

**CIVIL ENGINEERING DEPARTMENT, SOS, ENGINEERING & TECHNOLOGY  
GURU GHASIDAS VISHWAVIDYALAYA (A CENTRAL UNIVERSITY), BILASPUR**

**SCHEME OF B.TECH. III SEMESTER CIVIL ENGINEERING  
W.E.F. 2019-20 (ODD SEMESTER)**

S. No	Subject Code	Subjects	Period/Week			Scheme of Evaluation				Grand Total	Credits
						Internal Assessment (IA)			ESE		
		Theory	L	T	P	CT-I	CT-II	Total			
1	CE03TBS05	Engineering Mathematics-III	3	1	0	15	15	30	70	100	4
2	CE03TPC01	Strength of Materials	3	1	0	15	15	30	70	100	4
3	CE03TPC02	Fluid Mechanics-I	3	0	0	15	15	30	70	100	3
4	CE03TPC03	Building Materials & Construction	3	0	0	15	15	30	70	100	3
5	CE03TPC04	Surveying & Geomatics	3	0	0	15	15	30	70	100	3
6	CE03THS03	Indian Constitution*	2	0	0	-	-	-	-	-	0
		<b>Practical</b>									
1	CE03PPC01	Survey Lab	0	0	3	-	-	30	20	50	1.5
2	CE03PPC02	Fluid Mechanics Lab	0	0	3	-	-	30	20	50	1.5
1	CE03PES06	Computer Aided Civil Engg. Drawing	0	0	3	-	-	30	20	50	1.5
										<b>Total Credits</b>	<b>21.5</b>

**L - Lecture Hours, T-Tutorial Hours, P - Practical Hours, CT - Class Test, ESE – End Semester Exam; \* Mandatory Course**

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**SCHEME OF B.TECH. IV SEMESTER CIVIL ENGINEERING  
W.E.F. 2019-20 (EVEN SEMESTER)**

S. No	Subject Code	Subjects	period/Week			Scheme of Evaluation				Grand Total	Credits
						Internal Assessment (IA)			ESE		
			Theory	L	T	P	CT-I	CT-II			
1	CE04THS04	Engineering Economics	3	0	0	15	15	30	70	100	3
2	CE04TPC05	Concrete Technology	3	0	0	15	15	30	70	100	3
3	CE04THS05	Professional Practice, Law & Ethics	2	0	0	15	15	30	70	100	2
4	CE04TPC06	Structural Analysis-I	3	1	0	15	15	30	70	100	4
5	CE04TPC07	Fluid Mechanics-II	3	0	0	15	15	30	70	100	3
6	CE04THS06	Effective Technical Communication	3	0	0	15	15	30	70	100	3
		<b>Practical</b>									
1	CE04PHS01	Effective Technical communication lab	0	0	2	-	-	30	20	50	1
2	CE04PPC03	Material Testing Lab	0	0	3	-	-	30	20	50	1.5
										<b>Total Credits</b>	<b>20.5</b>

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**SCHEME OF B.TECH.V SEMESTER CIVIL ENGINEERING  
W.E.F. 2020-21 (ODD SEMESTER)**

S. No	Subject Code	Subjects	period/Week			Scheme of Evaluation				Grand Total	Credits
						Internal Assessment (IA)			ESE		
			Theory	L	T	P	CT-I	CT-II			
1	CE05TPC08	Design of Concrete Structures	3	1	0	15	15	30	70	100	4
2	CE05TPC09	Structural Analysis - II	3	1	0	15	15	30	70	100	4
3	CE05TPC10	Highway Engineering	3	0	0	15	15	30	70	100	3
4	CE05TPC11	Soil Mechanics - I	3	0	0	15	15	30	70	100	3
5	CE05TPC12	Environmental Engineering - I	3	0	0	15	15	30	70	100	3
6	CE05THS07*	Management (Organizational Behaviour)	3	0	0	-	-	-	-	-	0
		<b>Practical</b>									
1	CE05PPC04	Highway Engineering Lab	0	0	3	-	-	30	20	50	1.5
2	CE05PPC05	Soil Mechanics Lab	0	0	3	-	-	30	20	50	1.5
										<b>Total Credits</b>	20

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**SCHEME OF B.TECH.VI SEMESTER CIVIL ENGINEERING  
W.E.F. 2020-21 (EVEN SEMESTER)**

S. No	Subject Code	Subjects	period/Week			Scheme of Evaluation				Grand Total	Credits
						Internal Assessment (IA)			ESE		
			Theory	L	T	P	CT-I	CT-II			
1	CE06TPC13	Water Resources Engineering -I	3	0	0	15	15	30	70	100	3
2	CE06TPC14	Environmental Engineering - II	3	0	0	15	15	30	70	100	3
3	CE06TPC15	Design of Steel Structures	3	1	0	15	15	30	70	100	4
4	CE06TPC16	Soil Mechanics - II	3	0	0	15	15	30	70	100	3
5	CE06TPE01	Professional Elective -1X	3	1	0	15	15	30	70	100	4
6	CE06TOE01	Open Elective -1X	3	0	0	15	15	30	70	100	3
		Internship/Industrial Training*									
		<b>Practical</b>									
1	CE06PPC06	Environmental Engineering Lab	0	0	3	-	-	30	20	50	1.5
2	CE06PPC07	Computer Applications in Civil Engg. Lab	0	0	3	-	-	30	20	50	1.5
										<b>Total Credits</b>	<b>23</b>

**L - Lecture Hours, T-Tutorial Hours, P - Practical Hours, CT - Class Test, ESE – End Semester Exam; \* Students have to undergo internship/industrial training for a period of 04 weeks during the summer vacation and shall submit a report signed by the concerned organization to the Department in the 7th Semester.**