

Advanced Training Course in “Genomics and Molecular Technologies” for Industrial Applications

CSIR-IGIB (2023-2024 Session)

- ✓ **Goal**
To train students in Genomics and Molecular Technologies for Industrial exposure.
- ✓ **Eligibility Criteria**
 - **Essential**
M.Sc./ MTech/ ME/ M.Pharma / MMLT / BMLT in Life Sciences, Biotechnology, Biochemistry, Microbiology, Pharmaceutical Sciences, Biomedical Sciences, Biomedical Engineering, Food Technology, or equivalent from a recognized organization with a minimum of 50% marks in aggregate. Age : No limit
 - **Desirable**
Experience in Medical Laboratory Technology
- ✓ **No. of Seats- 10**
- ✓ **Course Start Date: November 1, 2023.** No refund of fees will be considered after the commencement of the course.
- ✓ **Course Duration- 1 months**
- ✓ **Fees- Rs.10,000/- for regular candidates and Rs.20,000/- for industry-sponsored candidates, Rs. 5000/- for candidates belonging to EWS, OBC, SC and ST categories.**
- ✓ **Course Structure Includes**
An end-to-end whole genome sequencing (WGS) workflow inclusive of DNA library preparation to bioinformatics pipelines for delivering high quality insights on the industrial application of WGS technology.
 - **Special Techniques Covered**
PCR, RT-PCR, Nanopore - sequencing, Basic & advanced-Bioinformatics.
- ✓ **Application format**
Apply Here
OR paste the following URL in the browser
<https://pme.igib.res.in/bdmg/TrainingApplication.html>



Mode of selection: The interview will be conducted in online mode only.

Important Dates		
1	Advt Rolling DATE	September 07, 2023
2	Last Date of Application	October 06, 2023
3	Interview Date	October 16, 2023

For more information

e-mail: sdp@igib.res.in | Website: <https://skill-india.igib.res.in>

Salient Features of the Programme

- ✓ Practical skills
- ✓ Refresher of the basic principles
- ✓ Record keeping and documentation
- ✓ Data Analysis and interpretation
- ✓ Troubleshooting
- ✓ Presentation abilities

Management and Faculty

The teaching faculty will be largely drawn from a set of highly qualified and competent scientists from the CSIR-IGIB, and a few experts will be called for specialized topics. Students will be taught the basic principles of these technologies with examples of applications. They will be given more time and emphasis on practical hands-on experiments and instrumentation in both dry and wet laboratory facilities. It will be desirable, if students can bring their laptops.

Methods of Instruction

Instruction methods involve hands on practice. Medium of instruction will be in English

Evaluation of Trainees

Evaluation will consist of the following components

- ✓ Theory Courses (50 Marks)
 - (a) Continuous assessment through assignments
 - (b) Term end examination
- ✓ Practical Courses (50 Marks)

Certification

Certificate will be issued after successful completion of the course.

Detailed curriculum will be shared with the candidates after admission.

For further information please contact :

**Skill Lab,
CSIR – IGIB
Mall Road, Delhi-110007,
Mathura Road, New Delhi-110 025
e-mail: sdp@igib.res.in**

For more information

e-mail: sdp@igib.res.in | Website: <https://skill-india.igib.res.in>