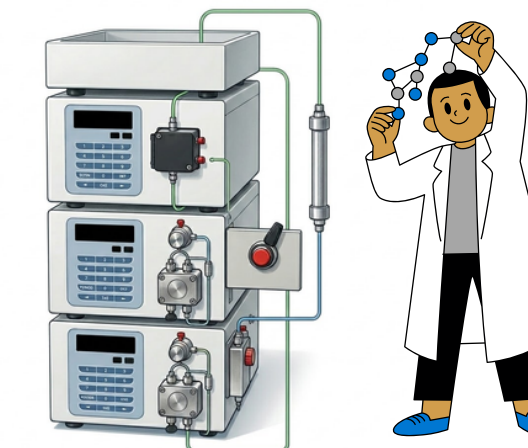




CANCER INSTITUTE (WIA)

Hands-on Workshop on High Performance Liquid Chromatography

Department of Molecular Oncology



"Dedicated to Padma Vibhushan Dr. V. Shanta:
A Legacy of Service (1927-2021) "

We invite graduate students (B.Pharm, M.Pharm, B.Sc /B.Tech/ M.Sc/M.Tech -Chemistry, Biotechnology, Life sciences), Final year / project students, Research assistants / JRF / SRF/ Industry Professionals to attend two days hands-on workshop at Department of Molecular Oncology, Cancer Institute (WIA).

Date: May 21 & 22, 2026

Registration Fee

- Students –Rs 2000/-
- Research assistants /JRF/SRF –Rs 2500/-
- Industry Professionals –Rs 3000/

Payment details

NAME OF BENEFICIARY : CANCER INSTITUTE (WIA) COLLEGE
ACCOUNT NO : 149710011000023
IFSC CODE : UBIN0814971

To complete your registration, please email the receipt along with your Name and College to:

finance@cancerinstitutewia.org and
molecularoncology@cancerinstitutewia.org



Venue: Department of Molecular Oncology, Bhagwan Adinath Jain complex, Dr.S.Krishnamurthi Campus, Cancer Institute (WIA), Chennai.

| DAY 1: Fundamentals & System Familiarization | DAY 2 : Method Development & Data Analysis |
|---|--|
| <p>10.00 - 10.30 : Registration 10:30 - 11:30 : Introduction to HPLC ·Overview of chromatography ·Types of chromatography ·Applications of HPLC</p> | <p>09.30 – 11.00 ·Chromatographic Parameters ·Retention time, resolution, tailing factor ·Efficiency and selectivity</p> |
| <p>11.30 -11.45 : Break 11.45 - 13.00 : HPLC Instrumentation ·Components: pump, injector, column, detector, data system</p> | <p>11.00- 11.15 : Break 11.15 – 13.00 ·Sample injection ·Running a standard method ·Hands-on Session</p> |
| <p>13:00 – 14.00 : Lunch</p> | <p>13:00 – 14:00 : Lunch</p> |
| <p>14.00 – 15.00 ·Columns & Mobile Phase ·Column types (C18, C8, etc.) ·Mobile phase selection and preparation ·pH, buffers, solvents</p> | <p>14:00 – 15:30 : Data Analysis ·Peak integration ·Calibration curve ·Quantification</p> |
| <p>15.00-17.00 ·Sample Preparation ·Filtration, dilution, degassing ·Avoiding contamination</p> | <p>15:30 – 16:15 : Troubleshooting 16.15- 16.30 : Valedictory Session</p> |

Limited Seats only