

Galgotias University					
School of Allied Health Sciences					
B.Sc.(Medical Laboratory Technology)					
Programme Structure					
	Semester-I				
S.NO	Course Name	L	T	P	C
1	Medical Terminology, Record keeping (including anatomical terms) and Orientation to Medical Laboratory Science (MLS)	2	0	0	2
2	Medical Law and Ethics	2	0	0	2
3	Introduction to Quality and Patient safety (including Basic emergency care and life support skills, Infection prevention and control,, Disaster management and Antibiotic resistance)	3	0	0	3
4	Introduction to National Healthcare Delivery System in India	1	0	0	1
5	Principals of Management with special reference to Medical Laboratory Science (MLS) management	2	0	0	2
6	Bio medical Waste Management	1	0	0	1
7	Medical Terminology, Record keeping (including anatomical terms) and Orientation to Medical Laboratory Science (MLS) - Practical	0	0	2	1
8	Introduction to Quality and Patient safety – Practical	0	0	4	2
9	Professional Communication-I	1	0	4	3
10	Environmental Science	1	0	0	1
11	Creative and Liberal Arts	0	0	2	1
12	Professionalism and values	1	0	0	1
13	Basic computers and information Science Practical	0	0	4	2
	Total	14	0	12	22
	Semester-II				
S.NO	Course Name	L	T	P	C
1	General Medical Microbiology	4	0	0	4
2	Basic Haematology	4	0	0	4
3	Basic Clinical Biochemistry	4	0	0	4
4	Human Anatomy and Physiology	4	0	0	4
5	General Medical Microbiology - (Practical)	0	0	4	2
6	Basic Haematology - (Practical)	0	0	4	2
7	Basic Clinical Biochemistry - (Practical)	0	0	2	1

8	Human Anatomy and Physiology - (Practical)	0	0	4	2
9	Professional Communication-II	1	0	4	3
	Total	17	0	22	26
Semester-III					
S.No	Course Name	L	T	P	C
1	Systematic Bacteriology	3	0	0	3
2	Basics of Haematological diseases	3	0	0	3
3	Biochemical metabolism	3	0	0	3
4	Fundamentals of Histology	3	0	0	3
5	Blood Banking & Genetics	3	0	0	3
6	Systematic Bacteriology – (Practical)	0	0	4	2
7	Basics of Hematological diseases – (Practical)	0	0	4	2
8	Biochemical metabolism – (Practical)	0	0	4	2
9	Fundamentals of Histology – (Practical)	0	0	2	1
10	Blood Banking & Genetics – (Practical)	0	0	2	1
11	AI & Its Applications (Practical)	0	0	4	2
12	Clinical Posting (15Days)	0	0	4	2
	Total	15		24	27
Semester-IV					
S.NO	Course Name	L	T	P	C
1	Applied Bacteriology	3	0	0	3
2	Applied Haematology – I	3	0	0	3
3	Analytical Clinical Biochemistry	3	0	0	3
4	Applied Histopathology – I	3	0	0	3
5	Medical Mycology and Virology	4	0	0	4
6	Applied Bacteriology – (Practical)	0	0	4	2
7	Applied Haematology - I - (Practical)	0	0	4	2
8	Analytical Clinical Biochemistry– (Practical)	0	0	4	2
9	Applied Histopathology - I – (Practical)	0	0	4	2
10	Medical Mycology and Virology– (Practical)	0	0	2	1
11	Clinical observation(Mini project)	0	0	4	2
	Total	16		22	27
Semester-V					
S.NO	Course Name	L	T	P	C
1	Immunology & Bacterial serology	4	0	0	4
2	Applied Haematology – II	3	0	0	3
3	Applied Clinical Biochemistry – I	3	0	0	3
4	Applied Histopathology - II	3	0	0	3
5	Immunopathology & Molecular Biology	3	0	0	3

6	Immunology & Bacterial serology – (Practical)	0	0	2	1
7	Applied Haematology - II I– (Practical)	0	0	4	2
8	Applied Clinical Biochemistry – I – (Practical)	0	0	4	2
9	Applied Histopathology-II I– (Practical)	0	0	2	1
10	Immunopathology & Molecular Biology – (Pra	0	0	2	1
	Total	16		14	23
	Semester-VI				
S.NO	Course Name	L	T	P	C
1	Medical Parasitology & Entomology	4	0	0	4
2	Advanced Haematology	3	0	0	3
3	Applied Clinical Biochemistry – II	3	0	0	3
4	Cytopathology	4	0	0	4
5	Research methodology and Biostatistics	3	0	0	3
6	Medical Parasitology & Entomology – (Practical)	0	0	4	2
7	Advanced Haematology – (Practical)	0	0	2	1
8	Applied Clinical Biochemistry – II – (Practical)	0	0	4	2
9	Cytopathology – (Practical)	0	0	2	1
10	Creativity, Innovation and Entrepreneurship & IPR	1	0	2	2
11	Clinical Posting (15Days)	0	0	4	2
	Total	18		18	27
	Semester-VII				
S.NO	Course Name	L	T	P	C
1	MLT Internship-I	0		720	16
2	Internship Seminar	0		0	4
	Total				20
	Semester-VIII				
S.No	Course Name	L	T	P	C
1	MLT Internship-II	0		720	16
2	Project	0		0	8
	Total				24
			Grand Total		196