

Loyola College (Autonomous) , Chennai 600034

M.Sc. MEDICAL LAB TECHNOLOGY

YEAR OF IMPLEMENTATION : 2012

YEAR OF IMPLEMENTATION : 2016

Sem	Course Code	Course Title	OLD/NEW	% of Modification	Skill Development	Entrepreneurship	Employability	Sem	Course Code	Course Title	OLD/NEW	% of Modification	Skill Development	Entrepreneurship	Employability
I	ML1811	Fundamentals of medical laboratory technology	New	100	✓		✓	I	16PML1MC01	Fundamentals of medical laboratory technology	Old	20%	✓		✓
I	ML1812	Human anatomy and physiology	New	100	✓		✓	I	16PML1MC02	Human anatomy and physiology	Old	10%	✓		✓
I	ML1813	molecular biology and Clinical biochemistry	New	100	✓		✓	I	16PML1MC03	Clinical biochemistry	New	50%	✓		✓
I	ML1814	Haematology	Old	20	✓		✓	I	16PML1MC04	Clinical biochemistry lab course	New	50%	✓	✓	
I	ML1815	Molecular biology and biochemistry lab course	New	100	✓	✓		I	16PML1MC05	Haematology	Old	20%	✓		✓
I	ML1816	Haematology lab course	Old	50	✓	✓		I	16PML1MC06	Haematology lab course	Old	35%	✓	✓	
II	ML2814	Medical microbiology	New	100	✓		✓	II	16PML2MC01	Medical microbiology	Old	0%	✓		✓
II	ML2815	Immunology	Old	50	✓	✓		II	16PML2MC02	Microbiology lab course	Old	10%	✓	✓	
II	ML2816	Serology and blood bank lab course	old	40	✓	✓		II	16PML2MC03	immunology	Old	25%	✓		✓
II	ML2817	Microbiology lab course	old	30	✓	✓		II	16PML2MC04	serology and blood bank lab course	old	0%	✓	✓	
II	ML2955	Research methodology	New	100	✓		II								
II	ML2956	Community medicine and epidemiology	New	100	✓		II								
II	FS2926	Life skill training (LST)	New	100	✓			II	16PML2ES01	Hospital management	New	80%	✓		✓
II		LEAP(Rural camp)	New	100	✓			II	16PML2ES02	Community medicine and epidemiology	Old	10%	✓		
		INTERNSHIP 1	New	100	✓		✓	II	16PML2TP01	Internship 1	Old		✓		✓
II		SUMMER Training program	New	100	✓		✓								
III	ML3812	Urine analysis , stool examination lab course	Old	30	✓	✓		III	16PML3MC01	Molecular biology and human genetics	New	100%	✓		✓
III	ML3813	Seminal and sputum analysis lab course	Old	30	✓	✓		III	16PML3MC02	Clinical pathology	New	40%	✓		✓
III	ML3953	Hospital management(OR)	New	100	✓		✓	III	16PML3MC03	Urine analysis stool examination lab course	Old	20%	✓	✓	
III	ML3954	Forensic science and toxicology	New	100	✓		✓	III	16PML3MC04	Seminal and sputum analysis lab course	Old	10%	✓	✓	

III															
III	ML3875	Modern medical practices and ethics	New	70	✓		✓								
III															
III		INTERNSHIP 2	New	0	✓		✓	III	16PML3ES01	Stem cell technology	New	100%	✓		✓
		SELF STUDY PAPER*	New	0	✓		✓	III	16PML3ES02	Forensic science and toxicology	Old	50%	✓		✓
								III	16PML3ID01	Research methodology and bioethics	New	100%	✓		✓
IV	ML4814	Non invasive techniques	old		✓		✓	III							
				50											
	ML4815	Seperation techniques and pharmaceutical chemistry	old	50	✓		✓		16PML3TP01	Summer training program	old	0%	✓		✓
	ML4816	Histopathology and modern diagnostics	new	100	✓		✓		16PML3TP02	Internship 2 and rural medical camp	old	0%	✓		✓
	ML4817	Project and dissertation	old	0	✓		✓	III		SELF STUDY PAPER*	Old	0%	✓		✓
		Internship 3 and rural medical camp	new	0	✓		✓								
								IV	16PML4MC01	Non invasive techniques	old	30%	✓		✓
									16PML4MC02	Seperation techniques and pharmaceutical chemistry	Old	10%	✓		✓
									16PML4MC03	Histopathology and cytology	New	50%	✓		✓
									16PML4PJ01	Project and viva voce	Old	0%	✓		✓