

# ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY

## LIST OF REGISTERED COURSES (Updated on 24 May, 2022)

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

#### ELECTRICAL ENGINEERING

S.No.	Course No.	Course Title	Categ.	Credit.	Mode a	Mode b	Mode c	Total
1	EEA1110	Principles of Electrical Engineering	ESA	3	239	6	1	246
2	EEA2010	Electrical Engineering	ESA	4	59	1	0	60
3	EEA2020	Electrical Technology	ESA	3	88	0	0	88
4	EEA2970	Electrical Technology Lab	ESA	1.5	88	0	0	88
5	EEC2120	Electrical Machines II	DC	4	67	1	0	68
6	EEC2210	Power Electronics-I	DC	4	67	0	0	67
7	EEC2310	Power System Engineering	DC	4	67	1	0	68
8	EEC2510	Electrical Measurement	DC	4	67	0	0	67
9	EEC2920	Electrical Machines Lab II	DC	2	67	0	0	67
10	EEC2930	Circuits and Measurements Lab	DC	2	67	0	0	67
11	EEC3110	Electrical Drives	DC	4	72	0	0	72
12	EEC3220	New and Renewable Energy Sources	DC	4	72	0	0	72
13	EEC3320	Electrical Power Gen. & Utilization	DC	4	72	0	0	72
14	EEC3410	Dynamic System Analysis	DC	4	72	1	0	73
15	EEC3710	Microcontroller Systems and Appl.	DC	4	72	0	0	72
16	EEC3920	Power System and High Voltage Lab	DC	2	72	0	0	72
17	EEC3930	Instrumentation Lab	DC	2	72	0	0	72
18	EEC4990	Project Phase-II	DC	4	72	0	0	72
19	EEE4120	Electric Vehicles & Traction	DE	3	72	0	0	72
20	EEE4230	Solar Photovoltaic Systems	DE	3	75	0	0	75
21	EEE4320	Power Quality	DE	3	63	0	0	63
22	EEE4740	Digital Signal Processing	DE	3	72	0	0	72
23	EEO4210	Renewable Energy Sources	OE	4	60	0	0	60