



# ONLINE TRAINING ON METAGENOMICS DATA ANALYSIS

**December 11-13, 2023**

## Sponsoring Project

### ICAR-Consortium Research Platform on Genomics

Recent years have seen a remarkable increase in number of metagenome sequenced in line with improvements in high-throughput DNA sequencing technologies. Metagenomics applies a suite of genomic technologies and bioinformatics tools to directly access the genetic content of entire communities of organisms. It is also known as environmental genomics, eco-genomics or community genomics.

**Modules of the Course:** Metagenome quality and quantity check, Sequencing technologies and platforms, Bioinformatics tools for processing of metagenome sequences for taxonomic and functional analysis and annotation, Metagenome binning tools, Simulation and visualization of metagenomics data.

### Course Director:

Dr. Girish Kumar Jha, Head (DABin), girish.jha@icar.gov.in

### Course Coordinators:

Dr. Anu Sharma, Principal Scientist, anu.sharma@icar.gov.in

Dr. Samir Farooqi, Senior Scientist, ms.farooqi@icar.gov.in

Dr. Sneha Murmu, Scientist, sneha.murmu@icar.gov.in

### Objectives:

- To impart the concepts of metagenomics data analysis using bioinformatics tools and techniques.
- To illustrate the above through lectures, demonstrations and hands on sessions.

**Eligibility:** Scientific/  
Technical/ Contractual /  
Research Staff working in  
NARES



Dr. Rajender Parsad,  
Director,  
ICAR-IASRI, New Delhi-12  
Phone: 011-25841479  
Email:  
director.iasri@icar.gov.in

For Applying

See details at:

<https://uat.auams.in/API/Content/UploadContent/638357359061139584.pdf>

**Application Submission Deadline : December 05, 2023**