

SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE
III B.Tech.(4YDC) CIVIL ENGINEERING

SEMESTER - V

S.No.	Subject Category	Subject Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
				L	T	P			Th.	CW	SW	Pr.	Total
1	PCC	CE31006	Environmental Engineering	3	-	-	3	-	70	30	-	-	100
2	PCC	CE31003	Design of RCC Structures	3	-	-	3	-	70	30	-	-	100
3	PCC	CE31007	Structural Analysis-I	3	1	-	4	-	70	30	-	-	100
4	PCC	CE31010	Water Resource Engineering	3	-	-	3	-	70	30	-	-	100
5	PEC		Elective I	3	-	-	3	-	70	30	-	-	100
6	LC (CE)		Environmental Engineering Lab	-	-	2	-	1	-	-	20	30	50
7	LC (CE)		Design and Detailing of RCC structure Lab	-	-	2	-	1	-	-	20	30	50
8	LC (CE)		Water Resource Engineering Lab	-	-	2	-	1	-	-	20	30	50
9	LC (CE)		Advance Highway and Airport Engineering Lab	-	-	2	-	1	-	-	20	30	50
10	MB		Organizational Behaviour and Human Resource Mangement*	3	-	-	-	-	-	100	-	-	100
11	PROJ	CE—	Industrial Training / Seminar/Field Visit	-	-	4	-	2	-	-	100	-	100
Total				18	1	12	16	6	350	250	180	120	900

*Non Credit Mandatory Subject

SEMESTER - VI

S.No.	Subject Category	Subject Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
				L	T	P			Th.	CW	SW	Pr.	Total
1	PCC	CE31502	Design of Steel Structures	3	-	-	3	-	70	30	-	-	100
2	PCC	CE31505	Structural Analysis-II	3	1	-	4	-	70	30	-	-	100


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3	PCC	CE31506	Construction Technology-II	3	-	-	3	-	70	30	-	-	100
4	PCC	CE31507	Geotechnical Engineering - I	3	-	-	3	-	70	30	-	-	200
5	PEC		Elective II	3	-	-	3	-	70	30	-	-	100
6	LC(CE)		Steel Structure Design and Detailing Lab	-	-	2	-	1	-	-	20	30	50
7	LC(CE)		Construction Technology-II	-	-	2	-	1	-	-	20	30	50
8	LC(CE)		Geotechnical Engineering - I	-	-	2	-	1	-	-	20	30	50
9	LC (CE)		Water and Waste water Treatment Lab.	-	-	2	-	1	-	-	20	30	50
10	PROJ		Minor Project	-	-	4	-	2	-	-	40	60	100
Total				15	1	12	16	6	350	150	120	180	900

Vocational Degree in Civil Engineering shall be awarded after acquiring additional 10 credits out of which 6 credits as 3 Months industrial training within five years




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List of Electives

Elective I			Semester V
S.No.	Subject Category	Subject Code	Subject
1	PEC	CE31201	Advance Highway and Airport Engineering
2	PEC	CE31202	Pavement Design Construction and Maintanance
3	PEC		MOOC/SWAYAM online course

Elective II			Semester VI
S.No.	Subject Category	Subject Code	Subject
1	PEC	CE31701	Decentralized Waste Water Management
2	PEC	CE31702	Environmental Auditing and Management Systems
3	PEC	CE31703	Water and Wastewater Treatment Technologies
4	PEC		Biological Processes for Contaminant Removal
5	PEC		MOOC/SWAYAM online course




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