



ABOUT AIPH UNIVERSITY

AIPH University is committed to being a leader in education, research and service and providing a platform to students, faculty, and collaborating researchers from around the world to teach, learn, and innovate for improving population health locally and globally. AIPHU emerged out of strong basic and clinical research in biomedical sciences conducted by its principals and faculty over the last decade. AIPHU has been accorded with the "Best Microbiology Department" of the state by the Microbiologists Society, India. Today, as the only public health university of India with wet labs, molecular diagnostics, field and hospital-based research infrastructure and a mobile BSL-3 lab, AIPHU is engaged in imparting education and research in public health, biological sciences, and allied health sciences.

CORRESPONDENCE

School of Biological Sciences AIPH University

📍 EAST Campus, Prachi Vihar
Anantapur, Phulnakhara- 754001

✉ Email: info@aiph.ac.in

☎ Tel: +91-9938213237

Dr. Pradipta Ranjan Rauta

Email: prrauta@aiph.ac.in

Mobile: +91-8895178107

Dr. Dhiraj Kumar Nanda

Email: dnanda@aiph.ac.in

Mobile: +91-9996303557



School of Biological Sciences AIPH University, Bhubaneswar

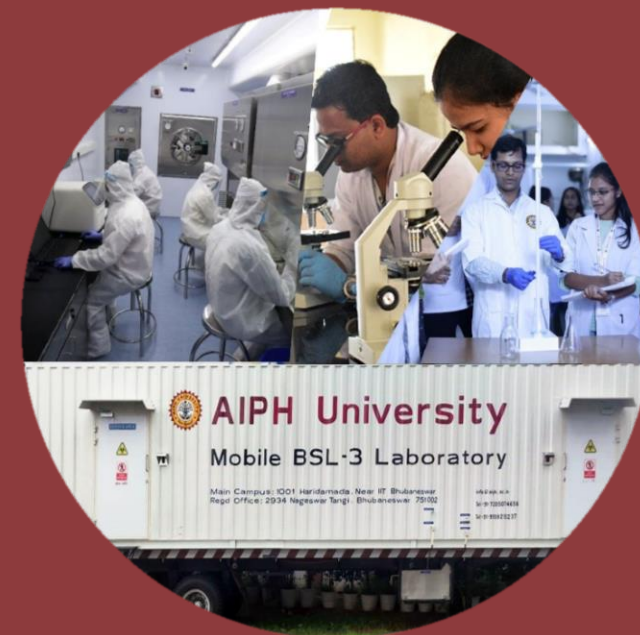
in association with

Microbiologists Society, India (MSI)

organizes Student Development Program

***Hands-on Training on Advanced
Biological Laboratory Techniques***

[February 26 and 27, 2024]



www.aiph.ac.in

ABOUT STUDENT DEVELOPMENT PROGRAM

The National Education Policy (NEP) 2020 emphasizes the research and innovation as a Corequisite for outstanding education and development aligned with the global education system. Importance of the understanding of laboratory techniques is a crucial part in entry to research and innovation. However, there is a lack of exposure to laboratory facilities and expertise in the training of non-medical students. The present student development program is an attempt to address this lacuna.

The Student Development Program (SDP) focuses on the enhancement of the skills of the students apart from regular academic development. The SDP aims at extending the levels of understanding of the concepts and practical implementation of knowledge along with research aptitude to the students and young researchers of Degree Colleges and Universities. It would help in holistic development of the students and prepare the next generation of professionals making them thinkers to take on current and future challenges.

MAJOR TECHNIQUES TO BE COVERED

Molecular Biology

Genomic DNA extraction, Conventional PCR, Gel electrophoresis, Real time PCR and Data analysis

Microbiology

Microbial culture techniques, Molecular identification techniques

Immunology

ELISA, Serological Methods, Lateral flow assay

Bio safety

Laboratory Bio safety

Good Laboratory Practices (GLP)

Demonstration of BSL-3 Laboratory Practices

Mobile BSL-3 Facility Visit

PATRONS

- **Dr. Pinaki Panigrahi**, President, AIPHU
- **Mr. D. Murali Krishna**, Vice President, AIPHU
- **Dr. Usha Agrawal**, Vice Chancellor, AIPHU
- **Dr. A. M. Deshmukh**, National President, MBSI

CONVENORS

- **Dr. Dhiraj Kumar Nanda**, Asst. Prof., SBS, AIPHU
- **Dr. Pradipta R. Rauta**, Asst. Prof., SBS, AIPHU

ADVISORY COMMITTEE

- **Dr. Kalpana Panigrahi**, Dean Acad. Affairs, AIPHU
- **Dr. Padan Kumar Jena**, Dean, SBS, AIPHU
- **Dr. Pradeep Kumar Panda**, Dean, SPH, AIPHU
- **Dr. Arjit Mohapatra**, Dean, SAHS, AIPHU
- **Dr. Samarendra N. Panda**, Director, Krishna Vikash
- **Dr. Paidisetti Prasant**, Registrar, AIPHU
- **Dr. Santi L. Sahoo**, Retired Prof., Utkal University
- **Dr. H.N. Thatoi**, Director, CIBR, SOA University
- **Dr. Chandni C. Rath**, State President (Odisha), MBSI
- **Dr. Chinmay Pradhan**, Assoc. Prof., Utkal University
- **Dr. Y. K. Mohanta**, State President (Assam & Meghalaya), MBSI
- **Dr. Debasis Nayak**, Asst. Prof., MSCBU, Baripada

ORGANIZING COMMITTEE

- **Dr. Jyoti Ranjan Rout**, Asst. Prof., SBS, AIPHU
- **Dr. Umakanta Swain**, Asst. Prof., SBS, AIPHU
- **Dr. Somya Ranjan Dash**, Asst. Prof., SBS, AIPHU
- **Dr. Munmun Panda**, Asst. Prof., SBS, AIPHU
- **Dr. Arati Ray**, Asst. Prof., SBS, AIPHU

STUDENT ORGANIZERS

- **Mr. Sovan K. Senapati**, 2nd yr. MSc Microbiology
- **Mr. Amit Acharya**, 2nd yr. MSc Zoology
- **Ms. Subhashree Nayak**, 2nd yr. MSc Zoology
- **Ms. Barnali Rath**, 2nd yr. MSc Microbiology

ADMINISTRATIVE SUPPORT

Registrar, Assistant Registrar and all AIPHU office Staff

WHO CAN APPLY?

UG/PG Students and Research Scholars from Biological and Allied Sciences

NUMBER OF PARTICIPANTS

Thirty participants to be enrolled on a first come first serve

VENUE

School of Biological Sciences, AIPH University, Odisha

APPLICATION DEADLINE

The last date for online application is 20th February, 2024

REGISTRATION LINK

<https://forms.gle/a2PmSwJ4asNTDSY79>

SCAN FOR REGISTRATION



REGISTRATION FEE

Categories	Early Bird (Feb 5, 2024)	Late (Feb 20, 2024)
UG	750 INR	1500 INR
PG	1000 INR	
Research Scholar	1200 INR	

*Note: The registration fees include the training manual, kit, and working lunch for all the days of the training. Certificates of participation and training will be given to all the participants.

ACCOMMODATION

On request accommodation shall be arranged in AIPH University Hostel (Rs.250/- per day)

ONLINE FEE DEPOSIT BANK DETAILS

Bank Name : SBI
Account No. : 41897000479
Name : AIPH University
IFSC Code : SBIN0000041
Branch : SBI Main Branch,
Name : Bhubaneswar
UPI Id : 9124087300@sbi

