

SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE
I.M.E. WATER RESOURCE ENGINEERING

SEMESTER - I

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	CE50002	System Mathematics & Mathematical Modelling	4	-	-	4	-	70	30	-	-	100
2	CE50003	Concrete Technology & Composite	4	-	-	4	-	70	30	-	-	100
3	CE52003	Design of Diversion Structures	4	-	-	4	-	70	30	-	-	100
4	CE52004	Hydrologic Analysis	4	-	-	4	-	70	30	-	-	100
5	CE52006	Ground Water Hydrology	4	-	-	4	-	70	30	-	-	100
6	CE52451	Concrete Technology Lab.	-	-	2	-	2	-	-	40	60	100
7	CE52452	Diversion Structures Lab.	-	-	2	-	2	-	-	40	60	100
8	CE52453	Computing Techniques Lab.	-	-	4	-	4	-	-	40	60	100
9	CE52500	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			20	0	8	20	8	350	150	120	180	800

SEMESTER - II

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	CE52502	Design of Storage Structures	4	-	-	4	-	70	30	-	-	100
2	CE52503	Stochastic Hydrology	4	-	-	4	-	70	30	-	-	100
3	CE52505	Water Resources Systems Engg.	4	-	-	4	-	70	30	-	-	100
4	CE52506	Water Management	4	-	-	4	-	70	30	-	-	100
5	Elective I		4	-	-	4	-	70	30	-	-	100
6	CE52851	Storage Structures Lab.	-	-	4	-	4	-	-	40	60	100
7	CE52852	System Engg. Lab.	-	-	4	-	4	-	-	40	60	100
8	CE52881	Seminar	-	-	2	-	2	-	-	100	-	100
9	CE52900	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			20	0	10	20	10	350	150	180	120	800

I M.E. WATER RESOURCE ENGINEERING

Elective I		Semester II
S.No.	Sub. Code	Subject
1	CE52701	Advanced Hydrological Modelling (CE 5271)
2	CE52702	Environmental Impact Assessment of Water Resources Projects
3	CE52703	Finite Element Applications in Water Resources(CE 5273)
4	CE52704	Regional Water Resources Planning & its Economic(CE 5274)
5	CE52705	Remote Sensing Applications to Water Resources(CE 5275)
6		Climate Change and Adaptation in Water Management
7		Watershed conservation and Management
8		Geospatial Technologies in Water Resources
9		Hydropower Engineering

II M.E. WATER RESOURCE ENGINEERING

SEMESTER - III

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	CE52901	Dissertation (Phase-I)	-	-	20	-	20	-	-	100	150	250
Total			0	0	20	-	20	0	0	100	150	250

SEMESTER - IV

(Admitted before 2012)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			Test-II	End Sem.	SW	Pr.	Total
1	CE 5296	Dissertation (Phase-II)	-	-	22	-	22	-	-	160	240	400
Total			0	0	22	-	22	0	0	160	240	400

(Admitted in 2012-2016)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			Test-II	End Sem.	SW	Pr.	Total
1	CE 5294	Dissertation (Phase-II)	-	-	30	-	30	-	-	160	240	400
Total			0	0	30	-	30	0	0	160	240	400

(Admitted in and after 2017)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			Test-II	End Sem.	SW	Pr.	Total
1	CE52951	Dissertation (Phase-II)	-	-	30	-	30	-	-	160	240	400
Total			0	0	30	-	30	0	0	160	240	400