

# **Seminar on**

**“Application of Artificial Intelligence (AI)  
& Machine Learning (ML) in Veterinary  
Medicine: Current and Future  
Perspective”**

**5th February, 2026  
(Thursday)**



**Organized by**

**Department of Veterinary Medicine  
College of Veterinary Sciences**

**Lala Lajpat Rai University of Veterinary and Animal Sciences  
Hisar, Haryana**

## **Background & Rationale**

In India, and particularly in Haryana, the livestock sector plays a crucial role in rural livelihood, food security, and the state economy. However, challenges such as emerging diseases, antimicrobial resistance, productivity gaps, shortage of skilled manpower, and the need for data-driven decision-making demand innovative technological solutions.

Artificial Intelligence (AI) and machine learning (ML) offer immense potential to address these challenges by improving efficiency, accuracy, and sustainability of veterinary services and research. AI and ML are rapidly transforming healthcare and biomedical sciences worldwide. Veterinary medicine is no exception, with AI-driven applications emerging in disease diagnosis, imaging, herd health management, epidemiological surveillance, genomics, precision livestock farming, drug discovery, and decision-support systems.

The one-day seminar holds significance as it will sensitize students, research workers, and veterinarians to modern AI and ML tools applicable to veterinary medicine particularly in diagnostics, research, and field practice. The seminar will be a mode to bridge the knowledge gap between conventional veterinary practices and emerging digital innovations. In addition, exposure to AI and ML will encourage interdisciplinary research, data analytics-based studies, and collaborative projects with engineering, data science, and biotechnology domains.

**Registration Fee:** On spot free registration

### **Who can attend**

-Faculty, researchers and students of any state university, college and private organizations.

## Keynote Lectures

### “AI driven transformations in Veterinary Diagnostics”

**Dr. Devanjali Relan**  
Associate Dean, Faculty Affairs  
Head, Department of Computer Science and Engineering  
BML University, Gurugram, Haryana

### “Deep learning for retinal image analysis: translating ocular biomarkers from human research to Veterinary Medicine”

**Dr. Monika Moka**  
Assistant Professor  
Department of Computer Science and Engineering  
BML University, Gurugram, Haryana

## Schedule

9.30 -10.00 am : Registration  
10.00- 10.30 am: Inauguration Function  
10.30- 11.00 am : Elevenses  
11.00 am- 12.00 noon: Lecture by Dr. Devanjali Relan  
12.00 noon -01.00 pm : Lecture by Dr.Gaurav Charaya  
01.00 - 02.00 pm: Lunch  
02.00 - 03.00 pm: Lecture by Dr. Monika Moka  
03.00 - 4.00 pm: Brainstorming session  
04.00 - 4.30 pm: Valedictory function

## Organizing Committee

**Dr. M. K. Rose**  
Dean COVS  
(Chairman)

**Dr.Divya Agnihotri**  
(Organising Secretary)

**Dr.Gaurav Charaya**  
(Co-organising Secretary)

**Dr Ricky Jhambh**  
(Seminar Co-ordinator)

**Dr.Praveen Kumar**  
(Seminar Co-ordinator)

**For any query please contact**  
**Dr. Divya Agnihotri, Associate Prof. & Head**  
**Dept. of Veterinary Medicine**  
**hod.vmd@luvas.edu.in**  
**8398051249**