



# ONE WEEK SHORT TERM TRAINING PROGRAM (ONLINE / HYBRID)

on

## INTEGRATING OMICS AND AI IN BIOMANUFACTURING

20th to 24th April, 2026

**ORGANIZED BY:**

**Association of Indian Universities**

**Gautam Buddha University  
Academic & Administrative Development Centre  
(AIU-GBU-AADC)**

### TOPICS TO BE COVERED

- **Fundamentals of Omics & AI in Biomanufacturing under BIOE3 Policy**
- **Systems Biology and Multi-Omics Integration for Microbial Cell Factory Design**
- **Metabolic Engineering and Strain-to-Process Mapping Using Omics and AI**
- **AI-Driven Bioprocess Design, Optimization and Quality-by-Design in Microbial Manufacturing**
- **Next-Generation Biomanufacturing Platforms: From Metabolomics to Bioactives**

### CHIEF PATRON

Prof. Rana Pratap Singh  
Hon'ble Vice Chancellor, GBU

### PATRON

Prof. Rajeev Varshney, Dean Academics, GBU  
Prof. Chander Kumar Singh, Registrar, GBU  
Prof. S. Dhanalakshmi, Dean SoBT, GBU

### CONVENER(S)

Dr. Rekha Puria  
Dr. Barkha Singhal

### CO-CONVENER(S)

Dr. Nisha Gaur  
Dr. Upma Pal

### WHO CAN APPLY:

- FACULTY
- INDUSTRY PROFESSIONALS
- PhD SCHOLARS
- STUDENTS

**LAST DATE FOR REGISTRATION: 15<sup>TH</sup> APRIL, 2026**

**SESSION TIMINGS: 03:00 PM - 05:00 PM**

**REGISTRATION FEES FOR PARTICIPANTS: RS 500/-**

**E-CERTIFICATE WILL BE PROVIDED**

Scan to fill form



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**REGISTRATION LINK :** <https://forms.gle/U8oQyg6y6ibdt5ht8>

**VENUE :** University School Of Biotechnology, GBU, Greater Noida, UP-201312