



Students Undertaking Field Projects / Research Projects / Internships

Department : **Civil Engineering**

Programme Name : **B.Tech in Civil Engineering**

Academic Year: **2023-24**

Relevant document (Scheme highlighted with Internship/Research Project/Field Project)

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

SCHEME OF B.TECH.VI SEMESTER CIVIL ENGINEERING (CBCS-2020-21)
W.E.F. 2022-23 (EVEN SEMESTER)

S. No	Subject Code	Subjects	period/Week			Scheme of Evaluation				Grand Total	Credits
			L	T	P	Internal Assessment (IA)			ESE		
		Theory				CT-I	CT-II	Total			
1	CE206TPC15	Design of Steel Structures	3	1	0	15	15	30	70	100	4
2	CE206TPC16	Environmental Engineering - II	3	0	0	15	15	30	70	100	3
3	CE206TPC17	Water Resources Engineering -I	3	0	0	15	15	30	70	100	3
4	CE206TPC18	Soil Mechanics - II	3	0	0	15	15	30	70	100	3
5	CE206TPE1X	Professional Elective -1X	3	0	0	15	15	30	70	100	3
6	CE206TOE01	Open Elective	3	0	0	15	15	30	70	100	3
		Internship/Industrial Training*									
		Practical									
1	CE206PPC06	Environmental Engineering Lab	0	0	2	-	-	30	20	50	1
2	CE206PPC07	Computer Applications in Civil Engg. Lab	0	0	2	-	-	30	20	50	1
										Total Credits	21

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.

SCHEME CBCS-2020

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

SCHEME OF B.TECH.VIII SEMESTER CIVIL ENGINEERING (CBCS-2020-21)
W.E.F. 2023-24 (EVEN SEMESTER)

S. No	Subject Code	Subjects	period/Week			Scheme of Evaluation				Grand Total	Credits
			L	T	P	Internal Assessment (IA)			ESE		
		Theory				CT-I	CT-II	Total			
1	CE208TPC21	Earthquake Resistant Design of Structures	3	0	0	15	15	30	70	100	3
2	CE208TPE5X	Professional Elective -5X	3	0	0	15	15	30	70	100	3
3	CE208TPE6X	Professional Elective -6X	3	0	0	15	15	30	70	100	3
4	CE208TOE03	Open Elective	3	0	0	15	15	30	70	100	3
		Practical									
1	CE208PPC10	Major Project	0	0	15	-	-	120	80	200	8
2	CE208PPC11	Structural Detailing Lab	0	0	2	-	-	30	20	50	1
										Total Credits	21

L - Lecture Hours, T-Tutorial Hours, P - Practical Hours, CT - Class Test, ESE – End Semester Exam



Scheme of B.Tech. IV Semester Civil Engineering (As per NEP 2020, CBCS & OBE)
W E F 2023-24 (Even Semester)

S.No	Course Code	Subjects	Periods				Evaluation Scheme			Credits
			L	T	P	TA	IA	ESE	Total	
1	CEUDTT1	Structural Analysis-I	3	1	0	10	30	60	100	4
2	CEUDTT2	Fluid Mechanics-II	3	0	0	10	30	60	100	3
3	CEUDTT3	Concrete Technology	3	0	0	10	30	60	100	3
4	CEUDTP1	Estimation and Costing	3	0	0	10	30	60	100	3
	CEUDTP2	Sustainable Construction								
	CEUDTP3	Ocean Engineering								
5	CEUDTO1	Remote Sensing & GIS	3	0	0	10	30	60	100	3
	CHUDTO1	Fluidization Engineering								
	CSUDTO1	Introduction to Information Science								
	ITUDTO1	Computer Network								
	ITUDTO1	Fundamentals of python programming								
	IPUDTO1	Automobile Engineering								
	MEUDTO1	Introduction to Fluid Mechanics								
6	CEUDTO1	Introduction to Electronic Devices & Circuits	2	0	0					0
	CEUDTM1	Management and Organizational Behaviour								
Total (A)			17	1	0				500	16
Practical's/Labs										
7	CEUDLT1	Civil Engineering Drawing with Computer Applications	0	0	2		25	25	50	1
8	CEUDLT2	Material Testing Lab	0	0	2		25	25	50	1
9	CEUDPT1	Mini Project	0	0	4		50	50	100	2
Total(B)			0	0	8				200	4
Total Credits(A+B)									700	20

L-Lecture, T-Tutorial-Practical, TA-Teacher Assessment, IA- Internal Assessment (Based on two class tests (CT) of marks-15 each), ESE-End Sem Examination, NEP-National Education Policy, CBCS-Choice Based Credit System, OBE-Outcome Based Education

[Handwritten signatures and dates]