

## Next Generation Sequencing and Data Analysis: Online Training concludes at ICAR-NAARM

20-10-2023

The online Training Programme on “Next Generation Sequencing and Data Analysis” (NGS) organized by ICAR-National Academy of Agricultural Research Management, Hyderabad from 16<sup>th</sup> to 20<sup>th</sup> October, 2023 concluded today. A staggering 97 participants including 40 women participants representing 27 research disciplines from 36 ICAR Institutions, 14 Agricultural Universities and 3 private organizations participated in the programme.

The programme provided the participants an insight about the enormous potential and application of NGS. During the virtual training, the participants were provided with theory and hands-on practical sessions on various bioinformatics softwares and tools such as Linux, Python, R related to the emerging requirements of NGS. This programme laid the foundation and equipped the participants with the necessary skillset to analyze NGS data independently.

In his inaugural Address Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM, Hyderabad highlighted the importance of bioinformatics for undertaking frontier research in NGS such as transcriptomics, proteomics, genomics and metabolomics called upon the participants to undertake innovative and collaborative research to improve agricultural productivity.

In his valedictory address, Dr. G. Venkateshwarlu, Joint Director, ICAR-NAARM emphasized on the significance of collaboration and the energy that arises from synergy. He encouraged participants to work together across disciplines and institutions to unlock the full potential of NGS technologies. He envisaged the setting up of cloud servers at NAARM to empower researchers and scientists regardless of their backgrounds or locations to contribute to cutting-edge research and innovation. The program was coordinated by Dr.M.Balakrishnan.

