

SYLLABUS DESIGNER:

- Dr.V. Prabha, Head & Assistant Professor of Bio-Chemistry.
- Ms.T. Nalini, Assistant Professor of Bio-Chemistry.

CORE PRATICAL IV**HAEMATOLOGY AND URINE ANALYSIS**

Sem	Sub. Code	Category	Lecture		Theory		Practical		Credit
			Hrs/ week	Hrs/ sem.	Hrs/week	Hrs/ sem.	Hrs/ Week	Hrs/ sem.	
VI	21CBC62	Core Practical	-	-	-	-	4	60	3

I. HAEMATOLOGY

1. Blood grouping and Rh typing
2. Bleeding Time
3. Clotting Time
4. Prothrombin Time
5. Total RBC Count
6. Total WBC Count
7. Total Platelet Count

II. URINE ANALYSIS

1. Estimation of Creatinine in urine by Jaffe's method
2. Estimation of Urea in urine by Diacetylmonoxime method
3. Estimation of Uric acid in urine by Caraway's method
4. Qualitative analysis of normal constituent of urine
5. Qualitative analysis of abnormal constituent of urine.
6. Qualitative analysis of urinary calculi.
7. Microscopic analysis of urine.

TEXT BOOKS

S. NO	AUTHORS	TITLE	PUBLISHERS	YEAR OF PUBLICATION
1.	RanjnaChawla	Practical Clinical Biochemistry Methods and Interpretations	Jaypee Brothers Medical Publishers	2014
2.	Harold Varley	Practical Clinical Biochemistry	CBS	2005
3.	DamodaranGeetha K	Practical biochemistry	Jaypee Brothers Medical Publishers	2016
4.	J.Jayaraman	Laboratory Manual in Biochemistry	New age International publishers	2011
5.	RamnikSood	Medical laboratory Technology	Jaypee	2006

SYLLABUS DESIGNER:

- Dr.B. Hebsibah Elsie, Assistant Professor of Bio-Chemistry
- Dr.K. Shoba, Assistant Professor of Bio-Chemistry