

## Training Programme on High-End Analytical Instruments (HPLC, UPLC and AAS) Organized by VIT-TBI (Offline)

The course provides basic concepts along practical sessions & software handling in Atomic Absorption Spectrometer, HPLC ( High performance liquid chromatography), UPLC (Ultra performance liquid chromatography).

### ELIGIBILITY

Students pursuing B.Sc. / M.Sc. / B.Tech /  
M.Tech / Research scholars / & Graduates  
in Life science, Biotechnology,  
Microbiology

**Date** : 18-19th November 2024

**Fees** **Rs. 3500/-**

### Venue

TT012, BIRAC-BioNEST Lab  
Technology Business Incubator  
Technology Tower Building  
Vellore Institute of Technology,  
Vellore, Tamil Nadu, India

For further details contact:

**Course coordinator,**  
**johnjoseph.j@vit.ac.in**

**Phone: 0416-2202306/9994547335**

### Topic

#### HPLC &UPLC Training Programs Include:-

- 1) Fundamentals of Liquid Chromatography and Empower-3 Software handling.
- 2) Column choosing and Optimization such as base particle size, bonded phase for reverse phase and normal phase columns,
- 3) Selection of the Mobile phase, Mobile phase tuning, and Sample Preparation and Testing for good peak resolution.
- 4) Basics of UV-VIS and PDA detector

#### Atomic Absorption Spectroscopy (AAS) Training Programs Include:-

- 1) Fundamentals of AAS and Spectra-AA Software handling.
- 2) Preparation of standard solution and samples, selection of UV range of the selected metal.
- 3) Applications.

### For Registration & Payment Details

<https://forms.gle/AoTyWAPm9wCu6kaY6>

Payment: DD in favour of:  
"VIT-Technology Business Incubator"  
Payable at Vellore.

#### Online payment Details

Name of the bank - Indian Bank  
Account name - VIT-TBI  
Account-number - 407580535  
IFSC code - IDIB000V086