

**K V G MEDICAL COLLEGE, SULLIA**

**Department of Biochemistry**

**MBBS Phase I: CBME (RS4) Theory & Practical Teaching Schedule for November 2023 to October, 2024**

**Mr. Sudhakar T J**  
Tutor

Sl.No	Date	Teaching Method	Topic	
1.	06/11/2023	SGT	Urine sample collection and preservation	BI 11.16, 11.19
2.	07/11/2023	SGT	Urine sample collection and preservation	BI 11.16, 11.19
3.	09/11/2023	SGT	Biomedical waste management	BI 11.1
4.	20/11/2023	SGT	Urine analysis instruction	BI 11.3, 11.4
5.	21/11/2023	SGT	Urine analysis instruction	BI 11.3, 11.4
6.	22/11/2023	SGT	Urine analysis instruction	BI 11.3, 11.4
7.	23/11/2023	SGT	Inorganic constituents in urine	BI 11.3
8.	24/11/2023	SGT	Inorganic constituents in urine	BI 11.3
9.	24/11/2023	SGT	Inorganic constituents in urine	BI 11.3
10.	05/12/2024	SGT	Urine analysis -normal	BI 11.3
11.	06/12/2024	SGT	Urine analysis -normal	BI 11.3
12.	07/12/2024	SGT	Urine analysis -normal	BI 11.3
13.	08/12/2024	SGT	Analysis of abnormal constituents in urine	BI 11.4, 11.20
14.	08/12/2024	SGT	Analysis of abnormal constituents in urine	BI 11.4, 11.20
15.	11/12/2024	SGT	Analysis of abnormal constituents in urine	BI 11.4, 11.20
16.	12/12/2024	SGT	Abnormal constituents in urine practical	BI 11.4, 11.20
17.	13/12/2024	SGT	Abnormal constituents in urine practical	BI 11.4, 11.20
18.	14/12/2024	SGT	Abnormal constituents in urine-Repeat	BI 11.4, 11.20
19.	15/12/2024	SGT	Abnormal constituents in urine-Repeat	BI 11.4, 11.20
20.	18/12/2024	SGT	Abnormal constituents in urine-Repeat	BI 11.4, 11.20
21.	18/12/2024	SGT	Identification of unknown abnormal constituents in urine and normal urine analysis	BI 11.3, BI 11.4, 11.20
22.	19/12/2024	SGT	Identification of unknown abnormal constituents in urine and normal urine analysis	BI 11.3, BI 11.4, 11.20
23.	01/01/2024	SGT	Colorimetry	BI 11.2, BI 11.6, BI 11.9
24.	02/01/2024	SGT	Colorimetry	BI 11.2, BI 11.6, BI 11.9
25.	03/01/2024	SGT	Colorimetry	BI 11.2, BI 11.6, BI 11.9
26.	04/01/2024	SGT	Glucose estimation by GOD-POD instructions	BI 11.21, BI 3.10
27.	08/01/2024	SGT	Glucose estimation by GOD-POD -Practical	BI 11.21, BI 3.10
28.	09/01/2024	SGT	Glucose estimation by GOD-POD -Practical	BI 11.21, BI 3.10
29.	10/01/2024	SGT	Glucose estimation by GOD-POD -Practical	BI 11.21, BI 3.10
30.	12/01/2024	SGT	Glucose estimation by GOD-POD -repeat	BI 11.21, BI 3.10
31.	12/01/2024	SGT	Glucose estimation by GOD-POD -repeat	BI 11.21, BI 3.10
32.	16/01/2024	SGT	Glucose estimation by GOD-POD -repeat	BI 11.21, BI 3.10
33.	17/01/2024	SGT	Total protein estimation by Biuret method-instruction	BI 11.8, BI 11.21

