B.Sc. (Bio Technology)

Course Curriculum based on Choice Based Credit System (CBCS)

Sem	***Course Status***	***Title of the Course***	***Marks***	***Credits (Th/Pr)***
I	*BTCC101A*	*Biochemistry & Metabolism*	*100*	*06*
	BTCC101B	*Practical*		
	BTCC102A	*Cell Biology*	*100*	*06*
	BTCC102B	*Practical*		
	ENGAEC01	*English Communication or*	*100*	*02*
	MILAEC01	*MIL Communication*		
	GLGGE01A	*Essential of Geology*	*100*	*06*
	GLGGE01B	*Practical*		
	ZOOGE01A	*Animal Diversity*	*100*	*06*
	ZOOGE01B	*Practical*		
II	*BTCC203A*	*Mammalian Physiology*	*100*	*06*
	BTCC203B	*Practical*		
	BTCC204A	*Microbial and Plant Physiology*	*100*	*06*
	BTCC204B	*Practical*		
	EVSAEC01	*EVS*	*100*	*02*
	GLGGE02A	*Rocks and Minerals*	*100*	*06*
	GLGGE02B	*Practical*		
	ZOOGE02A	*Environment and Public Health*	*100*	*06*
III	*BTCC305A*	*Genetics*	*100*	*06*
	BTCC305B	*Practical*		
	BTCC306A	*General Microbiology*	*100*	*06*
	BTCC306B	*Practical*		
	BTCC307A	*Chemistry-I (Physical Chemistry)*	*100*	*06*
	BTCC307B	*Practical*		
	BTCSEC01	*Enzymology*	*50*	*02*
	GLGGE03A	*Fossils And Their Applications*	*100*	*06*
	GLGGE03B	*Practical*		
	ZOOGE03A	*Food, Nutrition and Health*	*100*	*06*
	ZOOGE03B	*Practical*		
IV	*BTCC408A*	*Molecular Biology*	*100*	*06*
	BTCC408B	*Practical*		
	BTCC409A	*Immunology*	*100*	*06*
	BTCC409B	*Practical*		
	BTCC410A	*Chemistry-2(Organic & Inorganic Chemistry)*	*100*	*06*
	BTCC410B	*Practical*		
	BTCSEC02	*Molecular Diagnostics*	*50*	*2*
	GLGGE04A	*Natural Hazards and Disaster Management*	*100*	*06*
	GLGGE04B	*Practical*		
	ZOOGE04A	*Insect Vector and Diseases*	*100*	*06*

	ZOOGE04B	*Practical*		
V	*BTCC5011*	*Bioprocess Technology*	*100*	*3+2*
	BTCC5012	*Recombinant DNA Technology*	*100*	*3+2*
	BTCDSE-1	*Dissertation*	*100*	*3+2*
	BTCDSE-2	*Biostatistics*	*100*	*3+2*
VI	*BTCC6013*	*Bio-Analytical Tools*	*100*	*3+2*
	BTCC6014	*Genomics and Proteomics*	*100*	*3+2*
	BTCDSE-3	*Bioinformatics*	*100*	*3+2*
	BTCDSE-4	*Plant Biotechnology*	*100*	*3+2*

- ***1 Credit = 15 Learning Hours***
- ***Total Academic Credit of the Programme: 140***
- ***Total Non Academic Credit of the Programme: 1***
- ***Total Credit of the Programme: 141***
- ***Th-Theory, Pr-Practical***