

SHRI G.S. INSTITUTE OF TECHNOLOGY & SCIENCE INDORE																			
DEPARTMENT OF CIVIL ENGINEERING & APPLIED MECHANICS																			
PROGRAM OUTCOME																			
BATCH 2020-2024																			
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	MA 10001	Mathematics - I	2.45	2.45	2.45	0.82	0.00	0.00	0.00	0.00	0.82	0.82	0.00	2.45	0.00	2.45	0.00	0.00
		PH10006	Physics	2.25	1.94	1.00	1.23	0.25	0.25	0.25	1.59	1.31	1.70	1.59	2.38	0.00	1.59	0.00	0.00
		EE10005	Fundamentals of Electrical Engineering	0.81	1.10	0.71	0.00	1.58	0.77	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CE10013	Fundamentals of Civil Engineering & Applied Mechanics	1.70	1.58	0.57	1.13	1.53	1.13	0.00	0.00	1.13	1.41	0.00	1.70	1.59	1.59	0.00	0.00
		ME10049	Engineering Graphics	1.61	0.58	0.92	0.58	1.27	1.73	0.00	0.00	0.00	0.00	0.00	2.20	1.23	1.59	0.00	0.00
	II	MA 10501	Mathematics – II	2.42	2.42	2.42	0.80	0.00	0.00	0.00	0.00	0.80	0.80	0.00	2.42	0.00	1.23	0.00	0.00
		CH10506	Chemistry	2.20	2.10	1.33	1.04	0.27	1.10	1.02	0.00	0.58	0.00	0.00	0.59	0.00	0.27	0.00	0.00
		HU10651	Technical English	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.48	0.51	0.00	0.60	0.00	1.06	0.00	0.00
		CO10504	Computer Programing	1.76	1.76	1.47	1.06	1.22	0.00	0.00	0.00	0.68	0.00	0.58	0.00	0.00	0.53	0.00	0.00
		ME10650	Fundamentals of Mechanical Engineering	2.90	2.90	0.00	0.97	0.00	0.00	0.97	0.00	0.00	1.93	0.00	1.93	1.59	0.58	0.00	0.00
		IP10581	Manufacturing Practices	1.71	1.80	0.63	0.00	1.87	1.25	0.00	0.63	1.25	1.71	0.00	1.88	0.00	0.63	0.00	0.00
II	III	CE21007	Building Planning and Architecture	2.31	1.93	0.00	2.16	0.00	0.00	0.00	2.88	0.00	0.00	0.00	2.88	0.96	2.28	0.97	0.97
		CE21007	Building Planning and Architecture lab	2.80	2.80	2.80	0.00	0.00	0.00	0.00	1.90	2.50	0.00	0.00	2.80	2.80	2.50	0.90	1.90
		CE21002	Geodesy	2.80	2.70	2.30	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	2.10	2.80	0.00	0.00
		CE21002	Geodesy LAB	2.90	2.90	1.90	1.90	2.60	0.00	0.00	0.00	1.90	0.00	0.00	2.90	1.90	1.90	0.00	0.00
		CE21003	Strength of Materials	2.50	2.50	1.40	0.80	0.00	1.80	0.00	0.00	0.00	0.00	0.00	2.48	2.48	2.48	0.00	0.00
		CE21004	Strength of Materials(P)	1.30	1.30	0.90	1.80	1.40	0.00	0.00	0.00	0.60	0.00	0.00	1.20	1.60	1.40	0.00	0.00
		CE21004	Material Technology	2.80	1.30	1.40	0.00	0.00	1.90	0.00	0.00	0.00	1.10	0.00	2.80	2.20	1.90	0.00	0.00
		CE21004	Material Technology lab	2.90	2.90	1.30	0.00	1.40	0.00	0.00	2.90	2.90	2.90	0.00	2.90	2.10	2.90	0.00	0.00
		MA21006	Mathematics III	2.40	2.40	2.40	0.80	0.00	0.00	0.00	0.00	0.80	0.80	0.00	2.40	0.00	0.00	0.00	0.00
		HU21481	Values, Humanity and Professional Ethics	0.90	0.90	1.80	0.90	0.90	2.00	1.80	2.30	1.10	1.10	0.00	1.60	0.00	0.00	0.00	0.00
