



Integral Institute of Agricultural Science & Technology (IIAST) Integral University, Lucknow

Report on Interactive Session

On March 12, 2022, students and faculty from the Department of Agriculture at Integral University had the privilege of interacting with Prof. Nazir Ah. Ganai, Vice Chancellor, Sher-e-Kashmir University of Agriculture Sciences and Technology, Srinagar, Jammu and Kashmir

Prof. Nazir Ah. Ganai, delivered an enlightening and highly engaging interactive session on the advancements and applications of bioinformatics. Prof. Ganai commenced his discourse by emphasizing the pivotal role of bioinformatics in modern biological research, particularly its impact on agricultural sciences. He highlighted the integration of computational tools and biological data to address complex biological questions, thereby fostering innovations in crop improvement, pest management, and sustainable agriculture practices. He elaborated on the university's cutting-edge research projects, including genome sequencing and genetic mapping of locally important crops, which aim to enhance crop resilience and productivity. He underscored the importance of interdisciplinary collaboration, urging students and researchers to amalgamate their expertise in biology, computer science, and statistics to push the frontiers of agricultural research. Throughout the session, Prof. Ganai adeptly answered questions from the students, discussing real-world applications such as bioinformatics-driven precision farming and the development of bioinformatics tools tailored for the unique agricultural challenges of the Kashmir region. His visionary insights not only illuminated the current state of bioinformatics but also inspired the audience to harness its potential in addressing pressing agricultural issues, thus ensuring food security and sustainability for future generations. The session concluded with a call to action for increased investment in bioinformatics education and research, positioning it as a cornerstone for the future of agricultural innovation.

The expert speaker meticulously addressed each query from the attendees, thoroughly clarifying all doubts. The session was met with enthusiasm, as the content was highly informative and directly applicable to the challenges faced in plant breeding programs. The event concluded with a warm vote of thanks, underscoring the value of the insights shared. It was clear that the program received strong support from all Department members, reflecting a collective commitment to advancing agricultural knowledge and practices.



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Glimpse