34.	25/01/2024	SGT	Total Proteins estimations Biuret method – Practicals	BI 11.8, BI 11.21
35.	29/01/2024	SGT	Estimation of Albumin by BCG method	BI 11.8, BI 11.21
36.	30/01/2024	SGT	Estimation of Albumin by BCG method	BI 11.8, BI 11.21
37.	31/01/2024	SGT	Estimation of Albumin by BCG method	BI 11.8, BI 11.21
38.	01/02/2024	SGT	Estimation of urea by urease –GLDH method-Instructions	BI 11.21
39.	02/02/2024	SGT	Estimation of urea by urease –GLDH method-Instructions	BI 11.21
40.	08/02/2024	SGT	Urea – Discussion Creatinine by Jaffe’s alkalinepicrate metod- Instruction	BI 11.7, BI 11.21
41.	12/02/2024	SGT	Serum Creatinine estimation	BI 11.7, BI 11.21
42.	08/02/2024	SGT	Urea – Discussion Creatinine by Jaffe’s alkalinepicrate metod- Instruction	BI 11.7, BI 11.21
43.	16/02/2024	SGT	Urine Creatinine estimation	BI 11.7, BI 11.21
44.	16/02/2024	SGT	Urine Creatinine estimation	BI 11.7, BI 11.21
45.	19/02/2024	SGT	Serum creatinine estimation –repeat & Creatinine clearance	BI 11.7, BI 11.21
46.	20/02/2024	SGT	Serum creatinine estimation –repeat & Creatinine clearance	BI 11.7, BI 11.21
47.	21/02/2024	SGT	Serum creatinine estimation –repeat & Creatinine clearance	BI 11.7, BI 11.21
48.	29/02/2024	SGT	Glucose tolerance test	BI 3.2, BI 3.3, BI 3.4, BI 3.5, BI 3.6, BI 3.7, BI 3.9
49.	01/03/2024	SGT	Glucose tolerance test	BI 3.2, BI 3.3, BI 3.4, BI 3.5, BI 3.6, BI 3.7, BI 3.9
50.	01/03/2024	SGT	Glucose tolerance test	BI 3.2, BI 3.3, BI 3.4, BI 3.5, BI 3.6, BI 3.7, BI 3.9
51.	04/03/2024	SGT	Estimation of uric acid	BI 6.2, BI 6.3, BI 6.4
52.	05/03/2024	SGT	Estimation of uric acid	BI 6.2, BI 6.3, BI 6.4
53.	06/03/2024	SGT	Estimation of uric acid	BI 6.2, BI 6.3, BI 6.4
54.	11/03/2024	SGT	Inborn errors of protein metabolism	BI 5.3, BI 5.4, BI 5.5, BI 11.17
55.	12/03/2024	SGT	Inborn errors of protein metabolism	BI 5.3, BI 5.4, BI 5.5, BI 11.17
56.	13/03/2024	SGT	Inborn errors of protein metabolism	BI 5.3, BI 5.4, BI 5.5, BI 11.17
57.	21/03/2024	SGT	Estimation of cholesterol	BI 11.9
58.	22/03/2024	SGT	Cholesterol estimation -Instruction	BI 11.9
59.	22/03/2024	SGT	Cholesterol estimation -Instruction	BI 11.9
60.	25/03/2024	SGT	Cholesterol estimation - Practicals	BI 11.9
61.	26/03/2024	SGT	Cholesterol estimation - Practicals	BI 11.9
62.	27/03/2024	SGT	Cholesterol estimation - Practicals	BI 11.9
63.	01/04/2024	SGT	Estimation of serum AST by IFCC method	BI 11.13
64.	02/04/2024	SGT	Estimation of serum AST by IFCC method	BI 11.13
65.	03/04/2024	SGT	Estimation of serum AST by IFCC method	BI 11.13
66.	05/04/2024	SGT	Estimation of serum ALT by IFCC method	BI 11.13
67.	08/04/2024	SGT	Water soluble vitamins	BI6.5
68.	10/04/2024	SGT	Water soluble vitamins	BI6.5

69.	12/04/2024	SGT	Acid base balance	BI6.7, BI6.8, BI 11.17
70.	12/04/2024	SGT	Acid base balance	BI6.7, BI6.8, BI 11.17
71.	16/04/2024	SGT	Alkaline phosphatase estimation by IFCC method	BI 11.14
72.	19/04/2024	SGT	Estimation of calcium by arsenazo method	BI11.11
73.	19/04/2024	SGT	Estimation of calcium by arsenazo method	BI11.11
74.	22/04/2024	SGT	Point mutation Human Genome Project Antivitamins & its application Cell cycle DNA probes Blotting techniques	BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 6.5 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.4
75.	23/04/2024	SGT	Point mutation Human Genome Project Antivitamins & its application Cell cycle DNA probes Blotting techniques	BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 6.5 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.4
76.	24/04/2024	SGT	Point mutation Human Genome Project Antivitamins & its application Cell cycle DNA probes Blotting techniques	BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 6.5 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.1, BI 7.2, BI 7.3, BI 9.3 BI 7.4
77.	25/04/2024	SGT	Estimation of inorganic phosphate by phosphomolybdate UV method	BI 11.11
78.	29/04/2024	SGT	Record correction	
79.	02/05/2024	SGT	CSF analysis biochemical parameters reference interval	BI 11.15
80.	03/05/2024	SGT	CSF analysis biochemical parameters reference interval	BI 11.15
81.	03/05/2024	SGT	OSPE -1Glucometer	BI 11.21
82.	06/05/2024	SGT	OSPE -1Glucometer	BI 11.21
83.	07/05/2024	SGT	OSPE -1Glucometer	BI 11.21
84.	08/05/2024	SGT	ECE 5 ABG	BI 6.7, 6.8
85.	09/05/2024	SGT	ECE 5 ABG	BI 6.7, 6.8
86.	10/05/2024	SGT	ECE 5 ABG	BI 6.7, 6.8
87.	10/05/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
88.	13/05/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
89.	14/05/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
90.	15/05/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
91.	16/05/2024	SGT	OSPE -3 Hay's sulfur test	BI 11.4, 11.21
92.	17/05/2024	SGT	OSPE -3 Hay's sulfur test	BI 11.4, 11.21

