hyderabad, India

BACKGROUND INFORMATION

In recent years, there has been a marked increase in the global consumption of animal-based foods, with projections indicating that India's demand for such foods may be more than double by 2030. Consequently, production and processing have escalated to meet consumer needs. However, sustainability remains a significant concern, primarily due to the suboptimal use of livestock byproducts and associated waste. The burgeoning population necessitates an increased demand for food animal sources intensifying the search for alternative sustainability. One such strategy is the valorization of livestock byproducts, transforming them into valuable resources. Utilizing livestock byproducts effectively can be carbon-neutral compared to conventional disposal methods, aiding in the reduction of greenhouse gas emissions and mitigating climate change. This utilization not only impacts environmental sustainability positively but also substantially contributes to the national GDP. Estimates suggest that the value of raw byproducts can represent 10-20% of an animal's total value, whereas the revenue from processed byproducts could equate to the value of the primary products derived from the animal.



In response to declining traditional markets and health concerns impacting the valuation of livestock byproducts, the Division of Livestock Products Technology, alongside the Indian Meat Science Association (IMSA), Hyderabad, is orchestrating a National Workshop titled **"Strategies for processing and efficient utilization of livestock byproducts for environmental sustainability"**. This assembly will critically examine and propose novel processing approaches prioritizing environmental sustainability. An extensive 'Policy Document' will be drafted following the workshop to consolidate modern, eco-conscious processing techniques for livestock byproducts. The document will be refined with contributions from authoritative attendees and stakeholders, ensuring that it is a robust policy framework to guide the nation's future strategies in sustainable byproduct processing.

MAJOR TOPICS TO BE COVERED

The proposed National Workshop will include presentations on key issues in developing sustainable strategies from concept to practice and interaction with the stakeholders for inputs.

- Environmental vulnerability and meat industry byproducts, and co-products.
- Overview of sustainable livestock byproducts utilization strategies.
- Slaughterhouse byproducts and human health impact.
 - Modern technological interventions for sustainable livestock byproducts processing.
 - Strategies for carbon neutral efficient waste disposal.
 - Energy efficient technology for waste management.
 - Reduce, reuse and recycle-An alternative waste management.

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