

**3 Days Workshop**  
**on**  
**Next Generation Sequencing and**  
**Machine Learning in**  
**Bioinformatics**  
**sponsored by DBT**  
**(12<sup>th</sup> January - 14<sup>th</sup> January, 2026)**

**Organised By**  
**Bioinformatics Center**  
**School of Agricultural**  
**Biotechnology,**  
**Punjab Agricultural University,**  
**Ludhiana- 141004 (Punjab)**

**Register Here**

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**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: 30<sup>th</sup> December, 2025

Intimation of selection: 06<sup>th</sup> January,2026

**Registration fee**

Interested participants should email their complete application form to [training.bic.pau@gmail.com](mailto: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**

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