

**36th Batch MLT**  
**Department of Biochemistry**  
**GMC, Bhavnagar**  
**Theory Lecture Schedule 2023-24**

Sr No.	MLT Topic	Taken By	Date
1	Sample Collection Process & Transport of patient sample	Dr Subhankar Jha	22/08/2023
2	Sample rejection & acceptance	Dr Subhankar Jha	29/08/2023
3	Pre-Analytic variation	Dr Sapna Patel	05/09/2023
4	Centrifugation	Dr Sanjay Parmar	12/09/2023
5	Colorimeter and Principle	Dr Sanjay Parmar	26/09/2023
6	Fully Automated - Semi Automated Biochemistry Analyzer	Dr Hina Baraiya	03/10/2023
7	Quality Control - IQC - Type, Analysis, Rule, RCA, L-J Chart	Dr Gopala Krishnan	10/10/2023
8	Quality Control - EQAS - Type, Analysis, Rule, RCA, L-J Chart	Dr Gopala Krishnan	17/10/2023
9	ISE Electrolyte - Analysis	Dr Sapna Patel	31/10/2023
10	Analytic technic - End Point - Kinetic - Fix Kinetics	Dr Sapna Patel	07/11/2023
11	Arterial Blood Gas - Sample Collection Process & Analysis Technic - ISE	Dr Gopala Krishnan	
12	CLIA - eCLIA - MCLIA - ELISA -RIA	Dr Gopala Krishnan	
13	Safety in Clinical Laboratory - PPE , Care & Management of Hazzard	Dr Subhankar Jha	
14	Biomedical Waste Management	Dr Sapna Patel	
15	Blood spillage and Needle Stick Injury	Dr Sanjay Parmar	
16	Fire Safety	Dr Subhankar Jha	
17	Release and Reporting of result - Critical Value , TAT, Amendment of Report	Dr Hina Baraiya	
18	In House Calibration of Pipeette and Centrifuge	Dr Sapna Patel	
19	Point of Care Testing	Dr Sapna Patel	
20	Preration of Laboratory for NABL accreditation process	Dr Gopala Krishnan	
21	Method of Glucose Estimation - OGTT	Dr Sanjay Parmar	
22	Documetation related to ISO 15189	Dr Sapna Patel	
23	Normality , Molarity, W/V, V/V - Calculation of Biochemistry	Dr Sanjay Parmar	
24	Electrophoresis - Type, Principle, Significant	Dr Subhankar Jha	
25	Chromatography - Type, Principle, Significant	Dr Sanjay Parmar	
26	Automation in Biochemistry Laboratory	Dr Gopala Krishnan	
27	Flame photometer	Dr Gopala Krishnan	
28	Lipid Profile	Dr Sanjay Parmar	
29	Liver Function Test	Dr Hina Baraiya	
30	Renal Function Test With Urinary Examination	Dr Subhankar Jha	
31	Cardic Function Test	Dr Subhankar Jha	
32	Thyroid Function Test	Dr Sanjay Parmar	