



**Federation of European Microbiological Societies (FEMS)**  
&  
**phiXgen**

***In collaboration with***

**SYNAPSE**

**Department of Zoology  
Miranda House, University of Delhi**

***Under The Aegis of IQAC***

***Organizes a 2- days (15-16th June, 2022) Workshop  
on***

**Computational Biology Analysis for  
Microbial Ecology  
for UG/PG/ RESEARCH Students**

**Venue : Room no. 145 / DRC**

**Timings : 10 : 30 a.m. - 4 : 00 p.m.**

**Workshop Fee : 300 /-**

**Registration link : <https://forms.gle/DYfqk2quRGmC3NsK8>**

**Payment Link : [https://docs.google.com/forms/d/e/1FAIpQLSe\\_qgiZNt9816KrMXWxXfK7mebturaRxnGxOeDIX0YIWcb4jg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe_qgiZNt9816KrMXWxXfK7mebturaRxnGxOeDIX0YIWcb4jg/viewform)**

**Last Date of Registration is 12th June, Sunday**

**Dr. Rekha Kumari (Zoology)**  
**Dr. Rashmi Shakya (Botany)**  
Convenor

**Khushi Soni**  
President, Synapse

**Prof. Bijayalaxmi Nanda**  
Principal, Miranda House

# PROGRAMME SCHEDULE

| Time                          | Module                                                                                       |
|-------------------------------|----------------------------------------------------------------------------------------------|
| <b>Day 1 : 15th June 2022</b> |                                                                                              |
| 10:30 a.m. - 10:40 a.m.       | Address by Prof. Bijayalaxmi Nanda, Principal, Miranda House                                 |
| 10:40 a.m. - 11:00 a.m.       | Introduction to FEMS and its activities<br>(Dr. Erwin Ripmeester and Dr. Gauri Garg Dhingra) |
| 11:00 a.m. - 11:30 a.m.       | Integration of Microbiology and Computational Biology<br>(Prof. Rup Lal )                    |
| 11:30 a.m. - 1:30 p.m.        | Computer platforms for Genomics<br>(Dr. Utkarsh Sood )                                       |
| <b>LUNCH BREAK</b>            |                                                                                              |
| 2:00 p.m. - 3:00 p.m.         | Sequencing Methods<br>(Dr. Shailly Anand )                                                   |
| 3:00 p.m. - 4:00 p.m.         | Hands on Genomic Assembly<br>(Dr. Utkarsh Sood )                                             |
| <b>Day 2 : 16th June 2022</b> |                                                                                              |
| 10:30 a.m. - 11:30 a.m.       | Genome Annotations<br>(Dr. Princy Hira )                                                     |
| 11:30 a.m. - 1:00 p.m.        | Phylogenomics<br>(Dr. Helianthous Verma )                                                    |
| <b>LUNCH BREAK</b>            |                                                                                              |
| 2:00 p.m. - 3:30 p.m.         | Microbial Ecology and Metagenomics<br>(Dr. Roshan Kumar )                                    |
| 3:00 p.m. - 4:00 p.m.         | Queries and Certificate distribution                                                         |

Registration Form Link :

[https://docs.google.com/forms/d/e/1FAIpQLSe\\_qgiZNt9816KrMXWxXfK7mebturaRxnGxOeDIX0YIWcb4jg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe_qgiZNt9816KrMXWxXfK7mebturaRxnGxOeDIX0YIWcb4jg/viewform)