				Note: Enter corro 1: Slight(Low)	Nation levels 1,2 o 2: Moderate(N	r 3 as defined below ledium) 3: Subs	w: tantial (High)]											
SR. NO.	COURSE NAME	COURSE CODE	SEMESTER	COURSE OUTCOMES	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
					2	1													
1	Mathematics – III			1.Understand and apply the properties of Laplace Transform and Fourier Transform.	2	1													
		BTBS301		2. Formulate partial differential equation and solve one dimensional and two dimensional heat flow equation.	2	1													
				3.Analyse and map complex functions and Solve integration of complex function by using Cauchy's integral formula.															
																			-
2	Mechanics of Solids	BTCVES302		1.Perform the stress-strain analysis.	3	2		2		1						2	1	2	
			ш	2. Draw force distribution diagram for members and determinate beams.	3	3	3	2		1						1	1	1	1
				3.Visualize force deformation behaviour of bodies.	2	3	3	3								3		1	1
				4. Perform failure Analysis															-
																			-
3	Building Construction and Drawing	BTCVC303		1: Understand the basic provinements of various building components and material used	3					2	1	1					3	3	1
			ш	2. Apply the knowledge of types and methods of construction of various building components for selection of suitable building material, component type and method of construction.	3	2				2	1	1					3	3	1
				3: Draw detailed working drawings of various building components	3	2	3			2	1	1					3	3	1
																		-	-
4	Hydraulics I	BTCVC304	ш	1.To understand the properties of fluid pressure & their measurements	3	2										2	1	2	
				2 Apply the knowledge of properties to determine losses in pine & analysis	3	3	3	2		1						1	1	1	1
				3 Design flow measuring devices	2	3	3	3								3			1
				5 Source and the second s	-				-								-	· · ·	· · ·
				1 To know the basics of leveline and Theodolite survey in elevation and angular measurements	3	2	2		1	1			3	2			3	1	2
5	Surveying	BTCVC305	ш	2 Perform measurements in linear/annular methods	3	3	2	2					2	-			3	2	2
				2. To sends the unswing in constant terring	3	1	2			2	3		1	2	-	2	3		
-		-	-	2. To appry paine unite surveying in general errain.			-	1		-				-	-	-		+ -	-
				1 To plan buildings considering various principles of planning and byelsw of governing body	3	3	3	2	2	2	1	2				2	3	2	3
6	Building Planning and Drawing	BTCVC401	IV	2 Comprehend various utility requirements in buildings	3	2	3	ī	-	-		-				-	2	2	2
				3 Understand various techniques for good acoustics	3	2	3	i							-		2	2	
		-	-																-
7	Environmental Engineering		IV	- Analy the water and waterwater treatment concern and methods	3	2	1	1	1	2	3	1			1	1	1	1	2
		RTCVC402		2. Darien bezie water and wartmutter tradmant processor	3	2	3	-		2	3		-				t i	1	2
				Describe the solid waste management and air pollution concerts	2	-	-	1		3	3	1					<u> </u>	3	2
		1			-														
8	Structural Mechanics-I		IV	Describe the concent of structural analysis degree of indeterminary.	3	2		1	1	2	3		1		1	1		3	2
		BTCVC403		2 Calculate donge and deflections at unique locations for different tunge of beams	1		1			2	3				1		2	1	2
				2. Until the dataministic and indefinition to react the start force in the members of traces	2	2				-	3						-		-
			1	Southry determine and matching webbs and calculate roles in the memory of ubset.	-	-												-	
9	Water Resources Engineering	BTCVC404	IV	COL: Understand need of Irrination in India and under requirement as ner ferming practice in India	1	2	1	1		2	2		1		1	3	1	T	3
				CO3: Understand network initiation directions was element. CO3: Understand unique initiation directions and element.	2	3	2	1			ĩ		· · ·			2	<u>+ · · · · · · · · · · · · · · · · · · ·</u>	+ :-	
				CO2: Understand various intigenous su decines and scientifics.	2	3	1	<u> </u>	-			-	-		-		-		- 2
		+	+	COS. Develop usits for design of infiguron schemes.		3		-	-					-			<u> </u>		2
10	Hydraulier II		+	I During any shared systems in a must assume in a	,	2			-	1	2			-		2	1	<u> </u>	
		RECVCARE	IV	1 Design open remainer sections in a most economical way.	3	2	1 2		+		2	+	<u> </u>	-		3	<u>+</u>	+	3
	nyurauks n			2 Know about the from summoring now in open characterizations or nyutative party. 2 Industrial analysis of macmanite and characterization of characterization of an annual of characterization of the same material of characterization of characterization of characterization of characterization of the same material of characterization of	2	3	1 1	+ '	+			+		-		2	<u> </u>	+	- 2
		+	+	5 Understand approximation or momentum principal or impact or jets on paine.		3	1 1	-	1			-		1			<u> </u>		- 2
		1	1		1		1			-		1		1	1		T	T	-
11	Engineering Geology	BECKEL	- m	1: Recognize the different landforms which are formed by various geological agents.	3	2	2	1		-	2	+			-	3	+++-	+ 2	- 3
		BICVC406	IV	2: identity the origin, texture and structure of varous rocks and physical properties of minerals.	3	2	2	-	1		2		L .			3	+	2	- 3
				3: Understand now the varous geological conditions affect the design parameters of civil engineering structures.	3	2	2	1	2	3	2	1			1	3		2	3