

SHRI G.S. INSTITUTE OF TECHNOLOGY & SCIENCE INDORE
DEPARTMENT OF CIVIL ENGINEERING & APPLIED MECHANICS

PROGRAM OUTCOME

Target

Year	Sem	Subject Code	Subject Nomenclature	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
I	I	CH10516	Chemistry	1.80	2.20	1.00	1.60	1.00	1.00	1.00	1.25	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00
		CO10504	Programming for Problem Solving	3.00	3.00	2.50	1.50	2.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
		HU10651	Technical English	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1.70	0.00	1.40	0.00	0.00	0.00	0.00
		MA 10501	Mathematics – II	3.00	3.00	3.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	3.00	0.00	0.00	0.00	0.00	0.00
		ME10652	Fundamental of Mechanical Engineering	3.00	3.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	2.00	0.00	2.00	1.00	0.00	0.00	0.00
	II																		
		CE10003	Fundamentals of Civil Engineering & Applied Mechanics	3.00	2.80	1.00	2.00	2.75	3.00	0.00	0.00	2.00	2.50	0.00	3.00	0.00	0.00	0.00	0.00
		EE10005	Fundamentals of Electrical Engineering	3.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MA 10001	Mathematics I	3.00	3.00	3.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	3.00	0.00	0.00	0.00	0.00	0.00
		ME10149	Engineering Graphics	2.68	1.60	1.60	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.40	1.20
		PH10006	Physics	3.00	2.50	1.25	1.50	1.75	0.25	1.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
II	III	CE21002	Geodesy	3.00	2.80	2.40	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.20	3.00	0.00	0.00
		CE21002	Geodesy (P)	3.00	3.00	2.00	2.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.00	2.00	0.00	0.00
		CE21003	Strength of Materials	3.00	3.00	0.60	1.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	0.00	0.00
		CE21003	Strength of Materials (P)	3.00	3.00	2.00	3.00	2.30	0.00	0.00	0.00	1.00	0.00	0.00	2.00	2.70	2.30	0.00	0.00
		CE21004	Material Technology	3.00	1.40	1.50	0.00	0.00	2.00	0.00	0.00	0.00	1.20	0.00	3.00	2.40	2.00	0.00	0.00
		CE21004	Material Technology (P)	3.00	3.00	2.30	0.00	3.00	0.00	0.00	3.00	3.00	3.00	0.00	3.00	2.80	3.00	0.00	0.00
		CE21007	Building Planning and Architecture	2.40	2.00	0.00	2.25	0.00	0.00	0.00	3.00	0.00	0.00	0.00	3.00	1.00	2.33	1.00	1.00
		CE21007	Building Planning and Architecture (P)	3.00	3.00	3.00	0.00	0.00	0.00	0.00	2.00	2.67	0.00	0.00	3.00	3.00	2.67	1.00	2.00
		HU21481	Values, Humanity and Professional Ethics	1.00	1.00	2.00	1.00	1.00	2.20	2.00	2.60	1.25	1.20	0.00	1.80	0.00	0.00	0.00	0.00
		HUM2001	Constitution Of India*	0.00	2.00	0.00	0.00	0.00	2.20	1.75	0.00	0.00	0.00	0.00	1.80	1.00	2.00	1.00	0.00
		MA21006	Mathematics III	3.00	3.00	2.40	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.40	0.00	0.00	0.00	0.00
	IV	CE21502	Construction Technology I	3.00	0.00	0.00	0.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	2.40	2.00	0.00	0.00
		CE21502	Construction TechnologyOI (P)	3.00	3.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	3.00	2.70	2.30	0.00	0.00
		CE21504	Transportation Engineering	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	3.00	3.00	0.00	0.00	0.00
		CE21504	Transportation Engineering (P)	3.00	3.00	3.00	2.30	0.00	0.00	0.00	3.00	3.00	0.00	0.00	3.00	3.00	3.00	0.00	0.00
		CE21508	Engineering Geology	2.40	2.00	0.00	3.00	2.00	2.00	0.00	0.00	0.00	3.00	0.00	3.00	2.40	2.20	1.60	1.60
		CE21508	Engineering Geology (P)	2.67	2.33	0.00	2.00	0.00	0.00	2.00	0.00	2.00	0.00	0.00	2.00	2.50	2.00	1.67	2.00
		CE21554	Structural Mechanics	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	0.00	0.00
		CE21554	Structural Mechanics(P)	3.00	3.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	3.00	0.00	3.00	3.00	0.00	0.00

