

HINDI MAHA VIDYALAYA, NALLAKUNTA, HYDERABAD**(AUTONOMOUS)****DEPARTMENT OF BIOTECHNOLOGY****Academic Year – 2022-2023****B.Sc. (BtmBC)****CBCS PATTERN IN SEMESTER SYSTEM-2020-2021**

Course Title (Bsc-Bt Mb C)	Hours/Week		Credits
	Theory	Practical	
Semester –I			
Cell Biology and Genetics	4	3	4+1 = 5
Environmental Science (AECC)	2		2
Semester –II			
Biological Chemistry and Microbiology	4	3	4+1 = 5
Fundamental of Computer (AECC)	2		2
Semester –III			
Molecular Biology and Recombinant DNA Technology	4	3	4+1 = 5
Industrial Fermentation (SEC-I)	2		2
Immunological Techniques (SEC-II)	2		2
Semester –IV			
Bioinformatics and Biostatistics	4	3	4+1 = 5
Molecular Markers in Plant Breeding (SEC III)	2		2
Drug Designing (SEC IV)	2		2
Semester –V			
Plant Biotechnology – Optional I (A)	4	3	4+1=5
Medical Biotechnology - Optional I (B)	4	3	4+1=5
Basics in Biotechnology (GE)	4		4
Semester –VI			
Project in Biotechnology / IPR, Biosafety and Entrepreneurship	4		4
Animal Biotechnology - Optional II (A)	4	3	4+1=5
Environmental Biotechnology - Optional I (B)	4	3	4+1=5