	IV	CE21502	Construction Technology0I	2.60	0.00	0.00	0.00	1.20	1.80	1.80	0.00	0.00	0.00	0.00	1.80	2.10	1.70	0.00	0.00
		CE21502	Construction Technology0I Lab	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	2.50	2.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	2.50	2.50	0.00	0.00
		CE21504	Transportation Engineering lab	2.90	2.90	2.90	2.30	0.00	0.00	0.00	2.90	2.90	0.00	0.00	2.90	2.90	2.90	0.00	0.00
		HU21507	Economics for Engineers	2.00	0.80	1.30	0.00	1.00	1.00	0.80	0.50	1.00	1.00	1.40	0.50	0.00	0.00	0.00	0.00
		CE21508	Engineering Geology	2.29	1.91	0.00	2.84	1.90	1.91	0.00	0.00	0.00	2.86	0.00	2.86	2.29	2.10	1.52	1.52
		CE21508	Engineering Geology lab	1.80	1.60	0.00	0.90	0.00	0.00	0.90	0.00	0.90	0.00	0.00	1.40	1.20	1.40	1.10	1.40
		CE21554	Structural Mechanics	2.10	2.10	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	2.10	2.10	0.00	0.00
		CE21554	Structural Mechanics lab	2.90	2.90	2.90	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00	2.90	2.90	2.90	0.00	0.00
		CE21557	Fluid Mechanics	2.30	1.40	1.00	1.20	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.90	1.10	1.10	0.00	0.00
		CE21557	Fluid Mechanics LAB	2.20	3.00	2.00	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00	3.00	2.90	2.90	0.00	0.00
		CE31006	Environmental Engineering	1.90	1.50	0.60	0.00	0.30	0.60	0.30	0.00	0.00	0.00	0.00	0.00	1.70	1.60	1.10	1.60
		CE31006	Environmental Engineering Lab	2.90	1.90	0.00	1.90	2.90	2.90	2.90	0.00	2.20	1.90	0.00	2.90	0.00	0.00	2.90	2.90
		CE31003	Design of RCC Structures	2.10	2.10	2.10	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	2.10	2.10	2.10	0.70	0.60
		CE31003	Design of RCC Structures LAB	3.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.90	0.00	1.90	2.90	2.90	1.00	0.00	1.00

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III	V	CE31007	Structural Analysis0I	2.30	2.30	1.50	0.00	0.00	2.30	0.00	0.00	0.00	0.00	0.00	1.40	2.30	2.30	1.20	0.00
		CE31010	Water Resource Engineering	2.40	2.00	0.80	0.00	0.00	0.00	1.70	0.00	0.00	0.00	1.70	0.00	0.90	1.60	0.00	0.00
		CE31010	Water Resource Engineering Lab	2.10	1.30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.10	1.10	0.00	0.00
		CE31201	Advance Highway and Airport Engineering	1.80	1.80	1.90	1.80	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.20	0.90	1.20
		CE31201	Advance Highway and Airport Engineering LAB	2.30	0.00	0.00	0.00	0.00	1.20	1.30	0.80	1.20	0.00	1.90	2.30	2.90	1.40	1.50	1.50
		CE31490	Industrial Training / Seminar/ Field Visit	1.00	0.80	1.10	1.50	1.00	1.10	0.80	1.50	1.50	1.30	2.70	2.10	0.00	0.80	0.40	0.60
	VI	CE31502	Design of Steel Structures	2.20	2.20	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	2.20	2.20	1.00	0.00
		CE31502	Design of Steel Structures LAB	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.90	2.90	0.00	2.90	2.90	2.90	1.00	0.00	0.00
