



HPLC Training Center – Industrial Practical
Training Program

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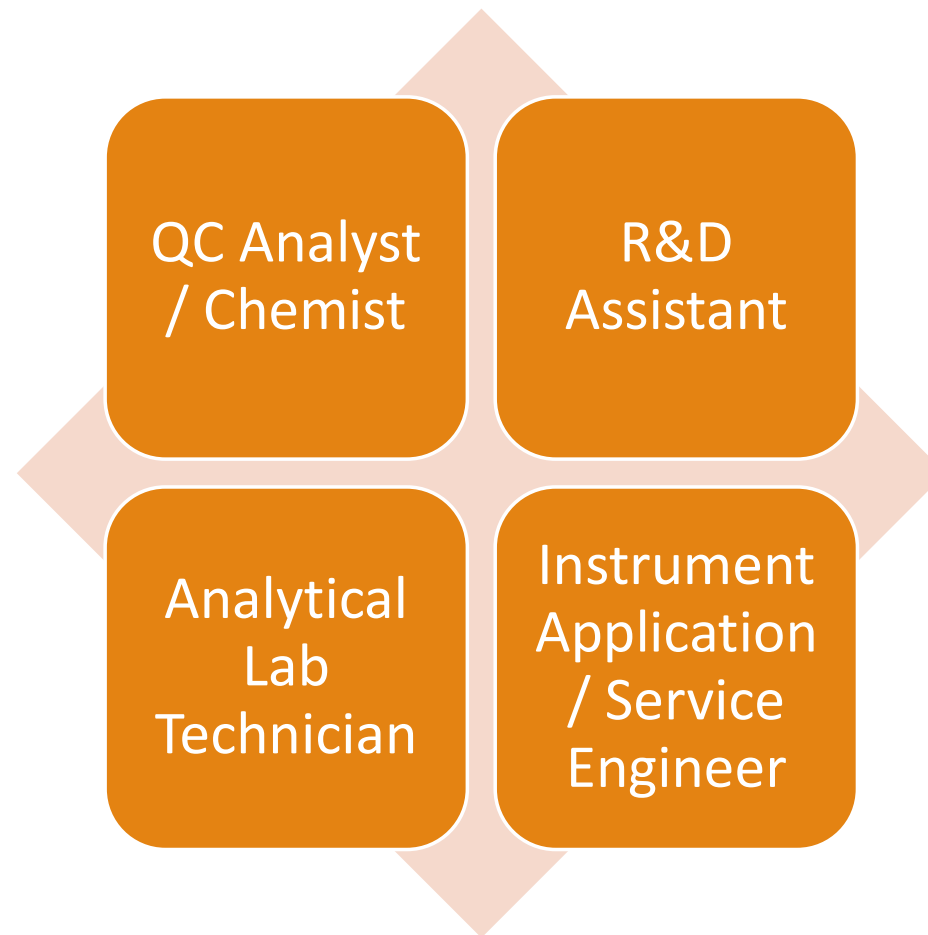
HPLC Training?

HPLC is a core
instrument in Pharma
QC, Food Testing,
Chemical & Research
Labs

Practical HPLC
knowledge improves
job selection chances

Most companies
require hands-on skills,
not only theory

Career Scope After Training



Course Options



Basic Program: 7 Days (40 Hours)



Advanced Program: 15 Days (80 Hours)



Industrial Certification: 1 Month (120 Hours)

Key Topics Covered



Chromatography
basics (RP/NP,
isocratic/gradient)



HPLC parts: pump,
injector, column,
detectors



Mobile phase &
buffer preparation



Sample preparation
and injection
practice



System suitability
testing (SST)

Practical Training Activities

Instrument startup/shutdown SOP

Column installation and conditioning

Filtration, degassing and solvent mixing

Calibration curve and assay calculation

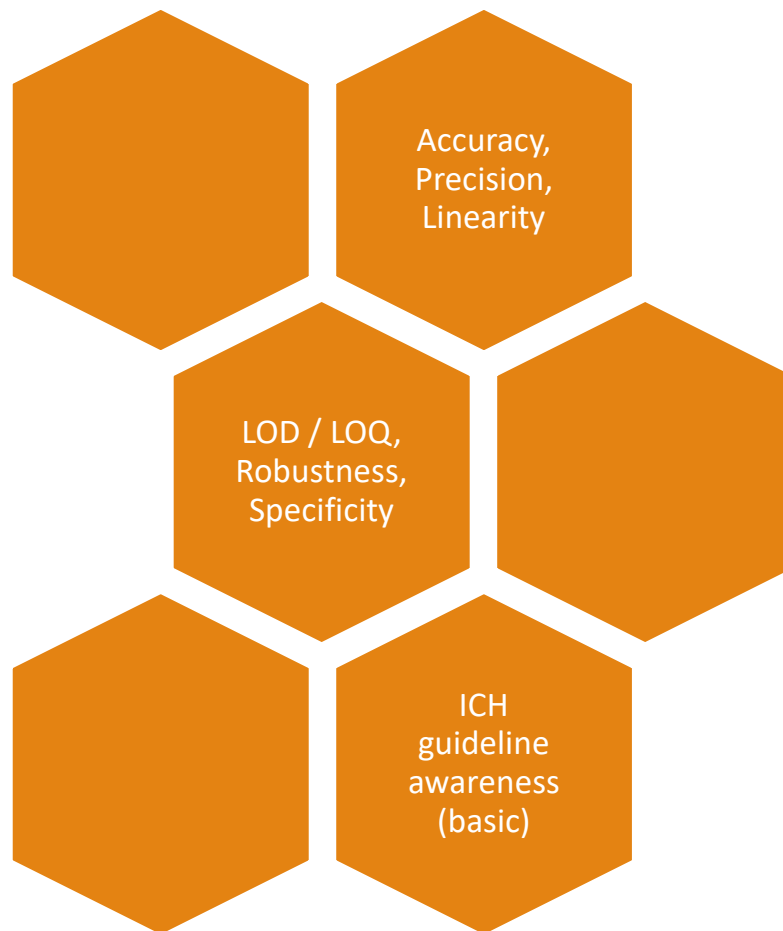
Chromatogram interpretation and reporting