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		CE21557	Fluid Mechanics	2.60	1.20	0.40	0.80	0.60	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.20	1.20	0.00	0.00
		CE21557	Fluid Mechanics (P)	3.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	3.00	3.00	3.00	0.00	0.00
		HU21507	Economics for Engineers	2.00	1.50	2.50	0.00	2.00	2.00	1.50	1.00	2.00	2.00	2.75	1.00	2.33	2.00	2.20	2.00
		HUM2052	Essence Of Indian Knowledge Tradition*	2.00	1.50	2.50	0.00	2.00	2.00	1.50	1.00	2.00	2.00	2.75	1.00	2.00	1.80	2.00	2.00
III	V	CE31003	Design of RCC Structures	3.00	3.00	3.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	1.40	0.60
		CE31003	Design of RCC Structures (P)	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	3.00	3.00	1.00	0.00	1.00
		CE31006	Environmental Engineering	3.00	2.40	1.25	0.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	2.80	2.60	1.60	2.60
		CE31006	Environmental Engineering (P)	3.00	2.00	0.00	2.00	3.00	3.00	3.00	0.00	2.30	2.00	0.00	3.00	0.00	0.00	3.00	3.00
		CE31007	Structural Analysis-I	3.00	3.00	2.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	1.80	3.00	3.00	1.60	0.00
		CE31010	Water Resource Engineering	2.60	1.80	0.20	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	2.60	2.60	1.00	2.20	1.00
		CE31010	Water Resource Engineering (P)	3.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.00	2.00	0.00	1.00
		CE31201	Advance Highway and Airport Engineering	2.40	2.60	2.60	2.40	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	3.00	1.20	1.60
		CE31201	Advance Highway and Airport Engineering (P)	2.40	0.00	0.00	0.00	0.00	1.20	1.40	0.80	2.00	0.00	2.60	2.40	3.00	1.40	1.60	1.60
		CE31490	Industrial Training / Seminar/ Field Visit	1.40	1.80	1.40	1.40	1.60	1.80	1.40	1.00	1.20	1.80	2.40	2.60	1.00	1.40	1.40	1.00
	VI	CE31502	Design of Steel Structures	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	3.00	1.40	0.00
		CE31502	Design of Steel Structures (P)	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	0.00	3.00	3.00	3.00	1.00	0.00	0.00
		CE31505	Structural Analysis-II	3.00	3.00	2.60	2.60	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	1.60	0.00
		CE31506	Construction Technology-II	2.60	2.80	1.60	1.20	0.60	0.00	0.00	0.40	0.00	0.00	0.00	1.00	1.40	2.40	3.00	0.80
		CE31506	Construction Technology-II (P)	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	3.00	0.70	0.30
		CE31507	Geotechnical Engineering -I	2.40	2.20	2.00	0.00	0.20	0.20	1.20	0.00	0.00	0.00	0.00	0.00	2.60	2.60	1.40	0.60
		CE31507	Geotechnical Engineering -I (P)	3.00	3.00	0.00	0.00	0.00	1.00	0.00	2.00	2.00	0.00	2.00	3.00	3.00	3.00	1.00	1.50
		CE31703	Water and Wastewater Treatment Technologies	3.00	1.60	2.60	1.00	0.00	1.50	1.60	1.00	1.00	0.00	0.00	1.00	2.20	3.00	1.60	2.20
		CE31703	Water and Wastewater Treatment Technologies (P)	3.00	2.00	1.00	1.50	1.00	1.50	2.00	1.50	2.00	1.70	3.00	2.00	2.30	2.00	2.30	2.70
		CE31902	Technical Visit (P)	1.60	1.40	1.60	1.80	1.60	1.60	1.40	2.00	2.00	1.80	2.80	2.20	1.00	1.40	1.20	1.40
VII		CE41001	Design of Advanced RCC Structures	3.00	3.00	3.00	0.00	0.00	0.00	3.00	3.00	0.00	0.00	0.00	3.00	2.40	3.00	2.60	2.60
		CE41001	Design of Advanced RCC Structures (P)	3.00	3.00	3.00	0.00	0.00	0.00	3.00	3.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00
		CE41006	Design of Hydraulic Structure	3.00	2.50	2.40	3.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	3.00	2.60	3.00	2.40	2.80
		CE41006	Design of Hydraulic Structure (P)	3.00	2.50	3.00	3.00	2.30	0.00	0.00	3.00	0.00	0.00	0.00	3.00	2.80	3.00	2.80	2.80
		CE41007	Geotechnical Engg.-II	3.00	2.40	0.00	0.40	0.00	0.00	0.60	0.60	0.00	0.00	0.00	3.00	2.60	2.60	1.40	0.60
		CE41007	Geotechnical Engg. -II (P)	3.00	3.00	0.00	3.00	0.00	0.00	1.00	0.00	2.00	2.00	0.00	2.00	3.00	3.00	3.00	2.50
		CE41282	Advanced Structure Design Building	3.00	3.00	3.00	0.00	0.00	0.00	3.00	3.00	0.00	0.00	0.00	3.00	2.40	3.00	2.60	2.60

