

Department of BIOTECHNOLOGY

School of Biological Sciences



Curriculum Framework

M.Sc. Biotechnology

Based on National Education Policy- 2020

**Doctor Harisingh Gour Vishwavidyalaya
(A Central University)**

Sagar-Madhya Pradesh-470003

Biotechnology: M. Sc. Program Structure and Scheme (NEP 2020)

Semester		Paper Code	Title of the Paper	Credits			
				L	T	P	C
I	Discipline Specific: Major-1	BIT-DSM-121	Cell Biology	4	0	0	4
		BIT-DSM-122	Laboratory -1	0	0	2	2
	Discipline Specific: Major-2	BIT-DSM-123	Bioinstrumentation & Bioinformatics	4	0	0	4
		BIT-DSM-124	Laboratory-2	0	0	2	2
	Multi-Disciplinary: Major-3	BIT-MDM-121	Biochemistry and metabolic regulation	4	0	0	4
		BIT-MDM-122	Laboratory-3	0	0	2	2
	Skill Enhancement: Course (SEC)	BIT-SEC-121	Basics of Research Methodology	2	0	0	2
		BIT-SEC-122	Tools for Scientific Communication and presentation	0	0	2	2
				Total Credit = 22			
II	Discipline Specific: Major-1	BIT-DSM 221	Genetics & Molecular Biology	4	0	0	4
		BIT-DSM 222	Laboratory-4	0	0	2	2
	Discipline Specific: Major-2	BIT-DSM 223	Animal & Plant Biotechnology	4	0	0	4
		BIT-DSM 224	Laboratory-5	0	0	2	2
	Multi-Disciplinary: Major-3	BIT-MDM 221	Microbial Technology	4	0	0	4
		BIT-MDM 222	Laboratory-6	0	0	2	2
	Skill Enhancement: Course (SEC)	BIT-SEC 221	Lab based Project Work	0	0	4	4
						=22	
				Exit with PG Diploma			