

Name of the Faculty : Faculty of Allied Health Science
Name of the Course :Master of Science (MEDICAL LABORATORY TECHNOLOGY)
BATCH : 2021-22

Sr. No.	Semester/ Year	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	L	T	P	Credits	Theory						Practical				Practical (Internal)				Oral		Overall Pass Marks	Whether to be offered under CBCS (Yes/No)	Scheme of Examinations (Theory+Internal+Practical+Oral/ Theory+Internal+Practical/ Theory+Practical)		
										Max	Pass	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Lab Work	Midterm	Conduct/Demonstration	Max				Pass	Max
1	1st Sem	05160101	Physical & Analytical Biochemistry	Theory	Core	3	1		4	60	24	20	10	10	40	16											40	No	Theory + Internal	
2	1st Sem	05160102	Physical & Analytical Biochemistry - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
3	1st Sem	05160103	Cellular Pathology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
4	1st Sem	05160104	Cellular Pathology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
5	1st Sem	05160105	General Microbiology & Bacteriology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
6	1st Sem	05160106	General Microbiology & Bacteriology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
7	1st Sem	05160107	Human Physiology	Theory	AECC	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
8	1st Sem	05160108	Research methodology and biostatistics and hospital management	Theory	DSE				4	60	24	20	10	10	40	16												40	No	Theory + Internal
9	1st Sem	05160109	Critical Research appraisal -practical	Practical	DSE				2								10	10	20	8					30	12		20	No	Theory + Internal
10	1st Sem	05160110	Evaluative Clinical Practice -I	Practical	DSE				4								20	20	40	16					60	24		40	No	Theory + Internal
1	2nd Sem	05160201	Metabolism & Enzymology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
2	2nd Sem	05160202	Metabolism & Enzymology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
3	2nd Sem	05160203	Clinical Pathology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
4	2nd Sem	05160204	Clinical Pathology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
5	2nd Sem	05160205	Immunology & Virology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
6	2nd Sem	05160206	Immunology & Virology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
7	2nd Sem	05160207	Project Development-practical	Practical	Core				2								10	10	20	8					30	12		20	No	Theory + Internal
	2nd Sem	05160208	Evaluative Clinical Practice -II	Practical	Core				4								20	20	40	16					60	24		40	No	Theory + Internal
	2nd Sem	05160209	Molecular Biology and Diagnostic	Theory	Core				4	60	24	20	10	10	40	16												40	No	Theory + Internal
	2nd Sem	05160210	Molecular Biology and Diagnostic -Practical	Practical	Core				2								10	10	20	8	5	5	5	15	30	12		20	No	Theory + Internal
1	3rd Sem	05160301	Clinical & Applied Biochemistry	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
2	3rd Sem	05160302	Clinical & Applied Biochemistry - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
3	3rd Sem	05160303	Blood Banking, Histopathology & Cytology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
4	3rd Sem	05160304	Blood Banking, Histopathology & Cytology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
5	3rd Sem	05160305	Parasitology & Mycology	Theory	DSE	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
6	3rd Sem	05160306	Parasitology & Mycology - Practical	Practical	DSE			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
7	3rd Sem	05160308	Technical Writing and Seminar-practical	Practical	SEC				4								20	20	40	16					60	24		40	No	Theory + Internal
8	3rd Sem	05160309	Medical Emergencies and patient care	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
9	3rd Sem	05160310	Evaluative Clinical Practice -III	Practical	DSE				4								20	20	40	16					60	24		40	No	Theory + Internal
10	3rd Sem		Laboratory management of fungal and parasitic infections	Theory	DSE	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal
11	3rd Sem		Laboratory management of fungal and parasitic infections-Practical	Practical	DSE			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal
1	4th Sem	05160401	Dissertation-practical	Practical	SEC				24	12							60	60	120	64	30	30	30	90	180	72		120	No	Practical + Internal
1	4th Sem	05160402	Evaluative Clinical Practice -IV	Practical					8								20	20	40	16					60	24		40	No	Theory + Internal