

Five-day Workshop on “Bioinformatics for Agri-Tech Innovations” Concludes Successfully



A five-day training program on **“Bioinformatics for Agri-Tech Innovations: A Hands-on Workshop”** was conducted from 17-21 August 2026 at the ZTM & BPD Unit, ICAR-IARI, New Delhi. The workshop aimed to enhance participants’ knowledge and technical competencies in bioinformatics, computational biology, and their applications in agricultural genomics and Agri-Tech innovation.

The inaugural session on 17 August 2026 was graced by Dr. Akriti Sharma, Course Director, In-charge, ZTM & BPD Unit and CEO, IARI-Pusa Krishi. The program is being coordinated by Dr. Ashish Gautam, Course Coordinator and Incubation Manager, IARI-Pusa Krishi. Technical sessions were delivered by various resource persons and domain experts, including Mr. Kapil Ravi, Founder Director and Dr. Himani Kaushik, Chief Scientific Officer, Compute Genomics Private Limited.



The workshop has attracted 30 participants, comprising undergraduate and postgraduate students, Ph.D. scholars, researchers, scientists and young professionals from diverse disciplines including bioinformatics, genomics, molecular biology, biotechnology, genetics and plant breeding, plant physiology and allied fields.

It included expert lectures with hands-on sessions covering genome analysis, Linux-based computational workflows, genomic data analysis, variant calling, comparative genomics, biological

data visualization and the application of bioinformatics tools in precision breeding and emerging Agri-Tech domains. The workshop strengthened participants' analytical and computational capabilities and facilitate the adoption of data-driven approaches for advancing agricultural research, innovation and technology development.



The workshop concluded with a valedictory session on 21 August 2026, graced by Dr. P. S. Brahmanand, Project Director, Water Technology Centre, ICAR-IARI as the Chief Guest. During the session, participants shared their experiences and provided valuable feedback, highlighting the practical learning gained through the hands-on training and its relevance to agricultural research and Agri-Tech innovation.