		CE31505	Structural Analysis-II	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	1.70	1.70	0.00	0.00
		CE31506	Construction Technology - II	1.62	1.71	1.03	0.82	0.00	0.00	0.00	0.24	0.00	0.00	1.01	1.83	2.24	2.24	1.14	1.10
		CE31506	Construction Technology0II LAB	2.56	2.56	2.56	1.61	0.00	0.00	0.00	0.64	0.00	0.00	1.92	2.88	2.89	2.65	1.69	1.44
		CE31507	Geotechnical Engineering - I	1.70	1.60	1.40	0.00	0.60	0.60	0.90	0.00	0.00	0.00	0.00	0.00	1.90	1.90	1.00	0.70
		CE31507	Geotechnical Engineering - I LAB	2.90	2.90	0.00	0.00	0.00	1.90	0.00	1.90	1.90	0.00	1.90	2.90	2.90	2.90	1.00	1.50
		CE31703	Water and Wastewater Treatment Technologies	2.30	1.30	2.00	0.80	0.00	1.30	1.30	0.80	0.80	0.00	0.00	0.80	1.70	2.30	1.30	1.70
		CE31703	Water and Wastewater Treatment Technologies Lab	3.00	2.00	1.00	1.50	1.00	1.50	2.00	1.50	2.00	1.60	3.00	2.00	2.30	2.00	2.30	2.60
		CE31902	Technical Visit	1.00	0.80	1.10	1.50	1.00	1.10	0.80	1.50	1.50	1.30	2.70	2.10	0.00	0.80	0.40	0.00
IV	VII	CE41001	Design of Advanced RCC Structures	2.00	2.00	2.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	2.00	1.60	2.00	1.80	1.70
		CE41001	Design of Advanced RCC Structures(P)	2.90	2.90	2.90	0.00	0.00	0.00	2.90	2.90	0.00	0.00	0.00	2.90	0.00	0.00	0.00	0.00
		CE41006	Design of Hydraulic Structure	1.63	1.45	1.25	1.72	0.00	0.00	0.00	1.56	0.00	0.00	0.00	1.63	1.38	1.63	1.34	1.56
		CE41006	Design of Hydraulic Structure Lab	2.90	2.40	2.90	2.90	2.20	0.00	0.00	2.90	0.00	0.00	0.00	2.90	2.70	2.90	2.70	2.70
		CE41007	Geotechnical Engg. -II	2.20	2.10	0.00	1.50	0.00	0.00	2.50	0.90	0.00	0.00	0.00	2.20	1.80	1.80	1.00	0.80
		CE41007	Geotechnical Engg. -II LAB	2.90	2.90	0.00	2.90	0.00	0.00	2.00	0.00	2.00	2.00	0.00	2.00	2.90	2.90	2.90	2.40
		CE41284	Industrial Waste Water Treatment	2.60	1.90	0.80	1.10	2.50	0.70	1.80	0.20	0.20	0.00	0.40	0.00	2.60	2.60	2.40	2.60
		CE41311	Traffic Engineering(CE41301)	1.30	1.10	1.40	1.60	0.00	1.50	0.00	1.30	0.00	0.00	1.10	0.90	1.30	1.30	1.20	1.30
		CE41498	Minor Project	1.80	1.30	1.50	1.30	2.10	1.80	1.50	1.10	1.90	1.50	1.60	1.80	1.50	1.60	1.50	1.50
	VIII	CE41674	Advanced Transportation Engineering(CE41684)	2.00	1.80	1.80	1.10	2.90	1.50	1.90	2.00	0.00	0.00	1.60	0.90	2.70	2.70	2.40	2.60
		CE41711	Municipal Solid Waste Management(CE41701)	2.40	0.00	0.40	0.00	1.00	1.50	1.10	0.00	1.60	0.00	0.80	0.00	1.80	1.90	1.61	1.75
		CE41997	Major Project (AB Group)	1.09	0.90	0.00	0.90	0.00	0.00	0.00	0.72	0.00	0.00	0.00	1.27	0.99	1.09	1.05	0.99
CE41882		Industrial Training/Internship/Seminar	1.00	0.80	1.10	1.60	1.00	1.20	0.80	1.60	1.60	1.40	2.70	2.10	0.00	0.80	0.40	0.60	
PO ATTAINMENT BATCH 2020-24				2.21	1.77	1.28	0.85	0.55	0.65	0.63	0.86	0.81	0.38	0.58	1.87	1.77	1.80	0.80	1.12
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

