

# ANALYTICAL INSTRUMENT TRAINING WORKSHOP

📅 2026 May 16 & 23

📍 Industrial Technology Institute, Colombo 07



## Hands-on Training

Direct operation of state-of-the-art analytical instruments.



## Certification

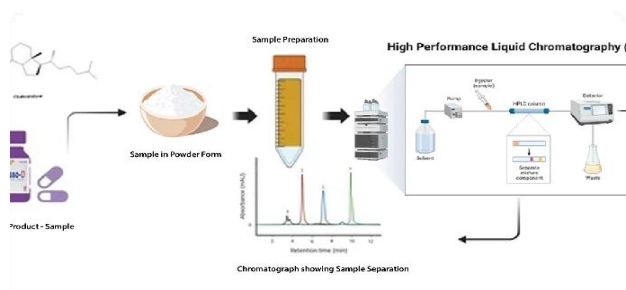
Receive a formal certificate of competency upon completion.



## Skill Enhancement

Instrument operation, Maintenance, Troubleshooting, and data analysis.

## Workshop Modules



### High-Performance Liquid Chromatography (HPLC)

Master separation science with latest instruments and software operation.



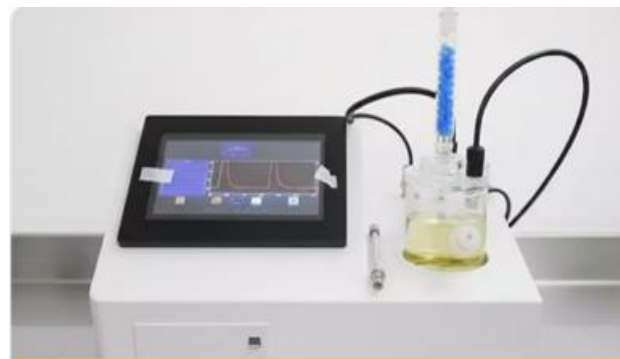
### Gas Chromatography Coupled with Mass Spectrometry (GC-MS)

Learn accurate volatile compound analysis and equipment maintenance.



### Infrared Spectroscopy (FTIR)

Understand functional group identification, sample preparation (ATR/Pellet), and spectral interpretation.



### Karl Fischer Moisture Analysis

Execute precise water content determination using volumetric titration techniques.

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## Who Should Attend?



### Industry Professionals

- Scientists, analysts, technicians – operation, maintenance, troubleshooting
- QC/QA officers - compliance testing and calibration
- R&D Scientists - looking for advanced technologies



### Academics & Researchers

- Postdoctoral researchers - expand or update technical toolkit for ongoing research
- Faculty - integrate new instruments into their labs
- Technical staff – operation and maintenance



### Postgraduate Students

- Graduate students (MSc/PhD) - actively learn advanced techniques

## Registration Details

**LKR 32,500 + Tax**

### **Early Registration Rate**

Register before April 30, 2026  
(only 10 seats available)

**LKR 40,000 + Tax**

### **Regular Rate**

Register after May 01, 2026  
(registration will close after deadline or when seats are full).

**Deadline**

**May 13, 2026**

Fee includes course materials, daily lunch, and refreshments.

**REGISTER NOW**

Contact:  [nisala@iti.lk](mailto:nisala@iti.lk)  (+94) 070 71 5 1 624

Organized by the Pharmaceutical Laboratory of ITI