

**7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN  
MEDICAL LABORATORY TECHNOLOGY**

**FIRST SEMESTER**

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
1.1	*Communication Skills – I	3	-	2	25	25	100	3	50	3	200
1.2	Basic Chemistry	3	-	2	25	25	100	3	50	3	200
1.3	Anatomy and Physiology-I	3	-	2	25	25	100	3	50	3	200
1.4	Clinical Microbiology-1	3	-	4	25	25	100	3	50	3	200
1.5	Haematology-1	3	-	4	25	25	100	3	50	3	200
1.6	Clinical Biochemistry-I	3	-	4	25	25	100	3	50	3	200
# Student Centred Activities		-	-	4	-	25	-	-	-	-	25
Total		18	-	22	150	175	600	-	300	-	1225

\* Common with other diploma programmes

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

## SECOND SEMESTER (MEDICAL LABORATORY TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
2.1	*Communication Skills – II	3	-	2	25	25	100	3	50	3	200
2.2	Organic Chemistry	3	-	2	25	25	100	3	50	3	200
2.3	Anatomy and Physiology-II	3	-	2	25	25	100	3	50	3	200
2.4	Clinical Microbiology-II	3	-	4	25	25	100	3	50	3	200
2.5	Haematology-II	3	-	4	25	25	100	3	50	3	200
2.6	Clinical Biochemistry-II	3	-	4	25	25	100	3	50	3	200
#	Student Centred Activities	-	-	4	-	25	-	-	-	-	25
Total		18	-	22	150	175	600	-	300	-	1225

\* Common with other diploma programmes

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

### THIRD SEMESTER (MEDICAL LABORATORY TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
3.1	Clinical Microbiology- III	3	-	3	25	25	100	3	50	3	200
3.2	Haematology-III	3	-	3	25	25	100	3	50	3	200
3.3	Clinical Biochemistry-III	3	-	3	25	25	100	3	50	3	200
3.4	Histopathology & Cytology-I	3	-	3	25	25	100	3	50	3	200
3.5 *	Basics of Information Technology	-	-	4	-	50	-	-	100	3	150
3.6	Transfusion Medicine (Blood Banking)	3	-	2	25	25	100	3	50	3	200
3.7 *	Employability Skills – I	-	-	2	-	25	-	-	50	3	75
# Student Centered Activities including Entrepreneurial Awareness Camp		-	-	5	-	25	-	-	-	-	25
Total		15	-	25	125	225	500	-	400		1250

\* Common with other diploma programmes

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

#### FOURTH SEMESTER (MEDICAL LABORATORY TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
4.1	Clinical Microbiology-IV	3	-	3	25	25	100	3	50	3	200
4.2	Haematology-IV	3	-	3	25	25	100	3	50	3	200
4.3	Clinical Biochemistry-IV	3	-	3	25	25	100	3	50	3	200
4.4	Histopathology & Cytology-II	4	-	3	25	25	100	3	50	3	200
4.5	Medical Laboratory Management	4	-	-	50	-	100	3	-	-	150
4.6 *	Environmental Education	3	-	-	25	-	100	3	-	-	125
4.7 *	Employability Skills - II	-	-	2	-	25	-	-	50	3	75
# Student Centered Activities including Personality Development Awareness Camp		-	-	6	-	25	-	-	-	-	25
Total		20	-	20	175	150	600	-	250	-	1175

\* Common with other diploma programmes

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

**FIFTH SEMESTER (MEDICAL LABORATORY TECHNOLOGY)**

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
5.1	Practical Professional Training-1 (Structured and Supervised)	-	-	40	-	300	-	-	500	3	800
	Total	-	-	40	-	300	-	-	500	3	800

**SIXTH SEMESTER (MEDICAL LABORATORY TECHNOLOGY)**

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Practical Professional Training-1 (Structured and Supervised)	-	-	40	-	300	-	-	500	3	800
	Total	-	-	40	-	300	-	-	500	3	800

