



EXCEL ENGINEERING COLLEGE

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KOMARAPALAYAM - 637303

DEPARTMENT OF CIVIL ENGINEERING

CO-PO-PSO MAPPING FOR BATCH 2020-24

S.No	Sem	Course Code	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	SEM 1	C101	20MA102	Mathematics - I for Building Sciences	✓	✓		✓	✓							✓		
2	SEM 1	C102	20CE101	Basics of Civil Engineering	✓	✓	✓	✓	✓	✓						✓	✓	✓
3	SEM 1	C103	20ENE01	Communicative English								✓		✓		✓		✓
4	SEM 1	C104	20CH102	Chemistry for Building Sciences	✓	✓	✓	✓	✓	✓	✓					✓		
5	SEM 1	C105	20ME101	Engineering Graphics	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓
6	SEM 1	C106	20CE102	Civil Engineering Practices Laboratory	✓	✓				✓	✓					✓	✓	✓
7	SEM 1	C107	20MC101	Induction Programme	✓	✓			✓	✓						✓		✓
8	SEM 2	C108	20MA202	Mathematics - II for Building Sciences	✓	✓		✓	✓							✓		
9	SEM 2	C109	20ME201	Engineering Mechanics	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓
10	SEM 2	C110	20ENE02	Advanced Communicative English								✓		✓		✓		✓
11	SEM 2	C111	20PH202	Physics for Building Sciences	✓	✓	✓	✓	✓	✓						✓		
12	SEM 2	C112	20CS201	Problem Solving using Python	✓	✓			✓	✓	✓					✓	✓	
13	SEM 2	C113	20CE201	Computer Aided Building Drawing Laboratory	✓	✓			✓	✓						✓	✓	
14	SEM 2	C114	20MC201	Environmental Sciences	✓	✓	✓			✓	✓	✓	✓			✓		✓
15	SEM 2	C115	20MA301	Transforms and Boundary value Problems	✓	✓		✓	✓							✓		
16	SEM 3	C201	20CE301	Mechanics of Solids I	✓	✓	✓	✓	✓							✓	✓	
17	SEM 3	C202	20CE302	Fluid Mechanics	✓	✓	✓	✓	✓							✓	✓	
18	SEM 3	C203	20CE303	Engineering Geology	✓	✓	✓		✓		✓					✓		
19	SEM 3	C204	20CE304	Surveying I	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
20	SEM 3	C205	20CE305	Construction Materials	✓	✓	✓	✓	✓		✓					✓		✓
21	SEM 3	C206	20MC301	Interpersonal Skills								✓		✓		✓		✓
22	SEM 4	C207	20MA401	Numerical Analysis and Statistics	✓	✓		✓	✓							✓		
23	SEM 4	C208	20CE401	Concrete Technology	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓
24	SEM 4	C209	20CE402	Geotechnical Engineering I	✓	✓	✓	✓			✓	✓	✓	✓		✓	✓	✓
25	SEM 4	C210	20CE403	Mechanics of Solids II	✓	✓	✓	✓	✓							✓	✓	



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26	SEM 4	C211	20CE404	Surveying II	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓
27	SEM 4	C212	20CE405	Applied Hydraulic Engineering	✓	✓	✓	✓	✓							✓	✓
28	SEM 4	C213	20CE406	Strength of Materials Laboratory	✓	✓	✓	✓	✓							✓	✓
29	SEM 4	C214	20MC401	Soft Skills					✓		✓		✓			✓	
30	SEM 5	C301	20CE501	Design of Reinforced Cement Concrete Elements	✓	✓	✓	✓	✓		✓		✓			✓	✓
31	SEM 5	C302	20CE502	Structural Analysis I	✓	✓	✓	✓	✓				✓	✓		✓	✓
32	SEM 5	C303	20CEE43	Housing Planning and management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	SEM 5	C304	20MEO02	Manufacturing process	✓	✓	✓	✓	✓	✓	✓	✓				✓	
34	SEM 5	C305	20CE503	Environmental Engineering I	✓		✓	✓	✓	✓					✓	✓	
35	SEM 5	C306	20CE504	Geotechnical Engineering II	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓
36	SEM 5	C307	20CE505	Survey Camp	✓	✓	✓	✓	✓			✓				✓	
37	SEM 6	C308	20CE601	Design of Steel Structural Elements	✓	✓	✓	✓	✓		✓		✓			✓	✓
38	SEM 6	C309	20CE602	Structural Analysis II	✓	✓	✓	✓	✓				✓	✓		✓	✓
39	SEM 6	C310	20CE603	Environmental Engineering II	✓	✓	✓	✓	✓	✓						✓	✓
40	SEM 6	C311.a	20CEE41	Construction planning and scheduling	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	
41	SEM 7	C311.a	20CEE07	Municipal solid waste management	✓	✓	✓	✓	✓	✓	✓	✓				✓	
42	SEM 6	C312	20AGO02	Principles of food preservation	✓	✓	✓	✓	✓	✓	✓	✓				✓	
43	SEM 6	C313	20CE604	Highway Engineering	✓	✓	✓	✓	✓		✓	✓				✓	✓
44	SEM 6	C314	20CE605	Mini Project	✓	✓	✓	✓	✓		✓		✓	✓		✓	✓
45	SEM 6	C315	20CE606	Internship	✓	✓	✓	✓	✓		✓		✓	✓		✓	✓
46	SEM 7	C401	20CE701	Structural Dynamics and Earthquake Engineering	✓	✓	✓	✓		✓			✓			✓	✓
47	SEM 7	C402	20CE702	Estimation Costing and valuation Engineering	✓	✓			✓	✓	✓		✓			✓	✓
48	SEM 7	C403	20CE703	Water Resource and Irrigation Engineering	✓	✓	✓	✓	✓		✓					✓	✓
49	SEM 7	C404	20CEE53	Railway airport docks and harbour engineering	✓	✓	✓	✓	✓		✓	✓	✓			✓	✓
50	SEM 7	C405	20CEE03	Air pollution and control engineering	✓		✓	✓	✓	✓					✓	✓	✓
51	SEM 7	C406	20MEO04	Alternative Energy Resources	✓	✓	✓	✓	✓		✓					✓	
52	SEM 7	C407	20CE704	Computer Aided Design and Drawing Laboratory (Concrete and Steel)	✓	✓	✓	✓	✓	✓	✓					✓	✓
53	SEM 7	C408	20CE705	Design Project	✓	✓	✓	✓	✓		✓		✓	✓		✓	✓



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54	SEM 8	C409	20CEEXX	Professional Elective-V	✓	✓	✓		✓		✓					✓	✓	✓
55	SEM 8	C410	20CEEXX	Professional Elective- VI	✓	✓	✓		✓		✓					✓	✓	✓
56	SEM 8	C411	20CE801	Major Project	✓	✓	✓	✓	✓		✓		✓	✓		✓	✓	✓