



## About NDRI

The National Dairy Research Institute as country's premier Dairy Research institution has developed considerable expertise over the last five decades in different areas of Dairy Production, Processing, Management and Human Resource Development. Being the National Institute, it conducts basic and applied research with the objective to enhance animal productivity and also to develop cost effective technologies for the benefit of the teeming millions. The Institute is continuously working to develop its R&D and HRD programmes to better serve the nation in terms of food security, employment generation, poverty alleviation and economic prosperity

## About the workshop

The Anusandhan National Research Foundation (ANRF) (erstwhile SERB), Govt. of India, initiated the Scientific Social Responsibility (SSR) Policy to imbibe a culture of social commitment among ANRF Grantees. This workshop will introduce participants to data analysis, machine learning, and offer insights into how these technologies can optimize agricultural productivity. It will cover key concepts including Concepts of Artificial Intelligence, machine learning and deep learning, including data preprocessing, feature extraction.

### Workshop contents:

- Introduction to big data in animal Science.
- Concepts of machine learning and deep learning.
- Precision livestock farming.
- Interactive sessions for data analysis using machine learning tools.

## Schedule



October 25, 2024



9:00 AM – 04:00 PM



Animal Biotechnology Division  
ICAR-NDRI, Karnal

*The detailed schedule will be shared with the participants upon selection.*



## One-Day Workshop

on

# Applications of Big Data in Animal Science: Advances and Insights

Sponsored by ANRF (erstwhile SERB) under SRG Scheme



Organized by

ICAR- National Dairy Research Institute

Karnal- 132001 (Haryana) INDIA

[www.ndri.res.in](http://www.ndri.res.in)

## Registration Details

**Eligibility:** To be open to Faculty, Ph.D., Postgraduate (PG) students, as well as Senior Research Fellows (SRFs) and Junior Research Fellows (JRFs) of nearby colleges.

*Selected participants will be notified via email by October 23, 2024.*

### Online Registration Link:

Resister & apply online via  
<https://forms.gle/NnLY6r1ypyhX6Rn17> or  
scan QR code



**Application Deadline:** October 22, 2024

**Registration Fee:** NIL



### Kindly note:

- Seats are limited, and registration will be confirmed on first come first serve basis, with preference to faculties whose research interests align with the theme of the workshop.
- The Workshop will be held in OFFLINE MODE.
- No TA will be provided to the participants.

*Certificates will be provided to all the participants at the end of the workshop.*

### All correspondence should be addressed to:

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Scientist, Animal Biotechnology Division  
ICAR-NDRI, Karnal

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*For queries, kindly contact us at +91 9560421766 or  
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