Workshop on Bioinformatics for Agri-Tech Innovations to be held from 07-11 Dec. 2026



IARI-Pusa Krishi is organizing a five-day hands-on workshop titled "Bioinformatics for Agri-Tech Innovations: A Hands-On Workshop" from 07–11 December, 2026. The workshop is designed to strengthen technical capacity in modern bioinformatics tools and computational workflows for applications in agricultural genomics, crop improvement, molecular breeding, precision agriculture and Agri-Tech innovation. Participants will gain practical experience through expert lectures, hands on sessions, real genomic datasets, case studies and project-based learning.

Specific Objectives

•To familiarize participants with the basic principles and concepts of genome analysis and bioinformatics.
•To provide hands-on training in Linux-based computational workflows and genomics pipelines.
•To demonstrate techniques for analyzing high-throughput agricultural genomic data.
•To understand the application of bioinformatics in precision breeding and crop improvement.
•To equip participants with biological data interpretation and effective visualization skills.
•To explore practical Agri-Tech applications and research innovation translation.

Outcomes of Training

At the end of the training programme, participants will be able to:
•Develop practical skills in genome analysis and bioinformatics.
•Perform genomic data analysis using Linux-based computational workflows.
•Interpret and visualize complex biological data effectively.
•Apply bioinformatics tools to agricultural genomics, precision breeding, and Agri-Tech research.
•Address and troubleshoot computational challenges in genomic workflows.
•Understand the integration of bioinformatics with molecular breeding and agricultural innovation.

Course Administration

•Course Director: Dr. Akriti Sharma | CEO, Pusa Krishi, ZTM & BPD Unit, ICAR–Indian Agricultural Research Institute (ICAR–IARI), New Delhi–110012
•Course Coordinator: Dr. Ashish Gautam | Incubation Manager, Pusa Krishi, ZTM & BPD Unit, ICAR–Indian Agricultural Research Institute (ICAR–IARI), New Delhi–110012

Who can apply?
Students, Research Scholars, Faculty Members, Scientists, Biotechnology Professionals, Startup Founders, Entrepreneurs, Industry Professionals, and other applicants interested in bioinformatics, genomics and agricultural biotechnology

Link for Registration: https://pusakrishi.in/

Programme Details

Date & Duration	07–11 December, 2026 (5 Days)
Mode & Venue	Offline | ZTM & BPD Unit, ICAR–Indian Agricultural Research Institute (ICAR–IARI), Pusa Campus, New Delhi–110012
Number of Seats	30 seats (allotted strictly on a first-come, first-served basis)
Registration Fee	₹4,000 per participant (Inclusive of training materials, stationery, tea/refreshments, and working lunch)
Official Registration Portal	https://pusakrishi.in/

Payment Details

Bank Name	**Canara Bank**
Account Holder Name	Pusa Taksay Society
Account Number	120000469441
Account Type	Current
IFSC Code	CNRB0019029

Note: Registration will be confirmed only after successful receipt of the prescribed registration fee.

Points to Note

- **Offline Mode:** The workshop will be conducted strictly in offline mode at ICAR-IARI, New Delhi.
- **Limited Seats:** Only 30 seats are available and will be allotted strictly on a first-come, first-served basis.
- The registration fee is non-refundable once paid.
- Accommodation at IARI, Pusa is currently not available.
- Boarding, lodging and TA/DA will not be provided to any candidate.
- Participants are requested to enter their names carefully during registration, as the name will appear on the certificate exactly as provided and cannot be altered subsequently.

Contact & Inquiries

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