

SEMESTER I

S. No	C o u r s e C o d e	Course Name	Category of Course	L	T	P	S	Credits
1.		Medical Biochemi stry	Discipline Core Course 1	3	0	2	0	4
2.		Cell Biology	Discipline Core Course 2	3	0	0	0	3
3.		Molecula r Biology	Discipline Core Course 3	3	0	1	1	5
4.		From Bucket	Generic Electives - 1	4	0	0	0	4
5.		Ecology and	Ability Enhanceme nt course-1	2	0	0	0	2

		Environ ment						
6.		Introduct ion to Python program ming	Skill Enhanceme nt course- 1	1	0	2		2
7.		Food, Nutrition and Hygiene	Value Added Course-1	2				2
			TOTAL	1	0	2	1	22

SEMESTER II

S. No.	C o u r s e C o d e	Course Name	Category of Course	T	P	S	Credits
1		Medical Physiolo gy-I	Discipline Core Course 4	0	0		3

2		Medical Microbiology	Discipline Core Course 5	0	2		5
3		Immunology	Discipline Core Course 6	0	2		4
4		From Bucket -2	Generic Electives - 2	0	0		4
5		Logical Communication	Ability Enhancement course-2	0	2	0	2
6		Essentials of IT tools	Skill Enhancement course- 2	0	2		2
7		Art of Happiness	Value Added Course-2	0	0		2
			TOTAL				22

SEMESTER III

S. No.	Courses	Course Name	Category of Course	T	P	S	Credits
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	e C o d e						
1		Genetics	Discipline Core Course 7	0	1	0	4
2		Drug Design and Develop ment	Discipline Core Course 8	0	1	1	5
3		Medical physiolo gy-II	Discipline Core Course 9	0	0		3
4		From Bucket-3	Generic Electives - 3	0	0		4
5		Critical Thinking & Writing	Ability Enhanceme nt course-3	0	0		2

6		Introduction to Artificial Intelligence	Skill Enhancement course- 3		0	0		2
7		Vedic Mathematics	Value Added Course-3		0	0		2
			TOTAL					22

SEMESTER IV

S. No.	C o u r s e C o d e	Course Name	Category of Course	T	P	S	Credits
1		Enzyme Technology	Discipline Core 10	0	0	0	3
2		Recombinant DNA technology	Discipline Core 11	0	1	1	5

3		Bioinformatics	Multi- Dis. Course 1		0	0	0	3
4		From Bucket 4	Generic Electives - 4		0	0		4
5		Disaster Management	Ability Enhancement course-4		0	0	0	2
6		Cyber Sphere & Security Global Concern	Skill Enhancement course- 4		0	0		2
7		Multidisciplinary Course-2	Multi- Dis. Course 2		0	0		3
			TOTAL					22

SEMESTER V

S. No.	Course	Course Name	Category of Course	T	P	S	Credits
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	C o d e						
1		Molecular Diagnostic and Therapeutics	Discipline Core 12		1		4
2		Develop mental Biology	Discipline Core 13	0	0		4
3		Research Methodology and Ethics	Multi- Dis. Course 3	0	0		4
4		DSE from Gr.1	DSE-1	0	0		4
5		Generic Elective (GE)	Generic Electives - 5	0	0		4
6		Internship	Industrial/ Academic Internship	0	0		2

			TOTAL				22
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SEMESTER VI							
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S. No.	Course Code	Course Name	Category of Course	T	P	S	Credits
1		Bioinstrumentation	Discipline Core 14	0	0		4
2		Genomics and Proteomics	Discipline Core 15	0	0		4
3		DSE from Gr.1	DSE-2		0		4
4		DSE from Gr.1	DSE-3				4

5		Generic Elective (GE)	Generic Electives - 6	0	0		4
6		Internship	Industrial/Academic Internship	0	0		2
			TOTAL				22

After 3 years, Students will get the degree of B.Sc. (Hons) in Medical Biotechnology with Total Credits=132

		SEMESTER VII					
S. No.	Course Code	Course Name	Category of Course	T	P	S	Credits
1		Electrophysiology	Discipline Core 16	0	0		3

2		DSE from Gr.2	DSE-4		0	4		6
3		DSE from Gr.2	DSE-5		0	4		6
4		GE	Generic Electives - 7		0	1		4
5		GE	Generic Electives - 8		0	1		4
			TOTAL					23
		SEMESTER VIII						
S. No.	C o u r s e C o d e	Course Name	Category of Course		T	P	S	Credits
		Dissertati on/Projec t	Dissertatio n/					13

			Project				
			TOTAL				13
		After 4 years, Students will get the degree of B.Sc. (Hons Research) Chemistry with Total Credits=168					