



**4-Year Bachelor of Technology (B.Tech.) Curriculum and
Syllabus for Biotechnology with AI**

Six Semester

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-UBT-T300	CAREER ADVANCEMENT & SKILL DEVELOPMENT: AI Techniques in Drug Discovery and Design	1	0	2	3
TIU-UBT-T314	PLANT BIOTECHNOLOGY	3	0	0	3
TIU-UBT-T316	MEDICAL BIOTECHNOLOGY	2	1	0	3
TIU-UBT-T318	REGULATION OF GENE EXPRESSION	3	0	0	3
TIU-UBT-T322	BIOMATERIALS AND TISSUE ENGINEERING	3	0	0	3
Practical					
TIU-UBT-L312	BIOPHYSICAL INSTRUMENTATION LABORATORY	0	0	3	3
TIU-UBT-L314	PLANT BIOLOGY LABORATORY	0	0	3	3
Sessional					
TIU-UBT-S398	INDUSTRIAL VISIT	0	0	3	3
TIU-UES-S398	ENTREPRENEURSHIP SKILL DEVELOPMENT	0	0	2	2
Total Credits					26