

First Semester										
Sl. No.	Sem	Course Code	Course Title	Course type	L	T	P	SL	C	Type
1	Sem I	C2UH101B	Medical Biochemistry	Major	4	0	2		5	Integrated
3	Sem I	C2UH102C	Cell and Molecular Biology	Major	3	0	1	1	5	Comprehensive
5	Sem I	C2UF105T	Red Biotechnology	Major	5	0	0		5	Theory
6	Sem I	E1UA121B	Mastering word and Excel	Vocational Course	2	0	1		3	Integrated
7	Sem I	C2UF102T	Food, Nutrition and Hygiene	Co-curricular	2	0	0		0	Workshop
8	Sem I	J1UA120T	Indian Legal System for Sciences	Interdisciplinary	2	0	0		2	Theory
Total Credits									20	
Second Semester										
Sl. No.	Sem	Course code	Course Title		L	T	P	SL	C	Type
1	Sem II	C2UH201B	Medical Physiology - I	Major	3	0	1		4	Integrated
3	Sem II	C2UH201C	Medical Microbiology -I	Major	2	0	1	1	4	Comprehensive
5	Sem II	C2UH201T	Genomics & Proteomics	Major	4	0	0		4	Theory
6	Sem II	K1UC122B	Professional Communication-1	Language	2	0	1		3	Integrated
7	Sem II	E1UA221B	PC and Harware Installation	Vocational Course	2	0	1		3	Integrated
8	Sem II	C2UF220T	First Aid and Health	Co-curricular	2	0	0		2	Theory
Total Credits									20	
Third Semester										
Sl. No.	Sem	Course Code	Course Title		L	T	P	SL	C	Type
1	Sem III		Molecular Diagnostics & Therapeutics	Major	4	0	0		4	Theory
2	Sem III		Drug Design & Development	Major	3	0	1	1	5	Comprehensive
4	Sem III		Medical physiology-II	Major	3	0	0		3	Theory
5	Sem III		Sociology/economics/political/cyber crime/bio	Interdisciplinary	3	0	0		3	Theory
6	Sem III		Vocational Course (Chosen from university bucket)	Vocational Course	2	0	1		3	Integrated
7	Sem III		Human values and Environment studies	Co-curricular	2	0	0		2	Theory

Total Credits									20	
Fourth Semester										
Sl. No.	Sem	Course Code	Course Title		L	T	P	SL	C	Type
1	Sem IV		Biosensors & Nanobiotechnology	Major	4	0	0		4	Theory
2	Sem IV		Recombinant DNA Technology Tools & Techniques	Major	3	0	1	1	5	Comprehensive
4	Sem IV		Bioinstrumentation	Major	4	0	0		4	Theory
5	Sem IV		Bioinformatics	Minor	3	0	1		4	Integrated
7	Sem IV		Vocational Minor-I	Vocational Course - Minor I	2	0	1		3	Integrated
8	Sem IV		Physical Education and Yoga	Co-curricular	0	0	2		0	Workshop
Total Credits									20	
Fifth Semester										
Sl. No.	Sem	Course Code	Course Title		L	T	P	SL	C	Type
1	Sem V		Industrial Bioprocess Technology	Major	3	0	0		3	Theory
2	Sem V		Microbial Technology	Major	3	0	1	1	5	Comprehensive
4	Sem V		Animal Biotechnology	Major	3	0	1		4	Integrated
6	Sem V		Fundamentals of Clinical Research	Major	3	0	0		3	Theory
7	Sem V		Vocational Minor-II	Vocational Course - Minor II	3	0	2		4	Integrated
8	Sem V		AI and application	Interdisciplinary	0	0	2		1	Workshop
Total Credits									20	
Sixth Semester										
Sl. No.	Sem	Course code	Course Title		L	T	P	SL	C	Type
1	Sem VI		Ethical Guideline in Clinical trial	Major	3	0	0		3	Theory
2	Sem VI		Environmental Biotechnology	Major	3	0	0		3	Theory
3	Sem VI		Food and agriculture biotechnology	Major	4	0	0		4	Theory
4	Sem VI		Tissue culture and tissue engineering	Major	3	0	1	1	5	Comprehensive
6	Sem VI		Vocational Minor-III	Vocational Course - Minor III	1	0	1		2	Integrated
7	Sem VI		Research Project	PBL	0	0	6		3	Project

<b>Total Credits</b>		<b>20</b>	
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