UG SCHEME-2023 (NEP-2020)

B. Tech. Electronics and Telecommunication Engineering

Course Code	Name of Course	Course Category	Teaching Scheme				Credits	Evaluation Scheme					
								Theory			Practical		Total Marks
			L	T	P	Total Hours		TAE	CAE	ESE	INT	EXT	
SEMESTER-I													
23BTSHL102EC 23BTSHP102EC	Environmental Chemistry	BSC 4	1	-	2	3	2	10	15	50	25	-	100
23BTSHL103EC	Matrices and Differential Calculus	BSC 1	2	1	-	3	3	10	15	50	--	--	75
23BTSHL10XEC	Elective : Indian Knowledge System	IKS	2	-	-	2	2	10	15	50	-	-	75
23BTSHP112EC	Liberal Learning Courses-I	CC1			4	4	2				25	25	50
23BTEEL101EC 23BTEEP101EC	Basic Electrical Engineering	ESC 1	3	-	2	5	4	10	15	50	25	--	100
23BTECL101 23BTECP101	Digital Logic Design	ESC 2	3		2	5	4	10	15	50	25	--	100
23BTECL10X 23BTECP10X	Elective -I : Vocational and Skill Enhancement	VSEC1	1	-	2	3	2	10	15	--	25	--	50
TOTAL			**12**	**1**	**12**	**25**	**19**	**60**	**90**	**250**	**125**	**25**	**550**

	Name of Course	Course Category	Teaching Scheme				Credits	Evaluation Scheme					
								Theory			Practical		Total Marks
			L	T	P	Total Hours		TAE	CAE	ESE	INT	EXT	
SEMESTER-II													
23BTSHL101EC 23BTSHP101EC	Engineering Physics	BSC 2	1	1	2	4	3	10	15	50	25	-	100
23BTSHL104EC	Integral Calculus and Differential Equations	BSC3	2	1	-	3	3	10	15	50	-	-	75
23BTSHL108EC23BTSHP108EC	Communication Skills	AEC 1	1	-	2	3	2	10	15	-	25	-	50
23BTSHP113EC	Liberal Learning Courses-II	CC 2	-	-	4	4	2	-	-	-	25	25	50
23BTITL102EC 23BTITP102EC	Programming for Problem Solving	ESC 3	3	-	2	5	4	10	15	50	25	-	100
23BTSHL115EC 23BTSHP115EC	Biomedical Engineering	BSC5	2	-	2	4	3	10	15	50	25	-	100
23BTECL105	Sensor and Instrumentation	PCC 1	2	-	-	2	2	10	15	50	-	-	75
23BTECL10X 23BTECP10X	Elective –II: Vocational and Skill Enhancement	VSEC 2	1	-	2	3	2	10	15	-	25	-	50
TOTAL			**12**	**2**	**14**	**28**	**21**	**70**	**105**	**250**	**150**	**25**	**600**

ELECTIVES

23BTSHL10XEC -Elective : Indian Knowledge System -

Course	Course Code (L)	Course Code(P)
Elective: IKS-1- Concepts and Applications in Engineering	23BTSHL109EC	Not Applicable
Elective: IKS-2- Social History of Medicine In Colonial India	23BTSHL110EC	Not Applicable
Elective: IKS-3- Modern IndianArchitecture	23BTSHL111EC	Not Applicable
Elective: IKS-4- Introduction to Ancient Indian Technology	23BTSHL117EC	Not Applicable
Elective: IKS-5- Introduction To Modern Indian Drama	23BTSHL118EC	Not Applicable
Elective: IKS-6- Introduction To Indian Art - An Appreciation	23BTSHL119EC	Not Applicable
Elective: IKS-7- Folk And Minor Art In India	23BTSHL120EC	Not Applicable

Electronics and Telecommunication Board

Course	Course Code (L)	Course Code(P)
Elective -I : Vocational and Skill Enhancement I-Introduction to Drones	23BTECL102	23BTECP102
Elective -I : Vocational and Skill Enhancement-I	23BTECL103	23BTECP103
Elective -I : Vocational and Skill Enhancement- I	23BTECL104	23BTECP104
Elective -II : Vocational and Skill Enhancement-Introduction to Robotics	23BTECL106	23BTECP106
Elective -II : Vocational and Skill Enhancement-Internet of Things and Its Applications	23BTECL107	23BTECP107
Elective -II : Vocational and Skill Enhancement-	23BTECL108	23BTECP108