


M.Sc. BIOTECHNOLOGY YEAR 2008-2009

Semester	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours / Week	Credits
				CIA	E.E	Total	CIA	E.E	Total		
I	Core	8P1BTC1	Biochemistry	25	75	100	10	30	50	6	5
	Core	8P1BTC2	Advances in Microbiology	25	75	100	10	30	50	6	5
	Core	8P1BTC3	Intermediary Metabolism	25	75	100	10	30	50	6	5
	Core	8P1BTCP1	Practical - I (Biochemistry, Advances in Microbiology and Intermediary Metabolism)	40	60	100	16	24	50	6	3
	Major Elective	8P1BTE1A 8P1BTE1B	Immunology and Immunotechnology / Animal Bio-technology	25	75	100	10	30	50	6	5
II	Core	8P2BTC4	Molecular Genetics	25	75	100	10	30	50	6	5
	Core	8P2BTC5	Tissue Culture	25	75	100	10	30	50	6	5
	Core	8P2BTC6	Environmental Bio-Technology	25	75	100	10	30	50	6	5
	Core	8P2BTCP2	Practical - II (Molecular Genetics and Tissue Culture)	40	60	100	16	24	50	6	3
	Major Elective	8P2BTE2A/ 8P2BTE2B	Bio-Informatics, Intellectual property rights and Nanotechnology / Bio-Instrumentation and Biometry	25	75	100	10	30	50	6	5
III	Core	8P3BTC7	Bio-Process Technology	25	75	100	10	30	50	6	5
	Core	8P3BTC8	Recombinant DNA Technology	25	75	100	10	30	50	6	5
	Core	8P3BTC9	Microbial Bio-Technology	25	75	100	10	30	50	7	5
	Core	8P3BTP3	Practical - III (Bioprocess Technology, Recombinant DNA Technology and Microbial Biotechnology)	40	60	100	16	24	50	7	4
	EDC	8P3_EDC	Extra Disciplinary Course	25	75	100	10	30	50	4	4
	Core	8P4BTC10	Industrial Bio-Technology	25	75	100	10	30	50	6	5
IV	Core	8P4BTC11	Research Methodology	25	75	100	10	30	50	6	5
	Core	8P4BTC12	Biodiversity and Bioresources	25	75	100	10	30	50	6	5
	Project	8P4BTPR	Project work	40	60	100	20	30	50	12	6


CO-ORDINATOR,
Department of Zoology & Bio-Technology,
AVVM. Sri Pushpam College (Autonomous),
Poondi-613 503, Thanjavur-Dt Tamil Nadu

Verified

18-9-09


Prof. M. Ramasamy

M.Sc. BIOTECHNOLOGY (2008 - 2009)

Paper Code	Total No. Of Papers	Total Marks	Total Credits
Core	14	1400	70
Elective	3	300	16
E.D.C	1	100	4
	18	1800	90


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Prof. M. Ramasa

M.Sc., BIOTECHNOLOGY (2017 – 2018)

S. No	SEM	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours Week	Credits
					CIA	E.E	Total	CIA	E.E	Total		
1.	I	Core	17P1BTC1	Biochemistry	25	75	100	10	30	50	6	5
2.		Core	17P1BTC2	Advances in Microbiology	25	75	100	10	30	50	6	5
3.		Core	17P1BTC3	Environmental Biotechnology	25	75	100	10	30	50	6	5
4.		Core	17P1BTCP1	Practical – I (Biochemistry, Microbial and Environmental Biotechnology)	40	60	100	16	24	50	6	3
5.		Major Elective-I	17P1BTCL1A 17P1BTCL1B 17P1BTCL1C	Immunology and Immuno technology/ Entrepreneur skill Development / Molecular Modeling And Drug Designing	25	75	100	10	30	50	6	4
6.	II	Core	17P2BTC4	Molecular Genetics	25	75	100	10	30	50	4	4
7.		Core	17P2BTC5	Plant and Animal Biotechnology	25	75	100	10	30	50	4	4
8.		Core	17P2BTC6	Enzyme Biotechnology	25	75	100	10	30	50	4	4
9.		Core	17P2BTC7	Nano biotechnology	25	75	100	10	30	50	4	4
10.		Core	17P2BTC8	Genomics and Proteomics	25	75	100	10	30	50	4	4
11.		Core	17P2BTCP2	Practical-II (Molecular Genetics, Plant and Animal Biotechnology, Enzyme Biotechnology and Industrial Biotechnology, Nano biotechnology, Proteomics & Genomics)	40	60	100	16	24	50	6	3
12.		Major Elective-II	17P2BTCL2A 17P2BTCL2B 17P2BTCL2C	Bio-Instrumentation and Biometry / Bio-informatics, IPR & Nanotechnology/ Bio-Informatics, Intellectual Property Rights & Nanotechnology	25	75	100	10	30	50	4	4
13.	III	Core	17P3BTC9	Bio-Process Technology	25	75	100	10	30	50	5	4
14.		Core	17P3BTC10	Clinical biochemistry	25	75	100	10	30	50	5	4
15.		Core	17P3BTC11	Recombinant DNA Technology	25	75	100	10	30	50	5	5
16.		Core	17P3BTC12	Aquatic Biotechnology	25	75	100	10	30	50	5	4
17.		Core	17P3BTCP3	Practical – III (Bioprocess Technology, Recombinant DNA Technology and Clinical Chemistry)	40	60	100	16	24	50	5	4
18.		EDC	17P3BTEDC	Fundamentals of Biotechnology	25	75	100	10	30	50	4	---
			Communicative Skill And Personality Development			-	-	-	-	-	1	-
19.	IV	Core	17P4BTC13	Research Methodology	25	75	100	10	30	50	8	5
20.		Core	17P4BTC14	Industrial Biotechnology	25	75	100	10	30	50	8	5
21.		Major Elective-III	17P4BTCL3A 17P4BTCL3B 17P4BTCL3C	Biosafety and Bioethics/ Biodiversity and Bio resources/ Enzymology	25	75	100	10	30	50	8	4
22.		CN	17P4BTCN	Comprehension	-	100	100	-	-	50	5	2
23.		Project	17P4BTCPR	Project	40	60	100	16	24	50	---	4
			Communicative Skill and Personality Development								1	
			Total			2300					120	90

M.Sc. BIOTECHNOLOGY (2017 – 2018)

Paper Code	Total No. Of Papers	Total Marks	Total Credits	Classification
Core	17	1700	72	✓
Elective	3	300	12	✓
E.D.C	1	100	---	✓
Project	1	100	4	x
Comprehension	1	100	2	✓
Soft skill using Language lab	--	--	---	X
Total	23	2300	90	