

# ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY

## LIST OF REGISTERED COURSES (Updated on 21 May, 2022)

### M.Tech./M.Arch., Even semester, 2021-22

#### CIVIL ENGINEERING

S.No.	Course No.	Course Title	Categ.	Credit.	Mode a	Mode b	Mode c	Total
1	CE782H	Final Dissertation Seminar	DC	2	0	1	0	1
2	CE798H	Dissertation	DC	10	0	1	0	1
3	CEC7812	Pre-Dissertation Seminar	PC	2	16	2	0	18
4	CEC7912	Dissertation Phase-II	PC	16	16	2	0	18
5	CEC6912	Computational Lab.	PC	2	17	1	0	18
6	CEC7852	Pre-Dissertation Seminar	PC	2	10	0	0	10
7	CEC7952	Dissertation Phase-II	PC	16	10	0	0	10
8	CEC7832	Pre-Dissertation Seminar	PC	2	12	0	0	12
9	CEC7932	Dissertation Phase-II	PC	16	12	0	0	12
10	CEC7842	Pre-Dissertation Seminar	PC	2	8	0	0	8
11	CEC7942	Dissertation Phase-II	PC	16	8	0	0	8
12	CEC6170	Dynamics of Soils and Foundations	PC	4	10	1	0	11
13	CEC6180	Ground Improvement and Geosynthetics	PC	4	10	1	0	11
14	CEE6570	Pavement Analysis and Design	PE	4	5	1	0	6
15	CEE6040	Finite Element Analysis	PE	4	10	1	0	11
16	CEC6942	Computational Lab	PC	2	10	1	0	11
17	CEC6949	Project	PC	4	10	1	0	11
18	CEC7822	Pre-Dissertation Seminar	PC	2	16	0	0	16
19	CEC7922	Dissertation Phase-II	PC	16	16	0	0	16
20	CEC6030	Structural Dynamics	PC	4	29	0	0	29
21	CEC6290	Disaster Mitigation and Management	PC	4	12	0	0	12
22	CEC6952	Advanced Dynamics Lab	PC	2	12	0	0	12
23	CEC6959	Project	PC	4	12	0	0	12
24	CEE6710	Structure Health Monitoring	PE	4	12	0	0	12
25	CEE6740	Climate Change and Sustainable Development	PE	4	12	0	0	12
26	CEC6130	Biological Treatment Processes	PC	4	17	0	0	17
27	CEC6140	Solid and Hazardous Waste Management	PC	4	17	0	0	17
28	CEC6932	Environmental Engg. Processes Lab.	PC	2	17	0	0	17

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29	CEC6939	Project	PC	4	17	0	0	17
30	CEE6420	Design of Water and Wastewater Treatment Plants	PE	4	17	0	0	17
31	CEE6450	Industrial Wastewater Management	PE	4	17	0	0	17
32	CEE6530	Tunnelling and Underground Construction	PE	4	5	0	0	5
33	CEC6070	Advanced Open Channel Hydraulics	PC	4	16	0	0	16
34	CEC6080	Fluvial Hydraulics	PC	4	16	0	0	16
35	CEC6922	Advanced Hydraulics Lab	PC	2	16	0	0	16
36	CEC6929	Project	PC	4	16	0	0	16
37	CEE6350	Hydropower Engineering	PE	4	16	0	0	16
38	CEE6370	Water Resources Engineering	PE	4	16	0	0	16
39	CEC6040	Finite Element Analysis	PC	4	17	0	0	17
40	CEC6919	Project	PC	4	17	0	0	17
41	CEE6250	Advanced Steel Design	PE	4	6	0	0	6
42	CEE6290	Disaster Mitigation and Management	PE	4	16	0	0	16
43	CEE6270	Advanced Construction Materials	PE	4	10	0	0	10