



SANSKRITI UNIVERSITY
MATHURA, UTTAR PRADESH
B.Sc. BIOTECHNOLOGY

SEMESTER-I						
SI No.	Course Code	Course Name	L	T	P	C
1	BBT 101	BIOCHEMISTRY & METABOLISM	3	0	0	3
2	BBT 103	CELL BIOLOGY	3	0	0	3
3	BBT 105	MICROBIOLOGY	3	0	0	3
4	BBT 107	BASICS OF FORENSIC SCIENCE	3	0	2	3
5	BBT 109	CHEMISTRY-I	3	0	2	3
6	BBT 111	FUNDAMENTAL OF COMPUTER	3	0	2	2
7	BBT 151	BIOCHEMISTRY & METABOLISM LAB	0	0	2	1
8	BBT 153	CELL BIOLOGY AND MICROBIOLGY LAB	0	0	2	1
9	BBT 155	CHEMISTRY LAB	0	0	2	1
10	BLL 101	LIFE SKILL (COMMUNICATION SKILL)	2	0	2	2
		Total				22
SEMESTER-II						
SI No.	Course Code	Course Name	L	T	P	C
1	BBT 102	MAMMALIAN PHYSIOLOGY	3	0	0	3
2	BBT 104	PLANT PHYSIOLOGY	3	0	0	3
3	BBT 106	ENVIRONMENT SCIENCE	3	0	0	3
4	BBT 108	MEDICAL MICROBIOLOGY	3	0	0	3
5	BBT 110	MATHS AND BIOSTATISTICS	3	0	0	3
6	BBT 112	CHEMISTRY-II	3	0	0	3
7	BBT 152	PLANT PHYSIOLOGY LAB	0	0	2	1
8	BBT 154	MAMMALIAN PHYSIOLOGY LAB	0	0	2	1
9	BBT 156	CHEMISTRY-II LAB	0	0	2	1
		Total				21
SEMESTER-III						
SI No.	Course Code	Course Name	L	T	P	C
1	BBT 201	GENETICS	3	0	0	3
2	BBT 203	BIOTECHNOLOGY AND ITS WELFARE	3	0	0	3
3	BBT 205	DEVELOPEMENTAL BIOLOGY	3	0	0	3
4	BBT 207	ENZYMOLGY	3	0	0	3
5	BBT 209	BIOETHICS AND BIOSAFETY	3	0	0	3
6	BBT 251	GENETICS LAB AND DEVELOPEMENTAL BIO LAB	0	0	2	1
7	BBT 253	ENZYMOLGY LAB	0	0	2	1
8	BLL 201	LIFE SKILL (Human Values and Ethics)	3	0	-	2
		Total				19
SEMESTER-IV						
SI No.	Course Code	Course Name	L	T	P	C
1	BBT 202	MOLECULAR BIOLOGY	4	0	0	4
2	BBT 204	IMMUNOLOGY	4	0	0	4
3	BBT 206	ENTREPRENEURSHIP DEVELOPMENT	3	0	0	3
4	BBT 208	ENVIRONMENT BIOTECHNOLOGY	4	0	0	4
5	BBT 210	FERMENTATION TECHNOLOGY	3	0	0	3
6	BBT 252	MOLECULAR BIOLOGY LAB	0	0	2	1
7	BBT 254	IMMUNOLOGY LAB	0	0	2	1
		Total				20
SEMESTER-V						
SI No.	Course Code	Course Name	L	T	P	C
1	BBT 301	BIOPROCESS TECHNOLOGY	4	0	0	4
2	BBT 303	RECOMBINANT DNA TECHNOLOGY	4	0	0	4
3	BBT 305	BIOINFORMATICS	4	0	0	4
4	BBT 307	ANIMAL BIOTECHNOLOGY	3	0	0	3
5	BBT 309	DRUG DESIGNING	3	0	0	3
6	BBT 351	BIOPROCESS TECHNOLOGY LAB	0	0	2	1

7	BBT 353	RECOMBINANT DNA TECHNOLOGY LAB	0	0	2	1
		Total				20
SEMESTER-VI						
Sl No.	Course Code	Course Name	L	T	P	C
1	BBT 302	BIO ANALYTICAL TOOLS	4	0	0	4
2	BBT 304	GENOMICS AND PROTEOMICS	4	0	0	4
3	BBT 306	PLANT BIOTECHNOLOGY	4	0	0	4
4	BBT 308	ELECTIVE-III MOLECULAR DIAGNOSTICS	3	0	0	3
5	BBT 310	ELECTIVE-IV IPR	3	0	0	3
6	BBT 352	BIO ANALYTICAL TOOLS LAB	0	0	2	1
7	BBT 354	PLANT BIOTECHNOLOGY LAB	0	0	2	1
		Total				20
BIOTECHNOLOGY ELECTIVE						
1		DRUG DESIGNING	4	0	0	4
2		MOLECULAR DIAGNOSTICS	4	0	0	4
3		ENVIRONMENTAL BIOTECHNOLOGY	4	0	0	4
4		INTELLECTUAL PROPERTY RIGHTS	4	0	0	4
5		MICROBIAL PHYSIOLOGY	4	0	0	4
6		BIOSTATISTICS	4	0	0	4
7		ECOLOGY AND ENVIRONMENT MANAGEMENT	4	0	0	4
8		EVOLUTIONARY BIOLOGY	4	0	0	4
9		ANIMAL BIOTECHNOLOGY	4	0	0	4
10		MEDICAL MICROBIOLOGY	4	0	0	4
11		ANIMAL DIVERSITY	4	0	0	4
12		PLANT DIVERSITY	4	0	0	4