

**Online Training Programme on
“Metagenomic Data Analysis”
at ICAR-IASRI, New Delhi from October 18-21st , 2022**

Four days online training programme on “**Metagenomics Data Analysis**” was organized from October 18-21, 2022 by the Institute under the aegis of ICAR Consortium Research Platform on Genomics for scientific, technical and contractual research personnel working in NARES. This training has been formulated with the objectives to deliver the concepts of metagenomics data analysis using bioinformatics tools and techniques and to illustrate the above through lectures, demonstrations and hands on sessions. This program was designed and conducted for scientific, technical and contractual staff (Research Associate/ Senior Research Fellow/ Junior Research Fellow/ Young Professional etc.) working in various operational research projects in National Agricultural Research and Education System (NARES). In all, we received 45 applications. We selected 34 participants for the training and 33 participants attended the program in which there were 17 males and 16 females. There were 23 from Scientific Community (14 Scientist, 7 Senior Scientist, 1 Principal Scientist) 4 technical staff and remaining 7 contractual research staff (Young Professionals, Junior Research Fellows, Senior Research Fellows, Ph.D. Scholars and others) from various ICAR institutes and universities. In this training programme, lectures related to broad theme on (1) Introduction on Metagenomics and Meta transcriptomics (2) Metagenomics Marker Gene Databases (3) Metagenomics Assembly and Quality Control (4) Statistical issues and challenges on Analysis of Metagenomics Data, (5) Analysis and Functional Annotation of Metagenomics Data (6) Simulation and Visualization of Metagenomics, were included.



Fig. : Snapshot of Training Programme on “Metagenomics Data Analysis” from October 18-21, 2022