

**Government College of Engineering Aurangabad**

**List of Open Elective Courses w.e.f. AY 2021-22 (New CBCS Batch)**

Sr. No.	Course Code	Course Name	Eligible Students From Departments	Credits T-T-P	Offered Semester	Offered By Department
1	CEOE1010	Disaster Management	All Except Civil	3-0-0	Even	Civil
2	CEOE0020	Watershed Management	All Except Civil	3-0-0	Odd	Civil
3	CEOE1030	Applied Finite Element Analysis	All Except Civil	3-0-0	Even	Civil
4	CEOE0040	Infrastructure Management	All Except Civil	3-0-0	Odd	Civil
5	CEOE1050	Civil Engineering Structures	All Except Civil	3-0-0	Even	Civil
6	MEOE0010	Total Quality Management	All Except Mechanical	3-0-0	Odd	Mechanical
7	MEOE1020	Automation Engineering	All Except Mechanical	3-0-0	Even	Mechanical
8	MEOE0030	Quality Management Systems	All Except Mechanical	3-0-0	Odd	Mechanical
9	MEOE0031	Renewable Energy Sources	All Except Mechanical	3-0-0	Odd	Mechanical
10	MEOE1040	Entrepreneurship Development	All Except Mechanical	3-0-0	Even	Mechanical
11	MEOE1041	Operation Research	All Except Mechanical	3-0-0	Even	Mechanical
12	MEOE0050	Additive Manufacturing	All Except Mechanical	3-0-0	Odd	Mechanical
13	EEOE0010	Energy and Environment	All Except Electrical	3-0-0	Odd	Electrical
14	EEOE1020	Renewable Energy Technology	All Except Electrical	3-0-0	Even	Electrical
15	EEOE0030	Engineering Optimization	All Except Electrical	3-0-0	Even	Electrical
16	EEOE1040	Electric Vehicles	All Except Electrical	3-0-0	Even	Electrical
17	EEOE0050	Industrial Automation and Control	All Except Electrical	3-0-0	Odd	Electrical
18	ITOE1010	Computer Organization and Architecture	All Except CSE, IT	3-0-0	Even	IT
19	ITOE0020	Data Structures and Algorithm	All Except CSE, IT	3-0-0	Odd	IT
20	ETOE1010	MATLAB Programming	All Except ETC	3-0-0	Even	ETC
21	ETOE0020	Introduction to Signals and Systems	All Except ETC	3-0-0	Odd	ETC
22	ETOE1030	Microcontroller Applications	All Except ETC	3-0-0	Even	ETC
23	ETOE0040	Consumer Electronics	All Except ETC	3-0-0	Odd	ETC
24	ETOE0050	Introduction of Internet of Things	All Except ETC	3-0-0	Odd	ETC
25	CSEO0010	Introduction to C & C++	All Except CSE	3-0-0	Odd	CSE
26	CSEO1011	Introduction to Cloud Computing	All Except CSE	3-0-0	Even	CSE
27	CSEO0012	Introduction to Web Technology	All Except CSE	3-0-0	Odd	CSE
28	CSEO0013	Introduction to Python Programming	All Except CSE	3-0-0	Odd	CSE
29	CSEO1014	Java Programming	All Except CSE	3-0-0	Even	CSE

Approved in XXIV<sup>th</sup> Academic  
Council, Dated 23/07/2022