

3 Days Workshop

on

**Next Generation Sequencing and
Machine Learning in
Bioinformatics**

sponsored by DBT

(12th January - 14th January, 2026)

Organised By

**Bioinformatics Center
School of Agricultural
Biotechnology,**

**Punjab Agricultural University,
Ludhiana- 141004 (Punjab)**

Register Here

Scan me!



About Bioinformatics Center

The Bioinformatics Centre at the School of Agricultural Biotechnology, PAU Ludhiana, is a key facility supporting genomics and computational research. Center is involved in teaching and research activities involving next generation sequencing data analysis, genome-wide association studies, transcriptomics, developing molecular markers and databases to support crop improvement. Center provides hands-on training to students, and researchers strengthening human resources development.

Course Content

- NGS Technologies and Data Analysis Workflow
- Transcriptome (RNA-Seq) Data Processing & Interpretation
- Machine Learning Basics for Bioinformatics
- ML Applications in Genomics & Transcriptomics
- Bio-Image Processing & Analysis
- Recent Advances in AI, NGS & Multi-omics Integration

Important Dates

Last date of Registration: 30th December, 2025

Intimation of selection: 06th January, 2026

Registration fee

Interested participants should email their complete application form to training.bic.pau@gmail.com.

Selected candidates will be notified by January 06, 2026.

Upon selection, a registration fee of ₹1,000 must be submitted via Demand Draft, drawn in favor of the **Comptroller, Punjab Agricultural University, Ludhiana**.

*Registration fee is to be paid only after selection.

Who can Participate

Students B.Sc./ B.Tech/ M.Sc./ M.Tech., Research Scholars JRF/ SRF/ RA, PhD students, company personnel, and scientists.

Participants must bring their Laptops for the hands-on session.

Number of Seats: 20

Free accommodation will be provided to a limited number of selected candidates.

Contact Us:

Dr. Inderjit Singh Yadav

Bioinformatician

Email: training.bic.pau@gmail.com

Phone: +91-8437649747