

**K V G MEDICAL COLLEGE, SULLIA**  
**Department of Biochemistry**  
**Teaching Schedule for I MBBS 2022-23 batch**

**Mrs. Prajna R H**

Sl No	Date	Teaching Method	Topic
1.	04/01/2023	SGT	Laboratory equipments, laboratory glassware's
2.	12/01/2023	SGT	Biological sample collection and preservation
3.	13/01/2023	SGT	Biological sample collection and preservation
4.	13/01/2023	SGT	Biological sample collection and preservation.
5.	16/01/2023	SGT	Hazards materials in clinical lab, lab safety procedure & general lab rules, laboratory first aid.
6.	17/01/2023	SGT	Biological sample collection and preservation – Urine collection & preservation.
7.	18/01/2023	SGT	Biological sample collection and preservation – Urine collection & preservation.
8.	23/01/2023	SGT	Biological sample collection and preservation – Urine collection & preservation.
9.	24/01/2023	SGT	Phlebotomy
10.	25/01/2023	SGT	Phlebotomy
11.	08/02/2023	SGT	Analysis of normal constituents in urine – inorganic constituents
12.	09/02/2023	SGT	Analysis of organic constituents of normal urine
13.	10/02/2023	SGT	Analysis of organic constituents of normal urine
14.	10/02/2023	SGT	Analysis of organic constituents of normal urine
15.	13/02/2023	SGT	Analysis of normal constituents of urine
16.	14/02/2023	SGT	Analysis of normal constituents of urine
17.	15/02/2023	SGT	Analysis of normal constituents of urine
18.	16/02/2023	Seminar	phospholipids & its importance, ABO group substances, Glycosaminoglycans, Immunoglobulins – strycture & its function, Primary structure of proteins
19.	17/02/2023	Seminar	phospholipids & its importance, ABO group substances, Glycosaminoglycans, Immunoglobulins – strycture & its function, Primary structure of proteins


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20.	17/02/2023	Seminar	phospholipids & its importance, ABO group substances, Glycosaminoglycans, Immunoglobulins – structure & its function, Primary structure of proteins
21.	20/02/2023	SGT	Instructions on analysis of abnormal constituents in urine
22.	21/02/2023	SGT	Instructions on analysis of abnormal constituents in urine
23.	22/02/2023	SGT	Instructions on analysis of abnormal constituents in urine
24.	27/02/2023	SGT	Practical - analysis of abnormal constituents in urine
25.	28/02/2023	SGT	Practical - analysis of abnormal constituents in urine
26.	01/03/2023	SGT	Analysis of abnormal constituent in urine
27.	02/03/2023	SGT	Analysis of abnormal constituent in urine
28.	06/03/2023	SGT	Unknown sample identification
29.	08/03/2023	SGT	Identification of unknown abnormal constituents in given urine sample
30.	27/03/2023	SGT	Instruction – Spectrophotometer
31.	28/03/2023	SGT	Instruction – Spectrophotometer
32.	29/03/2023	SGT	Instruction – Spectrophotometer
33.	03/04/2023	SGT	Automation in clinical biochemistry
34.	04/04/2023	SGT	Automation in clinical biochemistry
35.	05/04/2023	SGT	Automation in clinical biochemistry
36.	06/04/2023	SGT	Instruction on estimation of glucose by GOD-POD method
37.	07/04/2023	SGT	Instruction on estimation of glucose by GOD-POD method
38.	07/04/2023	SGT	Instruction on estimation of glucose by GOD-POD method
39.	10/04/2023	SGT	Practical – estimation of glucose by GOD – POD method
40.	11/04/2023	SGT	Practical estimation of glucose by GOD-POD method
41.	12/04/2023	SGT	Practical estimation of glucose by GOD-POD method
42.	17/04/2023	SGT	Practical estimation of glucose by GOD-POD method
43.	24/04/2023	SGT	Estimation of blood urea by Urease GLDH method.
44.	28/04/2023	SGT	Instructions on estimation of blood urea by Urease, GLDH method
45.	28/04/2023	SGT	Instructions on estimation of blood urea by Urease, GLDH method
46.	02/05/2023	SGT	Estimation of blood urea by GLDH

			method
47.	03/05/2023	SGT	Estimation of blood urea by GLDH method
48.	04/05/2023	Seminar	G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
49.	05/05/2023	Seminar	G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
50.	05/05/2023	Seminar	G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
51.	08/05/2023	SGT	Estimation of total protein by Biuret method -Instruction
52.	09/05/2023	SGT	Estimation of total protein by Biuret method -Instruction
53.	15/05/2023	SGT	Estimation of total protein by Biuret method - Practicals
54.	16/05/2023	SGT	Estimation of total protein by Biuret method - Practicals
55.	17/05/2023	SGT	Estimation of total protein by Biuret method - Practicals
56.	18/05/2023	SGT	Interpretation of Total Protein by Biuret method
57.	19/05/2023	SGT	Interpretation of Total Protein by Biuret method
58.	19/05/2023	SGT	Interpretation of Total Protein by Biuret method
59.	22/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) - instructions
60.	23/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) - instructions
61.	24/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) - instructions
62.	25/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
63.	26/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
64.	26/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
65.	29/05/2023	SGT	Practicals on estimation of urinary creatinine by Jaffe's method
66.	30/05/2023	SGT	Practicals on estimation of urinary creatinine by Jaffe's method
67.	31/05/2023	SGT	Practicals on estimation of urinary creatinine by Jaffe's method

