

SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE

SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE
I M.TECH. ENVIRONMENTAL ENGINEERING

SEMESTER - I

S.No.	Subject Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	CE59012	Environmental Microbiology	3	-	-	3	-	70	30	-	-	100
2	CE50009	Advanced Concrete Technology	3	-	-	3	-	70	30	-	-	100
3	CE59011	Environmental Chemistry	3	-	-	3	-	70	30	-	-	100
5		Elective I	3	-	-	3	-	70	30	-	-	100
6		Elective II	3	-	-	3	-	70	30	-	-	100
7	CE59454	Environmental Chemistry Lab.	-	-	2	-	1	-	-	40	60	100
8	CE59455	Microbiology Lab.	-	-	2	-	1	-	-	40	60	100
9	CE59456	Concrete Technology Lab.	-	-	4	-	2	-	-	40	60	100
10	CE59499	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			15	0	8	15	4	350	150	120	180	800

SEMESTER - II

S.No.	Subject Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	CE59517	Industrial Waste & Pollution Management	3	-	-	3	-	70	30	-	-	100
2	CE59516	Unit Operation I : Advanced water Treatment	3	-	-	3	-	70	30	-	-	100
3	CE59515	Unit Operation II : Advanced Sewage Treatment	3	-	-	3	-	70	30	-	-	100
4		ELECTIVE III	3	-	-	3	-	70	30	-	-	100
5		ELECTIVE IV	3	-	-	3	-	70	30	-	-	100
6	CE59853	Unit Operation-I Lab.	-	-	2	-	1	-	-	40	60	100
7	CE59854	Unit Operation-II Lab.	-	-	4	-	2	-	-	40	60	100
8	CE59882	Seminar	-	-	2	-	1	-	-	50	-	50
9	CE59899	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			15	0	8	15	4	350	150	130	120	750

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List of Electives

Elective - I		Semester I
S.No	Subject Code	Subject
1	CE59251	Environmental Ecology, Sanitation and Health
2	CE59252	Applied Statistics and Environmental System Modelling
3	CE59253	Air Pollution & Control Technology

Elective - II		Semester I
S.No	Subject Code	Subject
1	CE59351	Hydrology, Applied Hydraulics & Ground Water
2	CE59352	System Engineering Approach to Environmental Engineering
3	CE59353	Design of PHE Structures

Elective - III		Semester II
S.No	Subject Code	Subject
1	CE59711	Remote Sensing & its Applications to Environmental Engineering
2	CE59712	Environmental Impact Assessment, Case Study & Environmental Laws & Policy
3	CE59713	Environmental Geotechnics

Elective - IV		Semester II
S.No	Subject Code	Subject
1	CE59751	Soild Waste Management
2	CE59752	Numerical & System Methods

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3	CE59753	Instrumentation and its applications to Enviromemntal Engineering
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