



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
Program: M.Sc. (Biotechnology)

SEMESTER - I (2026-2028)

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			Th	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	MSBTC101	Biochemistry and Metabolism	3	0	0	3	60	20	20			100
2	MSBTC102	Microbial Systems and Applications	3	0	0	3	60	20	20			100
3	MSBTC103	Cell Structure and Communication	3	0	0	3	60	20	20			100
4	MSBTC104	Advanced Molecular Biology and Gene Regulation	3	0	0	3	60	20	20			100
5	MSBTC101(P)	Biochemistry and Metabolism Laboratory	0	0	4	2				30	20	50
6	MSBTC102(P)	Microbial Systems and Applications Laboratory	0	0	4	2				30	20	50
7	MSBTC103(P)	Cell Structure and Communication Laboratory	0	0	4	2				30	20	50
8	MSBTC104(P)	Advanced Molecular Biology and Gene Regulation Laboratory	0	0	4	2				30	20	50
9	MSBTC105	Seminar I	0	0	4	2				30	20	50
TOTAL			12	0	20	22	240	80	80	150	100	650
*Teacher Assessment shall be based on the following components:												

Legends: Th - Theory ; T - Tutorial/Teacher Guided Student Activity ; P - Practical. *Teacher Assessment shall be based on the following components:

Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

NOTE: Student are required to earn atleast 2 credit in open elective category from MOOCs for the award of degree


Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore


Chairperson
Faculty of Studies Science
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore


Controller of Examinations
Shri Vaishnav
Vidyapeeth
Vishwavidyalaya,
Indore


Registrar
Shri Vaishnav
Vidyapeeth
Vishwavidyalaya,
Indore

Dean Academic
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav
Vidyapeeth
Vishwavidyalaya, Indore



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
Program: M.Sc. (Biotechnology)

SEMESTER - II (2026-2028)

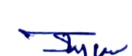
SEMESTER - II (2020-2021)												
S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			Th	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	MSBTC201	Advanced Immunology	3	0	0	3	60	20	20			100
2	MSBTC202	Industrial Bioprocessing and Product Recovery	3	0	0	3	60	20	20			100
	Course Specific Elective (CSE)											
3	MSBTD203A	Genetics and Recombinant DNA Technology	3	0	0	3	60	20	20			100
	MSBTD203B	Human Stress Physiology										
4	MSBTD203A(P)	Genetics and Recombinant DNA Technology Laboratory	0	0	4	2			30	20	50	
	MSBTD203B(P)	Human Stress Physiology Laboratory										
5	MSBTC204	Concepts of Biostatistics and Bioinformatics	3	0	0	3	60	20	20			100
6	MSBTC201(P)	Advanced Immunology Laboratory	0	0	4	2				30	20	50
7	MSBTC202(P)	Industrial Bioprocessing and Product Recovery Laboratory	0	0	4	2				30	20	50
8	MSBTC204(P)	Concepts of Biostatistics and Bioinformatics Laboratory	0	0	4	2				30	20	50
9	MSBTC205	Internship	0	0	4	2				60	40	100
TOTAL			12	0	20	22	240	80	80	180	120	700

Legends: Th - Theory ; T - Tutorial/Teacher Guided Student Activity ; P - Practical. *Teacher Assessment shall be based on the following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

NOTE: Student are required to earn atleast 2 credit in open elective category from MOOCs for the award of degree


Chairperson
Board of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Chairperson
Faculty of Studies Science
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Controller of Examinations
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Registrar
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

Dean Academic
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore