

Time schedule of
“HPLC, PCR, Gel-Doc & Spectrometry”

at

CytoGene Research & Development, Lucknow

Day 1 (11 May 2019, Monday)

S.N.	Time	Program
1	10:00 – 11:15	Introductory Lecture of DNA Isolation
Break		
2	11:30 – 12:45	DNA Isolation – Part 1
Lunch		
3	01:15 – 02:30	DNA Isolation – Part 2
Break		
4	02:45 – 04:00	DNA Isolation – Part 3

Day 2 (12 May 2019, Tuesday)

S.N.	Time	Program
1	10:00 – 11:15	Agarose Gel Electrophoresis & analysis of Result on Gel-Doc
Break		
2	11:30 – 12:45	Introductory Lecture of Methods of Protein Isolation
Lunch		
3	01:15 – 02:30	Crude Extraction of protein by Soxhlet – Part 1
Break		
4	02:45 – 04:00	Crude Extraction of protein by Soxhlet – Part 2

Day 3 (13 May 2019, Wednesday)

S.N.	Time	Program
1	10:00 – 11:15	Introductory Lecture of Chromatographic Techniques
Break		
2	11:30 – 12:45	Partial Purification by Column Chromatography
Lunch		
3	01:15 – 02:30	Setup of TLC (Thin Layer Chromatography)
Break		
4	02:45 – 04:00	Setup of Paper Chromatography

Day 4 (14 May 2019, Thursday)

S.N.	Time	Program
1	10:00 – 11:15	Introductory Lecture of SDS PAGE
Break		
2	11:30 – 12:45	Sample / Reagent Preparation of SDS PAGE
Lunch		
3	01:15 – 02:30	Setup & Running of SDS PAGE
Break		
4	02:45 – 04:00	Staining & Distaining of SDS PAGE

Day 5 (15 May 2019, Friday)

S.N.	Time	Program
1	10:00 – 11:15	Introductory Lecture of PCR
Break		
2	11:30 – 12:45	Preparation of Master Mix for PCR
Lunch		
3	01:15 – 02:30	Setup of PCR
Break		
4	02:45 – 04:00	Analysis of Result on Gel-Doc

Day 6 (16 May 2019, Saturday)

S.N.	Time	Program
1	10:00 – 11:15	Introductory Lecture of HPLC
Break		
2	11:30 – 12:45	Preparation of Sample for HPLC
Lunch		
3	01:15 – 02:30	Running of HPLC & Data Analysis
Break		
4	02:45 – 04:00	Running of HPLC & Data Analysis

Day 7 (17 May 2019, Sunday)

S.N.	Time	Program
1	10:00 – 11:30	Question & Answer Session
Break		
2	11:45 – 12:30	Certificate Distribution & Valedictory session

Note: Lunch & Tea will be provided during break.