Programme Structure of HBT: B.Sc. in Botany (Hons.)

SEM		CODE	Course Name	Theory/ Prac.	Credit	Study Hours	TE Full Marks	Assig. Full Marks	Total Marks	Pass Marks 30%	SLM Available In
1st Year	I	**CC-BT-01**	1. Phycology, Microbiology 2. Mycology and Phytopathology, 3. Archegoniatae	Practical	6	180	70	--	70	21	BEN
		CC-BT-02	Phycology, Microbiology	Theory	6	180	50	20	70	21	BEN
		AE-BG-11	* Bengali	Theory	2	60	50	20	70	21	BEN
		AE-EG-12	* English								ENG
		GE-01: # Refer Table below		Theory	6	180	50	20	70	21	
	II	**CC-BT-03**	Mycology & Phytopathology	Theory	6	180	50	20	70	21	BEN
		CC-BT-04	Archegoniatae	Theory	6	180	50	20	70	21	BEN
		AE-ES-21	Environmental Studies	Theory	2	60	50	20	70	21	BEN
		GE-02: # Refer Table below		Theory	6	180	50	20	70	21	
2nd Year	III	**CC-BT-05**	1. Anatomy, Economic Botany 2.Morphology, Plant Systematics 3. Plant Ecology and Phytogeography	Practical	6	180	70	--	70	21	BEN
		CC-BT-06	1. Biomolecules and Plant Metabolism 2. Plant Physiology, Reproductive Biology of Angiosperms	Practical	6	180	70	--	70	21	BEN
		CC-BT-07	Anatomy, Economic Botany	Theory	6	180	50	20	70	21	BEN
		GE-03: # Refer Table below		Theory	6	180	50	20	70	21	
		SE-BT-11	Medicinal Botany	Theory	2	60	50	10	60	18	ENG
	IV	**CC-BT-08**	Morphology, Plant Systematics	Theory	6	180	50	20	70	21	BEN
		CC-BT-09	Plant Physiology, Reproductive Biology of Angiosperms	Theory	6	180	50	20	70	21	BEN
		CC-BT-10	Biomolecules, Plant Metabolism	Theory	6	180	50	20	70	21	BEN
		GE-04: # Refer Table below		Theory	6	180	50	20	70	21	
		SE-BT-21	Plant Diversity and Human Welfare	Theory	2	60	50	10	60	18	ENG
3rd Year	V	**CC-BT-11**	1. Cell Biology 2. Plant Biotechnology 3. Genetics and Molecular Biology	Practical	6	180	70	--	70	21	BEN
		CC-BT-12	Genetics and Molecular Biology	Theory	6	180	50	20	70	21	BEN
		DS-BT-11	Stress Biology	Theory	6	180	50	20	70	21	ENG
		DS-BT-21	1. Stress Biology 2. Natural Resource Management 3. Plant Breeding	Practical	6	180	70	--	70	21	ENG
	VI	**CC-BT-13**	Plant Ecology and Phytogeography	Theory	6	180	50	20	70	21	BEN
		CC-BT-14	Cell Biology, Plant Biotechnology	Theory	6	180	50	20	70	21	BEN
		DS-BT-31	Plant Breeding	Theory	6	180	50	20	70	21	ENG
		DS-BT-41	Natural Resource Management	Theory	6	180	50	20	70	21	ENG
TOTAL					**140**				**1800**		

GE COMBINATION LIST:

Subject	SEM-I: GE-01	SLM Available In	SEM-II: GE-02	SLM Available In	SEM-III: GE-03	SLM Available In	SEM-IV: GE-04	SLM Available In
Zoology	**GE-ZO-11:** Animal Diversity	**ENG**	**GE-ZO-21:** Aquatic Biology	**ENG**	**GE-ZO-31:** Insect Vector and Disease	**ENG**	**GE-ZO-41:** Food, Nutrition and Health	**ENG**
Chemistry	**GE-CH-11:** Basic Physical Chemistry	**ENG**	**GE-CH-21:** Basic Inorganic Chemistry	**ENG**	**GE-CH-31:** Basic Organic Chemistry	**ENG**	**GE-CH-41:** Application Oriented Chemistry	**ENG**
							¥ GE-CH-42: Approved MOOCs'	

* Learners have to choose any one from **AE-BG-11:** Bengali or **AE-EG-12:** English as Ability Enhancement Compulsory Course 1

Learners have to choose any one course from each individual GE group of Semester I, II, III and IV.

¥ Learners willing to choose MOOCs course as an option of study are advise to visit University official website for detailed instruction. In this regard, enrolled learners may communicate with Concerned School of Studies for guidance during their study of the programme