68.	01/06/2023	SGT	Repetition of serum creatinine estimation by Jaffe's method
69.	02/06/2023	SGT	Repetition of serum creatinine estimation by Jaffe's method
70.	08/06/2023	SGT	Estimation of serum Albumin by Bromo Cresol Green method
71.	09/06/2023	SGT	Estimation of serum Albumin by Bromo Cresol Green method
72.	12/06/2023	SGT	Discussion of serum albumin estimation
73.	13/06/2023	SGT	Discussion of serum albumin estimation
74.	22/06/2023	SGT	Estimation of serum uric acid by uricase method
75.	23/06/2023	SGT	Estimation of serum uric acid by uricase method
76.	23/06/2023	SGT	Estimation of serum uric acid by uricase method
77.	27/06/2023	SGT	Estimation of serum cholesterol by GOD/ POD method
78.	30/06/2023	SGT	Estimation of serum cholesterol by GOD/ POD method
79.	03/07/2023	Seminar	Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
80.	04/07/2023	Seminar	Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
81.	05/07/2023	Seminar	Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
82.	06/07/2023	SGT	Quality control
83.	07/07/2023	SGT	Quality control
84.	07/07/2023	SGT	Quality control
85.	10/07/2023	SGT	Estimation of AST by IFCC method
86.	11/07/2023	SGT	Estimation of AST by IFCC method
87.	12/07/2023	SGT	Estimation of AST by IFCC method
88.	13/07/2023	SGT	Estimation of ALT by IFCC method
89.	14/07/2023	SGT	Estimation of ALT by IFCC method
90.	31/07/2023	SGT	CSF analysis
91.	09/08/2023	OSPE	(Glucometer)
92.	10/08/2023	Case discussion	GTT & inborn errors of metabolism
93.	11/08/2023	Case discussion	GTT & inborn errors of metabolism
94.	11/08/2023	Case discussion	GTT & inborn errors of metabolism
95.	18/08/2023	OSPE	Urine dipstick test
96.	21/08/2023	Case discussion	Vitamins & minerals
97.	22/08/2023	OSPE	Hay's sulphur test

			Heller's nitric acid test
98.	23/08/2023	OSPE	Hay's sulphur test Heller's nitric acid test
99.	24/08/2023	OSPE	Hay's sulphur test
100.	25/08/2023	OSPE	Hay's sulphur test Heller's nitric acid test
101.	25/08/2023	Case discussion	LFT & RFT
102.	28/08/2023	Case discussion	LFT & RFT
103.	29/8/2023	Case discussion	LFT & RFT
104.	30/08/2023	OSPE	Jaffe's test
105.	31/08/2023	OSPE	Rothera's test
106.	11/09/2023	SGT	Normal urine analysis abnormal constituents of urine
107.	12/09/2023	SGT	Normal urine analysis abnormal constituents of urine
108.	13/09/2023	SGT	Normal urine analysis abnormal constituents of urine

  
DEAN  
K.V.G. Medical College & Hospital  
Kurujibagh - 574 327  
Sullia Taluk, Dakshina Kannada

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**Department of Biochemistry**

**Teaching Schedule for I MBBS 2023-24 batch**

**Mrs. Prajna R H**

Sl No	Date	Teaching Method	Topic
1.	13/10/2023	SGT	laboratory glassware's used in Biochemistry laboratory
2.	13/10/2023	SGT	laboratory glassware's used in Biochemistry laboratory
3.	26/10/2023	SGT	Biological sample collection and preservation
4.	27/10/2023	SGT	Biological sample collection and preservation
5.	27/10/2023	SGT	Biological sample collection and preservation.
6.	02/11/2023	SGT	Blood sample collection & preservation
7.	03/11/2023	SGT	Blood sample collection & preservation
8.	03/11/2023	SGT	General laboratory rules & procedure
9.	08/11/2023	SGT	Urine sample collection and preservation
10.	10/11/2023	SGT	Biomedical waste management
11.	10/11/2023	SGT	Biomedical waste management
12.	15/11/2023	SGT	Record correction & SDL topic correction

DEAN  
K.V.G. Medical College & Hospital  
Kannur - 574 321  
Sullia Taluk, Dakshina Kannur