

Vocational Training Courses

B.V. Patel PERD Centre announces vocational training Certificate courses in the following area

Course & Course content	Number of seats	Course duration	Fee	Tentative date of start
HPLC Analysis				
<ul style="list-style-type: none"> • Basics of HPLC • Types of sample • Sample processing • Sample analysis and documentation • Hands on training on HPLC • Data interpretation and presentation 	10	50 hours	8000/-	July 17, 2017 (For A batch of 10 participant together dates can be adjusted as per need)
HPTLC Analysis				
<ul style="list-style-type: none"> • Basics of HPTLC • Sample preparation • Visualisation • Sample analysis • Data interpretation, data presentation and documentation 	10	30 hours	5000/-	July 17, 2017 (For A batch of 10 participant together dates can be adjusted as per need)
Molecular Biology (Basics)				
<ul style="list-style-type: none"> • DNA isolation from different sources • Gel electrophoresis • Gel documentation • Primer designing • PCR 	10	30 hours	4000/-	July 10, 2017 (For A batch of 10 participant together dates can be adjusted as per need)
Molecular Biology (Advanced)				
<ul style="list-style-type: none"> • DNA isolation from different sources • Gel electrophoresis • Gel documentation 	10	60 hours	10000/-	July 10, 2017 (For A batch of 10 participant together)

<ul style="list-style-type: none"> • Primer designing • RNA isolation and cDNA preparation • PCR • Molecular Marker analysis (AFLP, RAPD, Multiplex PCR) • DNA PAGE • Data collection interpretation and presentation 				dates can be adjusted as per need)
Animal Cell Culture Techniques (Basics)				
<ul style="list-style-type: none"> • Basics of cell culture • Types of cell lines, maintenance of cell lines, sub culturing • Media preparation • Cytotoxicity assay 	10	30 hours	5000/-	July 17 2017 (For A batch of 10 participant together dates can be adjusted as per need)
Animal Cell Culture (advanced)				
<ul style="list-style-type: none"> • Basics of cell culture • Types of cell lines, maintenance of cell lines, sub culturing • Media preparation • Cytotoxicity assay • Cell proliferation assay • Immunocytochemistry • Comet assay • Cell migration assay • Colony formation assay 	10	50 hours	12000/-	July 17 2017 (For A batch of 10 participant together dates can be adjusted as per need)

Note: 1. Bioanalytical methods development and analytical method development can be added on additional charge basis in HPLC and HPTLC course respectively.

2. Real Time PCR and other cell based assays can be taught on additional cost basis in Advanced molecular biology and cell culture course respectively.