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IV		CE41311	Traffic Engineering(CE41301)	3.00	2.50	2.50	3.00	0.00	3.00	0.00	2.50	0.00	0.00	2.00	2.00	3.00	3.00	2.80	2.80
		CE41315	Industrial Waste Water Management	3.00	2.00	1.00	1.30	3.00	1.30	2.50	1.00	1.00	0.00	2.00	0.00	3.00	3.00	2.80	3.00
		CE41998	Minor Project (P)	1.80	1.30	1.50	1.30	2.20	1.80	1.50	1.20	2.00	1.50	1.70	1.80	1.50	1.70	1.50	1.50
		CE 41997	Major Project (AB Group)	1.71	1.43	0.00	1.43	0.00	0.00	0.00	1.14	0.00	0.00	0.00	2.00	1.57	1.71	1.57	1.57
		CE41674	Advanced Transportation Engineering	2.20	2.00	2.00	1.20	0.60	1.60	0.80	0.40	0.00	0.00	1.00	0.40	3.00	3.00	2.60	2.80
		CE41678	Design of RCC and Prestressed Bridge	3.00	2.00	2.00	2.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	2.80	2.40
		CE41711	Municipal Solid Waste Management(CE41701)	3.00	0.00	3.00	0.00	3.00	2.30	2.70	0.00	2.50	0.00	1.70	0.00	2.20	2.40	1.40	2.20
		CE41712	Advanced Construction Practices	2.50	2.00	2.80	2.00	2.30	2.00	2.00	2.00	0.00	1.00	0.00	1.50	2.50	2.00	2.80	2.00
		CE41775	Finite Element Methods	3.00	3.00	2.80	3.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.80	3.00	2.00
		CE41882	Industrial Training & Internship (P)	1.60	1.40	1.60	1.80	1.60	1.60	1.40	2.00	2.00	1.80	2.80	2.20	1.00	1.40	1.20	1.40
TARGET				2.72	2.44	2.12	1.80	1.88	1.81	1.70	1.92	1.79	1.77	2.33	2.30	2.44	2.41	1.91	1.80
PO ATTAINMENT BATCH 2019-23				2.65	2.11	1.62	0.99	0.72	1.00	0.86	1.03	0.78	0.43	0.80	1.85	2.29	2.26	1.46	1.31
PO ATTAINMENT BATCH 2020-24				2.70	2.11	1.65	1.00	0.73	0.98	0.85	1.05	0.80	0.44	0.82	1.85	2.31	2.26	1.47	1.40
PO ATTAINMENT BATCH 2021-25				2.20	1.92	1.59	1.45	1.39	1.48	1.42	1.50	1.49	1.51	1.71	2.02	2.02	1.85	1.49	1.62

