UG Scheme-2023 (NEP-2020)

B. Tech. in Civil 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													
23BTSHL102CE 23BTSHP102CE	Environmental Chemistry	BSC4	1	-	2	**3**	**2**	10	15	50	25	-	100
23BTSHL103CE	Matrices and Differential Calculus	BSC1	2	1	-	**3**	**3**	10	15	50	-	-	75
23BTSHL108CE 23BTSHP108CE	Communication Skills	AEC1	1	-	2	**3**	**2**	10	15	-	25	-	50
23BTSHL10XCE	Elective : Indian Knowledge System	IKS	2	-		**2**	**2**	10	15	50	-	-	75
23BTSHP112CE	Liberal Learning Courses-I	CC1	-	-	4	**4**	**2**	-	-	-	25	25	50
23BTCEL101 23BTCEP101	Engineering Mechanics	ESC2	3	-	2	5	4	10	15	50	25	-	100
23BTCEL10X 23BTCEP10X	Elective -I : Vocational and Skill Enhancement	VSEC1	1	-	2	**3**	**2**	10	15	-	25	-	50
23BTMEL101CE 23BTMEP101CE	Engineering Graphics	ESC1	2	-	4	6	4	10	15	50	25	-	100
TOTAL			**12**	**1**	**16**	**29**	**21**	**70**	**105**	**250**	**150**	**25**	**600**

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								Theory			Practical		Total Marks
			L	T	P	Total Hours		TAE	CAE	ESE	INT	EXT	
SEMESTER-II													
23BTSHL101CE 23BTSHP101CE	Engineering Physics	BSC2	1	1	2	**4**	**3**	10	15	50	25	-	100
23BTSHL107CE	Integral Calculus, Differential Equations and Numerical Methods	BSC3	2	1	-	**3**	**3**	10	15	50	-	-	75
23BTSHP113CE	Liberal Learning Course 2	CC2	-	-	4	**4**	**2**	-	-	-	25	25	50
23BTSHL116CE 23BTSHP116CE	Construction Material & WorkshopPractices	BSC5	2	-	2	**4**	**3**	10	15	50	25	-	100
23BTCEL105 23BTCEP105	Introduction to Cement and Concrete	ESC3	3	-	2	**5**	**4**	10	15	50	25	-	100
23BTCEL106	Water Resources Engineering	PCC1	2	-	-	**2**	**2**	10	15	50	-	-	75
23BTCEL10X 23BTCEP10X	Elective -II : Vocational and Skill Enhancement	VSEC2	1	-	2	**3**	**2**	10	15	-	25	-	50
TOTAL			**11**	**2**	**12**	**25**	**19**	**60**	**90**	**250**	**125**	**25**	**550**

ELECTIVES

23BTSHL10XCE -Elective : Indian Knowledge System -

Course	Course Code (L)	Course Code(P)
Elective: IKS-1- Concepts and Applications inEngineering	23BTSHL109CE	Not Applicable
Elective: IKS-2- Social History of Medicine In Colonial India	23BTSHL110CE	Not Applicable
Elective: IKS-3- Modern Indian Architecture	23BTSHL111CE	Not Applicable
Elective: IKS-4- Introduction to Ancient Indian Technology	23BTSHL117CE	Not Applicable
Elective: IKS-5- Introduction To Modern Indian Drama	23BTSHL118CE	Not Applicable
Elective: IKS-6- Introduction To Indian Art - An Appreciation	23BTSHL119CE	Not Applicable
Elective: IKS-7- Folk And Minor Art In India	23BTSHL120CE	Not Applicable

Civil Board

Course	Course Code (L)	Course Code(P)
Elective -I : Vocational and Skill Enhancement-Computer Aided Drawing	23BTCEL102	23BTCEP102
Elective -I : Vocational and Skill Enhancement-Design of Structure using Sketch Up	23BTCEL103	23BTCEP103
Elective -I : Vocational and Skill Enhancement	23BTCEL104	23BTCEP104
Elective -II : Vocational and Skill Enhancement-Architectural Planning and Drawing	23BTCEL107	23BTCEP107
Elective -II : Vocational and Skill Enhancement- Building Information Modeling Software	23BTCEL108	23BTCEP108
.Elective -II : Vocational and Skill Enhancement-	23BTCEL109	23BTCEP109