Troubleshooting & Maintenance

- High pressure / pressure fluctuation
- Baseline noise and drift
- Peak tailing / splitting / ghost peaks
- Leak detection and cleaning procedures
- Pump seal, check valve, injector rotor issues

Validation Basics (Industry Overview)



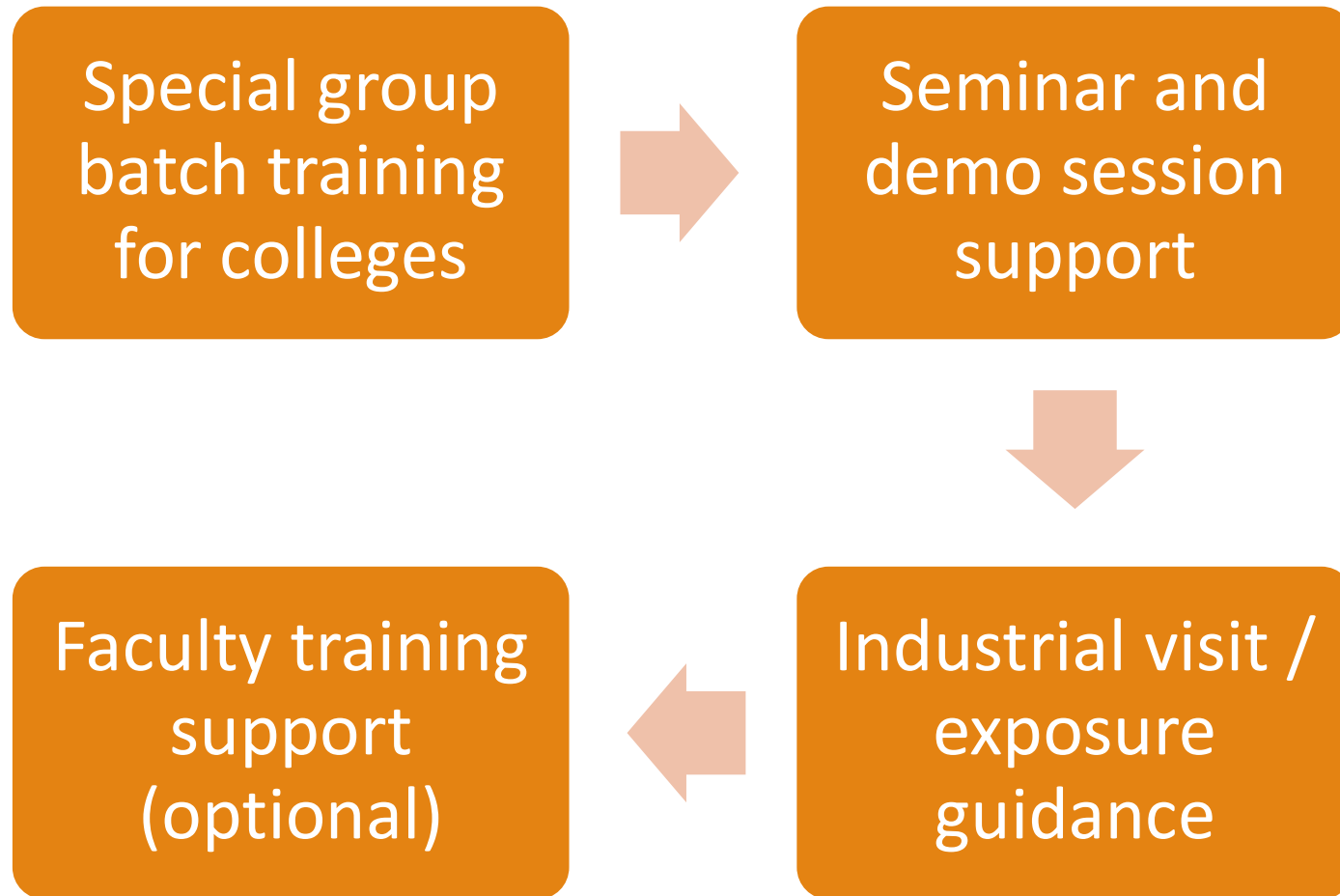
Certification & Project

Training Certificate

Practical Training
Letter (for college
submission)

Mini project: Assay
of tablet sample
with report

College Tie-up / Collaboration Offer



Contact & Enrollment

TechnoLab Sales & Service



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