

BACHELOR OF TECHNOLOGY
FOR ADMISSION BATCH 2023-24
BIOTECHNOLOGY
SECOND YEAR (THIRD SEMESTER)

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Subject (Theory)							
1	BS	HSBS2001	Mathematics - III	3-0-0	3	100	50
2	PC	BTPC2001	Biomolecules and Biochemistry	3-0-0	3	100	50
3	PC	BTPC2002	Microbiology	3-0-0	3	100	50
4	PC	BTPC2003	Cell Biology and Genetics	3-0-0	3	100	50
5	PC(ACC)	PCAC2001	Python Programming	3-0-0	2	100	50
		PCAC2002	Data Science Foundations				
		PCAC2003	Web and Application Development				
		PCAC2004	Cloud Computing Foundation				
		PCAC2005	Programming Internet of Things				
		PCAC2006	Robotics : Motion Planning				
6	HS	HSBS2001	Engineering Economics	3-0-0	2	100	50
		HSBS2002	Organizational Behaviour				
Subject (Sessional / Practical)							
7	PC	BTPC2201	Biomolecules and Biochemistry Lab.	0-0-3	1.5	-	100
8	PC	BTPC2202	Microbiology Lab.	0-0-3	1.5	-	100
9	PC	BTPC2203	Cell Biology and Genetics Lab.	0-0-3	1.5	-	100
10	PC(ACC)	PCAC2201	Python Programming Lab.	0-0-3	1.5	-	100
		PCAC2202	Data Science Foundations Lab.				
		PCAC2203	Web and Application Development Lab.				
		PCAC2204	Cloud Computing Foundation Lab.				
		PCAC2205	Programming Internet of Things Lab.				
		PCAC2206	Robotics : Motion Planning Lab.				
		PCAC2207	IT Fundamentals for Cybersecurity - I Lab.				
Total				18-0-12	22	600	700

Note: Click here to view/download the syllabus of the subjects.

**BACHELOR OF TECHNOLOGY
BIOTECHNOLOGY
SECOND YEAR (FOURTH SEMESTER)
W.E.F. ADMISSION BATCH 2023-24**

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Subject (Theory)							
1	PC	BTPC2004	Molecular Biology	3-0-0	3	100	50
2	PC	BTPC2005	Bio Analytical Tools and Techniques	3-0-0	3	100	50
3	PC	BTPC2006	Bioinformatics and Biostatistics	3-0-0	3	100	50
4	PC	BTPC2007	Developmental Biology	3-0-0	3	100	50
5	PC(ACC)	PCAC2008	Machine Learning Techniques and Applications	3-0-0	2	100	50
		PCAC2009	Big Data Integration and Management				
		PCAC2010	Application Development - Tools & Technologies				
		PCAC2011	Cloud Infrastructure & Applications				
		PCAC2012	Internet of Things and Cloud				
		PCAC2013	Robotics : Mobility & Design				
6	HS	PCAC2014	IT Fundamentals for Cybersecurity - II	3-0-0	2	100	50
		HS2002	Organizational Behaviour				
		HS2001	Engineering Economics				
Subject (Sessional / Practical)							
7	PC	BTPC2204	Molecular Biology Lab.	0-0-3	1.5	-	100
8	PC	BTPC2205	Bio Analytical Tools and Techniques Lab.	0-0-3	1.5	-	100
9	PC	BTPC2206	Bioinformatics Lab.	0-0-3	1.5	-	100
10	PC	BTPC2207	Developmental Biology Lab.	0-0-3	1.5	-	100
Total				18-0-12	22	600	700

Note : Minimum four (04) weeks of Summer Course / Training / Internship / Skill Course / etc. after 4th Semester.

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