93.	17/05/2024	SGT	OSPE -3 Hay's sulfur test	BI 11.4, 11.21
94.	20/05/2024	SGT	ECE-LFT & RFT	BI 6.13-6.15, 11.17
95.	21/05/2024	SGT	ECE-LFT & RFT	BI 6.13-6.15, 11.17
96.	22/05/2024	SGT	ECE-LFT & RFT	BI 6.13-6.15, 11.17
97.	23/05/2024	SGT	ECE- Vitamins & minerals	BI6.5, 6.9, 6.10
98.	24/05/2024	SGT	ECE- Vitamins & minerals	BI6.5, 6.9, 6.10
99.	24/05/2024	SGT	ECE- Vitamins & minerals	BI6.5, 6.9, 6.10
100.	27/05/2024	SGT	OSPE-4 Jaffe's Creatinine picrate test	BI 11.3, 11.4
101.	28/05/2024	SGT	OSPE-4 Jaffe's Creatinine picrate test	BI 11.3, 11.4
102.	29/05/2024	SGT	OSPE-4 Jaffe's Creatinine picrate test	BI 11.3, 11.4
103.	03/06/2024	SGT	Von Gierke's deacease Protein energy malnutrition Regulation, function and deficiency of iron Conjugation in detoxification Mechanism of action of group I hormones Multiple myeloma Balanced diet	BI 3.4, 3.8 BI 8.2 BI 6.9  BI 7.5  BI 5.2 BI 8.3
104.	04/06/2024	SGT	Von Gierke's deacease Protein energy malnutrition Regulation, function and deficiency of iron Conjugation in detoxification Mechanism of action of group I hormones Multiple myeloma Balanced diet	BI 3.4, 3.8 BI 8.2 BI 6.9  BI 7.5  BI 5.2 BI 8.3
105.	05/06/2024	SGT	Von Gierke's deacease Protein energy malnutrition Regulation, function and deficiency of iron Conjugation in detoxification Mechanism of action of group I hormones Multiple myeloma Balanced diet	BI 3.4, 3.8 BI 8.2 BI 6.9  BI 7.5  BI 5.2 BI 8.3
106.	13/06/2024	SGT	Wilson's disease Sickle cell anemia Structure & functions of collages One carbon metabolism Pre analytical factors in sample collection Secondary messengers	BI 6.10 BI 6.12 BI 9.1 BI 6.5 BI 11.16, 11.19
107.	14/06/2024	SGT	Wilson's disease Sickle cell anemia Structure & functions of collages One carbon metabolism Pre analytical factors in sample collection Secondary messengers	BI 6.10 BI 6.12 BI 9.1 BI 6.5 BI 11.16, 11.19

108.	14/06/2024	SGT	Wilson's disease Sickle cell anemia Structure & functions of collages One carbon metabolism Pre analytical factors in sample collection Secondary messengers	BI 6.10 BI 6.12 BI 9.1 BI 6.5 BI 11.16, 11.19
109.	18/06/2024	SGT	Biochemistry of cancer	BI 10.1, 10.2
110.	19/06/2024	SGT	Immunology	BI 10.3
111.	24/06/2024 to 26/06/2024	3 <sup>rd</sup> IAE Practical	Glucometer Urine dip stick	BI 11.21 BI 11.21
112.	01/07/2024	SGT	CSF analysis biochemical parameters reference interval	BI 11.15
113.	02/07/2024	SGT	OSPE -1 Glucometer	BI 11.21
114.	03/07/2024	SGT	OSPE -1 Glucometer	BI 11.21
115.	08/07/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
116.	09/07/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
117.	11/07/2024	SGT	OSPE-2 Urine dip stick	BI 11.21
118.	12/07/2024	SGT	OSPE -3 Hay's sulfur test	BI 11.4, 11.21
119.	07/11/2024	SGT	Biomedical waste management	BI 11.1
120.	08/11/2024	SGT	Biomedical waste management	BI 11.1

*N. N. N.*  
Dean  
K.V.G. Medical College and Hospital  
Kurumbhag - 574 327, Sullia, D. K.

*Shankar Y M*  
Dr. Shivaraja Shankara Y M  
PROFESSOR & HEAD  
DEPARTMENT OF BIOCHEMISTRY  
K.V.G. MEDICAL COLLEGE  
KURUNJIBAG, PIN : 574327 SULLIA D. K.

PROFESSOR & HEAD  
DEPARTMENT OF BIOCHEMISTRY  
K. J. SOMAIYA MEDICAL COLLEGE  
CHANDRAPUR, PIN-431004

Dean  
K. J. Somaiya Medical College and Hospital  
Chandrapur, Maharashtra