

Department of Microbiology  
Maharshi Dayanand University, Rohtak  
&  
SciLearn teach and Networking  
Foundation

# "6<sup>th</sup> Hands-on Training Programme for Advanced Analytical Chromatography Techniques- HPLC and FPLC

Date: 24- 28 September, 2024



## Scope

### Food and beverages

Mycotoxins, additives,  
saccharides,  
vitamins, fatty acids,  
coloring agents, antibacterials



### Pharmaceuticals

Antibiotics, sedatives,  
steroids, analgesics,  
crude drugs, cosmetics



### Biochemicals

Amino acids, proteins, peptides,  
carbohydrates, lipids, enzymes,  
medicines, hormones

### Consumer product testing



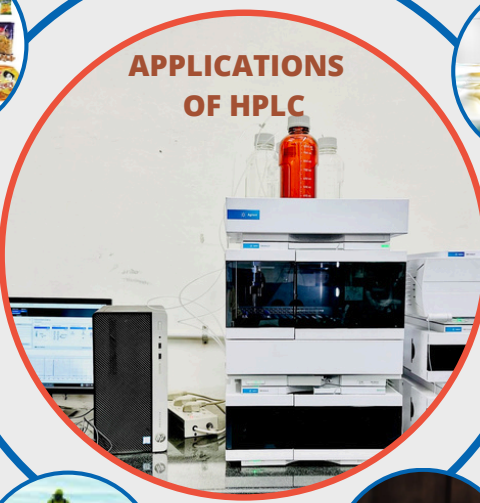
### Environment

Inorganic ions, organic acids,  
agricultural chemicals, herbicides,  
phenols, pesticides



### Forensics

Drug metabolites, urine extracts,  
estrogens, blood alcohol, poisons  
etc.

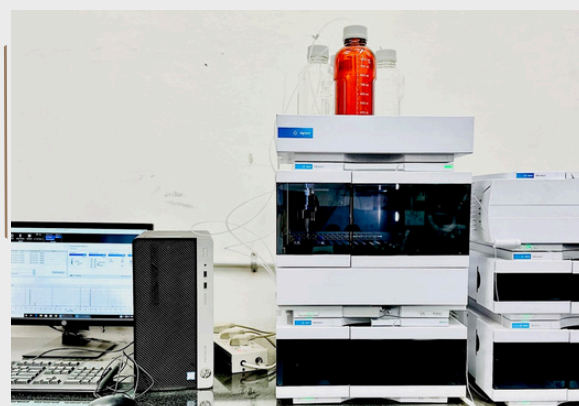


## Our Mission

We envision providing each participant with in-depth knowledge and skill development in these high-throughput instruments to create a skilled workforce for strong, sustainable and prosperous future.

## Who can apply

B.Sc., M.Sc. Ph.D., Faculty, or any other person involved in the field of science who wants to groom their skills can apply.



# HIGHLIGHTS OF THE PROGRAM

## **Practical Oriented Training**

**Program:** Immerse yourself in hands-on learning, gaining practical skills and valuable experience.



## **Complimentary Training on PCR and**

**Phylogenetic tree analysis:** Enhance your knowledge with a bonus training session on Primer designing, and phylogenetic tree analysis.



**Comprehensive Learning Materials:** Access all workshop lectures conveniently with a soft copy of lecture materials provided for your reference.



**Relaxing Cultural Evening:** Unwind and connect with fellow participants during a relaxing cultural evening, fostering a sense of community.



**Certificate Upon Successful Completion:** Participants will receive a certificate recognizing their successful completion of the program, enhancing their credentials.



**Refreshments Included:** Enjoy tea, snacks, and a delicious lunch to keep you energized and focused throughout the day.



**\*Non-refundable**

## Registration Fees\*

|                       |          |
|-----------------------|----------|
| Student               | 4,000/-  |
| Faculty               | 7,000/-  |
| Industry              | 10,000/- |
| Accommodation Charges | 1,500/-  |

**We have trained 50+ participants till now from all different regions of India.**

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# Participants Reviews

FROM PREVIOUS WORKSHOPS



**Dr. Surajit Chakraborty,**  
**PGIMS, Chandigarh**

Every bit of the program, lectures by the Professors, and the research scholars will be treasured for a long time. Hands-on training is appreciable. The soulful and lively environment of the department. The next batch coming here for further training, I am urging them to come here and experience the amazing workshop themselves.

**Er. Kuntal Sarma**  
**Scientist – B, CCS Meerut, U.P.**

Trainers were well versed with the concept and the instruments. Wide range of application discussed during training programme was very beneficial and will help for further research.

**Sweta Rani Chaurasia**  
**Ramaiah University of Applied Sciences,**  
**Karnataka**

REAL hands- on training programme. We were given the opportunity to run the instruments thoroughly by ourselves. The food and hospitality was commendable. Musical evening was delightful.

**Vivek Kumar**  
**Ph.D. Scholar, Maharshi Dayanand**  
**University**

Letting participants handle instruments and develop their own methodology. Also the help provided by the resource person at each step was very useful.

**Priyangupta**  
**Ranchi University, Ranchi**

Each and every candidate is given a chance to perform the task by their own. My queries were answered satisfactorily and for further reference , we are provided with the ppts.

**Nashir Mullah**  
**Ph.D Scholar, Ramachandra**  
**Chandravansi University, Jharkhand**

The lecture, guidance on how to handle and take care of the machine pre- post working and specific Do's and Don'ts were added to my current knowledge.

**Ms. Sonali**  
**Asst. Professor, Govt. College for**  
**Women, Lakhan Majra, Haryana**

The hands on training was very helpful. Emphasis on applications of the techniques was very helpful in designing my own research work

**Uma Kumari**  
**Radha Govind University,**  
**Jharkhand**

The training programme was outstanding and well informative. Wish to learn more from Microbiology, MDU.

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# Photo Gallery



Venue

FIST Lab,  
Department of Microbiology,  
2nd Floor, CBT building,  
Maharshi Dayanand University, Rohtak

**Last Date to apply September 15, 2024**

**Limited Seats 12 only**

How to apply

Interested candidates may apply by registering  
at Google form link.

<https://forms.gle/a7WNBa6ujJRcSk2G9>

You may pay the  
Registration fee  
online  
by scanning the  
QR code



**Patron-in-Chief**

*Prof. Rajbir Singh*

Hon'ble Vice-Chancellor, MDU

**Patron**

*Prof. Gulshan Lal Taneja*  
Registrar, MDU

*Prof. A.S. Maan*  
Dean Academic Affairs, MDU

*Prof. Arun Nanda*  
Dean Research, MDU

*Prof. Rajesh Dhankar*  
Dean, Faculty of Life  
Sciences, MDU

**Convener**

*Dr. Krishna Kant Sharma*

HOD, Microbiology

Associate Dean (Science), R & D and FIST Coordinator

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**Organising Secretaries**

*Dr. Pooja Suneja Madan*      *Dr. Rajeev Kumar Kapoor*

*Dr. Pooja Gulati*      *Dr. Sanjay Kumar*      *Dr. Anita Santal*

**For any query, contact**

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Accommodation: Arush (7988078898)