

One-Day Intensive, Hands-on Workshop on

Fundamentals of High Performance Liquid Chromatography (HPLC)

Organized by



Course Highlights

- ❖ High Performance Liquid Chromatography (HPLC): Operational principles and essential concepts.
- ❖ Theory of separation mechanisms and modes.
- ❖ Understanding the instrumentation including possible configurations, solvent delivery pumps, sample injectors, columns and detectors of HPLC.
- ❖ Basic maintenance of HPLC.
- ❖ Troubleshooting process for problems like pressure, baseline, peak shape and retention issues.
- ❖ Practical applications of HPLC in the Industry. Workshop shall include a few special applications illustrated with real case studies. (Example application areas: Biomass, Pharma, Clinical, Plastics, Agro, Biopharma, Membranes etc)
- ❖ HPLC method development strategies.
- ❖ Best practices in HPLC.
- ❖ Live demonstration of experiments. Simple group practical/hands-on session
- ❖ Mini-workshop on data interpretation with real data.
- ❖ Quick update on latest techniques/developments.

When: 23 Nov 2016 | Time: 9 am to 5.30 pm

Venue: Training room, 100 NCL Innovation Park

Who will benefit

- ❖ Industry professionals wishing to expand their skill sets (Industries – Pharma; Environmental; Forensic; Food, Petrochemicals etc)
- ❖ Students and staff of polymer/ materials sciences/ engineering/ analytical/physical chemistry wishing to equip themselves for industry jobs

Maximum 20 seats; First-come-first-serve.

Application form available at

<https://goo.gl/forms/08SkJm70Lr2MuVrA3>

Last date for receipt of applications with payment 5 Nov. 2016

For more details, visit:

<http://www.venturecenter.co.in/workshops/>

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