



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్  
आरतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

# HANDS-ON lab training in

# BIOTECHNOLOGY / BIOINFORMATICS

The Department of Biotechnology, IIT Hyderabad invites applications for the Hands-on lab training (HLT) program in Biotechnology/Bioinformatics. The program is designed to provide intensive hands-on training in tools and techniques in biotechnology *or* bioinformatics in advanced research labs. HLT program aims to bridge the gap between formal education and research/industry needs in the biotechnology sector by imparting skills at the forefront. Not only undergraduate, postgraduate or doctoral students but industry professionals can advance their skillset with our HLT program.

## Information Links

IITH website: [www.iith.ac.in](http://www.iith.ac.in)

Department of Biotechnology website:

<https://biotech.iith.ac.in/>

Department of Biotechnology brochure:

<https://biotech.iith.ac.in/pages/academicsPages/dept%20brochure.html>



## Who can participate?

- Researchers/scientists or students pursuing/completed undergraduate, postgraduate, doctoral degree in Biotechnology and allied areas from Indian Universities and Institutes.
- Industry professionals looking forward to enhance their wet-lab or computational biology research skills.

## Available labs for training

- Structural Biology Lab  
(<https://www.rajlab-bt-iith.com/>)
- Cell Signaling and Ion Channel Biology lab  
(<https://csl.biotech.iith.ac.in/>)
- Protein Misfolding Lab  
(<https://pmrl.biotech.iith.ac.in/>)
- Chromosome Dynamics and Gene Regulation Lab  
(<https://www.mehtalab-iith.com/>)
- Circadian Rhythm and Disease Biology Lab  
(<https://www.circadianlab-iith.com/>)
- Computational Genomics and Transcriptomics lab  
(<https://sites.google.com/view/rahulklab>)
- Laboratory of Nanobiotechnology (<https://sites.google.com/view/molecular-simulation-lab>)
- Microbial Genomics and Evolution Lab  
(<https://sites.google.com/view/sharmaglab/>)
- Molecular Systems Biology and Metabolism Lab  
(<https://sites.google.com/bt.iith.ac.in/comp-bio-abhishek/home>)
- Fifth Paradigm Lab  
(<https://gnsastry.com/>)

## Unique features

- Lab specific wet-lab or Computational biology research training in advanced biotechnology research labs. (Candidates will be given option to choose from the above labs at the time of application and get consent from the lab-incharge)
- Enhance your scientific aptitude by additional training in good lab practice, scientific writing & presentation and research ethics.
- Access to seminar and events in the biotechnology department during the training period.
- Certificate from IIT Hyderabad.



# Application and selection procedure

- Please download consent form [https://docs.google.com/document/d/1oYkwH-1BG1wZJg3UN0LUodbuSxeBsI\\_Q/edit](https://docs.google.com/document/d/1oYkwH-1BG1wZJg3UN0LUodbuSxeBsI_Q/edit) and get signature from the lab PI whose lab you would like to join.

- Apply at <https://forms.gle/ojNhzmakNk6KBN1X9>

Months	Fee (INR) for students	Fee (INR) for Industry
2	15000	20000
3	20000	25000
4	30000	35000
5	40000	45000
6	50000	55000
*Additional 18% GST will be applicable		

- Training period and lab must be chosen by the candidate during application. Check availability with the PI of the lab by emailing.
- For submitting the application, PI-consent form and fee receipt are required to be uploaded in the form.
- Pay fees only after obtaining PI consent.
- Payment link <https://payments.billdesk.com/bdcollect/bd/iitof/8295>
- Participation will be confirmed only upon receipt of the application form with consent form and fees in full. Training fees is **non-refundable**.
- There is no last date and the applications are on rolling basis.
- Hostel and mess facilities may be provided subject to availability.
- Any queries may be directed to [hlt@bt.iith.ac.in](mailto:hlt@bt.iith.ac.in).

## Funding

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