

**MUTHAYAMMAL COLLEGE OF ARTS & SCIENCE, RASIPURAM – 637 408**

**M.SC., BIOTECHNOLOGY - CHOICE BASED CREDIT SYSTEM**

(For the students admitted from the year 2008-2009 on words)

Name of the Course	Semester	Part	Subject Code	Subject	Hours				Marks			
					L	T	P	C	CIA	EA	Total	
I - M.Sc., Biotechnology	I		09PBT01	Cell Biology		5		5	25	75	100	
			09PBT02	Biological Chemistry		5		5	25	75	100	
			09PBT03	Molecular Biology		5		5	25	75	100	
			09PBT01	Lab in Cell Biology & Biomolecules				5	3	40	60	100
			09PBT02	Lab in Microbiology & Molecular Biology				5	3	40	60	100
			09PBTZ01	Elective I - Microbiology		5(4+1)			4	25	75	100
	II		08PBT04	Immunology		5		5	25	75	100	
			08PBT05	Genetic Engineering		5		5	25	75	100	
			08PBTP03	Lab in Immunology				5	3	40	60	100
			08PBTP04	Lab in Genetic Engineering & Bioinstrumentation				5	3	40	60	100
			08PBTZ02	Elective II - Medical Laboratory Techniques		4			4	25	75	100
			08PAMED3	Biophysics and Bioinstrumentation		4			4	25	75	100
II - M.Sc., Biotechnology	III		08PHR01	Human Rights								
			08PBT06	Plant Biotechnology		5		5	25	75	100	
			08PBT07	Animal Cell Science & Technology		5		5	25	75	100	
			08PBT08	Bioprocess Technology		5		5	25	75	100	
			08PBTP05	Lab in Plant & Animal Biotechnology				5	3	40	60	100
			08PBTP06	Lab in Bioprocess Technology & Bioinformatics				5	3	40	60	100
		08PBTZ03	Elective III - Bioinformatics, IPR & Bioethics		5			5	25	75	100	
	IV		08PBT09	Core 15- Environmental Biotechnology		5		5	25	75	100	
			08PBTPR1	Project		-		5	40	60	100	
		08PBTZ04	Elective IV- Nanobiotechnology		5		5	25	75	100		