

**Short term Training Programme schedule Nov'22 – Mar'23**

**The course provides understanding of basic concepts along with hands-on experience to run the software and handle the Bio-Analytical instruments**

<b>S.No</b>	<b>Course</b>	<b>Tentative Date</b>	<b>No. of days / Sessions</b>	<b>Tentative Course Fee in Rs.</b>
1	Mutation analysis	26 <sup>th</sup> Nov 2022 <b>(Online)</b>	1 / 2	550
2	Primer designing & Gene expression analysis (qRT-PCR)	15 <sup>th</sup> & 16 <sup>th</sup> Dec 2022 <b>(Offline)</b>	2 / 1	1600
3	Western blotting	7 <sup>th</sup> & 8 <sup>th</sup> Jan 2023 <b>(Offline)</b>	2 / 4	1750
4	Molecular techniques & gene expression analysis (RNA isolation, cDNA synthesis, RT-PCR)	26 <sup>th</sup> & 27 <sup>th</sup> Jan 2023 <b>(Offline)</b>	2 / 4	2000
5	DNA Sangers sequencing data analysis	15 <sup>th</sup> Feb 2023 <b>(Online)</b>	1 / 2	600
6	Mutation analysis	28 <sup>th</sup> Feb 2023 <b>(Online)</b>	1 / 2	550
7	RT-PCR	13 <sup>th</sup> March 2023 <b>(Offline)</b>	1 / 2	1000
8	Big data analysis	25 <sup>th</sup> March 2023 <b>(Online)</b>	1 / 2	800

**Short term Training Programme schedule Nov'22 – Mar'23**

**The course provides understanding of basic concepts along with hands-on experience to run the software and handle the Analytical instruments**

S.No	Course	Tentative Date	No. of days / Sessions	Tentative Course Fee in Rs.
1	<b>HPLC/UPLC:</b> Principles, parts of the instruments , column selection , mobile phase optimization and quantification of the components	28 <sup>th</sup> Nov 2022  (Online)	1/ 1	350
2	<b>HPLC, UPLC and AAS:</b> 1)HPLC/UPLC: Principles, method development of the simple molecules , column selection , mobile phase optimization and Software handling  2) AAS Principles, standard and sample preparation for the different metals and software handling	29 <sup>th</sup> Nov 2022  (3days) (Offline)	3/ 4	3500
3	<b>HPLC/UPLC:</b> Principles, parts of the instruments , column selection , mobile phase optimization and quantification of the components	5 <sup>th</sup> & 19 <sup>th</sup> Dec 2022  (Online)	1/ 1	350
4	<b>HPLC, UPLC and AAS:</b> 1)HPLC/UPLC: Principles, method development of the simple molecules , column selection , mobile phase optimization and Software handling  2) AAS Principles, standard and sample preparation for the different metals and software handling	6 <sup>th</sup> & 20 <sup>th</sup> Dec 2022  (3days) (Offline)	3/ 4	3500
5	<b>PLC/UPLC:</b> Principles, parts of the instruments , column selection , mobile phase optimization and quantification of the components	2 <sup>ed</sup> & 16 <sup>th</sup> Jan 2023 (Online)	1/ 1	350
6	<b>HPLC, UPLC and AAS:</b> 1)HPLC/UPLC: Principles, method development of the simple molecules , column selection , mobile phase optimization and Software handling  2) AAS Principles, standard and sample preparation for the different metals and software handling	3 <sup>ed</sup> & 7 <sup>th</sup> Jan 2023 (3days) (Offline)	3/ 4	3500



# VIT®

VIT-Technology Business Incubator

7	<b>HPLC/UPLC:</b> Principles, parts of the instruments , column selection , mobile phase optimization and quantification of the components	6 <sup>th</sup> & 20 <sup>th</sup> Feb 2023 <b>(Online)</b>	1/ 1	350
8	<b>HPLC, UPLC and AAS:</b> 1) HPLC/UPLC: Principles, method development of the simple molecules , column selection , mobile phase optimization and Software handling.  2) AAS Principles, standard and sample preparation for the different metals and software handling	7 <sup>th</sup> & 21 <sup>ST</sup> Feb 2023 (3days) <b>(Offline)</b>	3/ 4	3500
9	<b>HPLC/UPLC:</b> Principles, parts of the instruments , column selection , mobile phase optimization and quantification of the components	6 <sup>th</sup> & 20 <sup>th</sup> Mar 2023 <b>(Online)</b>	1/ 1	350
10	<b>HPLC, UPLC and AAS:</b> 1)HPLC/UPLC: Principles, method development of the simple molecules , column selection , mobile phase optimization and Software handling 2) AAS Principles, standard and sample preparation for the different metals and software handling	7 <sup>th</sup> & 21 <sup>ST</sup> Mar 2023 (3days) <b>(Offline)</b>	3/ 4	3500

Eligibility : B.Sc. / M.Sc. in Chemistry, Bio-Chemistry, Biotechnology, Microbiology and Research Scholars

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

Online payment: A/C: 407580535 (INDIAN BANK), IFSC CODE: IDIB000V086

For further details contact:-

The Co-ordinator (Analytical Instrumentation Program),  
Technology Tower, Room No: 012,  
BIRAC-BioNEST Laboratory, VIT, Vellore – 632 014,  
Phone: 0416-220 2306 / 2301 / 2243097  
Email: johnjoseph.j@vit.ac.in / jagannathan.v@vit.ac.in  
Website: www.vittbi.com