

## Registration Form

Workshop on “Metagenomics in Fisheries Research”

1-2 December, 2018

1. Full name:.....
2. Designation:.....
3. Address of Correspondence:.....  
.....
4. E-mail ID .....
5. Research Experience .....
6. Highest qualification .....
6. Reason to attend the workshop:

Date

Signature of Applicant

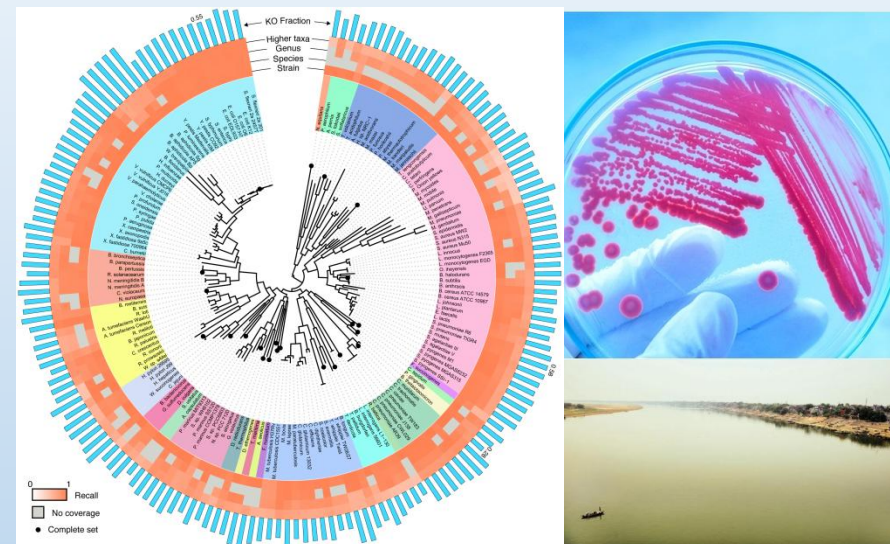
### Registration fee

Scientist/ Asst. Prof and above  
Students / Research Scholar

Rs. 2,000/-  
Rs. 1,000/-



## Workshop on “Metagenomics in Fisheries Research” 1-2 December, 2018



Organised by

Inland Fisheries Society of India, Barrackpore

ICAR-Central Inland Fisheries Research Institute, Barrackpore

ICAR-Indian Agricultural Statistical Research Institute, New Delhi



## Overview

Inland Fisheries Society of India, Barrackpore, ICAR-Central Inland Fisheries Research Institute, Barrackpore and ICAR- Indian Agricultural Statistical Research Institute, New Delhi are organizing a workshop on “Metagenomics in Fisheries Research” on 1-2 December, 2018 at ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120. We cordially invite you to participate in the workshop to make it a grand success.

This workshop will cover the use of publicly available resources to manage, share, analyse and interpret NGS data in the various fields of microbial community study viz.

- Water, sediment and soil metagenomics
- Gut and skin metagenomics
- Antibiotic resistance microbiome

Participants will gain an experience using a range of data resources and tools, interspersed with lectures. Additionally, there will be the opportunity to discuss the challenges facing researchers in the field.

## Audience

This workshop is aimed at life scientists who are working in the field of metagenomics and who may already have some prior experience in using bioinformatics in their research.

## Content

Eminent scientists will deliver lectures on metagenomic approaches in field of biomedical research, agriculture, fisheries and other natural resource management. During the workshop following content will be discussed:

- Data generation: Next Generation Sequencing, amplicon-based approaches (ribosomal RNA), WGS, assembly

- Data analysis: The EBI Metagenomics Portal, MGRUST, diversity, coverage, metabolic and pathway analyses, tools for comparative metagenomics
- Data standards and submission: European Nucleotide Archive (ENA), Genomic Standards Consortium (GSC), SRA, Webin
- Public resources for metagenomics
- Statistical metagenomics

## Outcome of this workshop

- Interpret results and compare with other metagenomics datasets
- Use a range of tools to perform some data analyses
- Discuss the pitfalls and challenges in the field

## Organizing Committee

<b>Chief Patron</b>	:	Dr. T. Mahapatra, DG, ICAR
<b>Patron</b>	:	Dr. J. K. Jena, DDG (FS), ICAR
<b>Convenor</b>	:	Dr. B. K. Das, Director, ICAR-CIFRI
<b>Co-Convenors</b>	:	Dr. Anil Rai, HOD, ICAR-IASRI Dr. A. R. Rao, PS, ICAR-IASRI
<b>Coordinator</b>	:	Dr. B. K. Behera, PS, ICAR-CIFRI
<b>Co-coordinators</b>	:	Dr. P. K. Parida, Scientist, ICAR-CIFRI Dr. D. J. Sarkar, Scientist, ICAR-CIFRI Dr. R. K. Raman, Scientist, ICAR-CIFRI

**Venue: ICAR-CIFRI, MANIRAMPURE, BARRACKPORE, Kolkata -700120**

## Contacts:

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