



**Course Name: B.Sc in Medical Laboratory Technology
(BMLT)
Courses Structure**

SEMESTER I								
Sl.	Subject	Period			Credit	Evaluation Scheme		
		L	T	P		Internal	External	Total
1	Human Anatomy and Physiology – I	3	1	0	4	30	70	100
2	Basic Biochemistry	3	1	0	4	30	70	100
3	Computer application	3	1	0	4	30	70	100
4	Remedial Biology / Remedial Mathematics	3	1	0	2	30	70	100
5	Communication English	2	0	0	2	15	35	50
6	Communication English Practical	0	0	2	1	15	35	50
7	Human Anatomy and Physiology – I Practical	0	0	4	2	40	60	100
8	Basic Biochemistry Practical	0	0	4	2	40	60	100
9	Computer application Practical	0	0	4	2	40	60	100
	Total				24			

SEMESTER II								
Sl.	Subject	Period			Credit	Evaluation Scheme		
		L	T	P		Internal	External	Total
1	Human Anatomy and Physiology – II	3	1	0	4	30	70	100
2	Clinical Biochemistry	3	1	0	4	30	70	100
3	Medical Microbiology- I	3	1	0	4	30	70	100
4	Biomedical waste disposal	3	1	0	4	30	70	100
5	Human Anatomy and Physiology . II Practical	-	0	4	2	40	60	100
6	Clinical Biochemisty Practical	-	0	4	2	40	60	100
7	Medical Microbiology - I Practical	-	0	4	2	40	60	100
	Total				22			

SEMESTER III								
Sl.	Subject	Period			Credit	Evaluation Scheme		
		L	T	P		Internal	External	Total
1	General Pathology – I	3	1	0	4	30	70	100
2	Haematology-I	3	1	0	4	30	70	100
3	Medical Microbiology – II	3	1	0	4	30	70	100
4	Histopathology – I	3	1	0	4	30	70	100

5	Histopathology - I Practical	-	0	4	2	30	70	100
6	General Pathology - I Practical	-	0	4	2	40	60	100
7	Medical Microbiology - II Practical	-	0	4	2	40	60	100
8	Haematology-I Practical	-	0	4	2	40	60	100
	Total				24			

SEMESTER IV								
Sl.	Subject	Period			Credit	Evaluation Scheme		
		L	T	P		Internal	External	Total
1	General Pathology – II	3	1	0	4	30	70	100
2	Haematology-II	3	1	0	4	30	70	100
3	Histopathology – II	3	1	0	4	30	70	100
4	Immunology, Serology and bio-safety	3	1	0	4	30	70	100
5	General Pathology - II Practical	-	0	4	2	30	70	100
6	Haematology-II Practical	-	0	4	2	40	60	100
7	Immunology, Serology and bio-safety Practical	-	0	4	2	40	60	100
	Total				22			

SEMESTER V								
Sl.	Subject	Period			Credit	Evaluation Scheme		
		L	T	P		Internal	External	Total
1	Parasitology and virology	3	1	0	4	30	70	100
2	Cytology	3	1	0	4	30	70	100

3	Enzymology	3	1	0	4	30	70	100
4	Immunoheamatology and blood banking	3	1	0	4	30	70	100
5	Enzymology Practical	-	0	4	2	30	70	100
6	Parasitology and virology Practical	-	0	4	2	40	60	100
7	Cytology Practical	-	0	4	2	40	60	100
	Total				22			

SEMESTER VI								
Sl.	Subject	Period			Credit	Evaluation Scheme		
		L	T	P		Internal	External	Total
1	Endocrinology & Toxicology	3	1	0	4	30	70	100
2	Diagnostic Techniques	3	1	0	4	30	70	100
3	Molecular Biology	3	1	0	4	30	70	100
4	Clinical Endocrinology & Toxicology Practical	-	0	4	2	40	60	100
5	Advanced Diagnostic Techniques Practical	-	0	4	2	40	60	100
6	Molecular Biology Practical	-	0	4	2	40	60	100
	Biostatistics	3	1	0	4			
7	Internship Project	-	-	-	6	40	60	100
	Total				28			