

***Short Term Training Programme in Advanced Analytical Techniques (Certificate Course)**

Sr. No.	Training Programme	Duration	Fees (INR)		
			Individual	Group of 5 Fee per person	Group of 10 Fees per person
I	Analytical techniques				
1.	HPTLC, Finger printing, qualitative and quantitative estimation of marker compound,	1 week	7000/-	4000/-	3000/-
2.	Chemovariation (by HPTLC) in herbal raw material and PCA analysis	3 days	3000/-	1500/-	1000/-
3.	HPLC	1 week	8000/-	5000/-	3500/-
4.	spectrophotometer	2 days	1500/-	700/-	500/-
5.	Spectrofluorimeter	2 days	2000/-	1200/-	700/-
6.	Flash chromatography	2 days	5000/-	3000/-	2000/-
7.	Antioxidant assays (4 assays)	2 days	4000/-	2500/-	1500/-
8.	Assessment of phytochemical groups and estimation of total phenolics/Tannins, alkaloids	2 days	3000/-	1500/-	1000/-
9.	MS/MS	2 days	4000/-	2000/-	1500/-
10	HPLC, HPTLC	1 week	10,000	7000/-	4500/-
II	Molecular Biology / Cell Biology				
1.	PCR	2 days	4000/-	1500/-	1000/-
2.	Real time PCR	2 days	5000/-	2500/-	2200/-
3.	DNA isolation (plasmid/genomic), gel electrophoresis	2 days	2500/-	1000/-	800/-
4.	RNA isolation, cDNA preparation	2 days	8000/-	3000/-	1500/-
5.	Molecular marker AFLP, Phylogenetic tree preparation	1 week	7000/-	4000/-	3000/-
6.	DNA bar coding, DNA based authentication of herbal raw material,	1 week	8000/-	5000/-	4500/-
7.	Animal Cell culture, cryo preservation, revival, cell counting and MTT assay	1 week	10000/-	5000/-	3500/-
8.	Fluorescent assisted cell sorter basics	3 days	-	5000/-	3000/-
9.	PAGE and Western Blot	3 days	-	5000/-	3500/-

*Can be planned any time of the year. Group training for industry personals at weekends (2nd and 4th Saturdays and all Sundays), is possible with 30% extra charge. Group training for students during vacation can be arranged. Less than 8 will be charged as group of 5 and less than 4 will be as individual.

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