

Course Category	Course Code	Course Title	L	T	P	Credit
DC	EE303	Power Electronics	3	0	2	4
	EE304	Power System Analysis	3	0	2	4
DE		Department Elective - 3				4
		Department Elective - 4				4
		Department Elective - 5				4
OE		Open Elective-1	3	0	0	3
PRJT	EE332	LAB/Design Project - I	0	0	10	5
AC	EE333	Industrial Tour	0	0	2	0
AC	HS304	Aptitude & Soft Skills- 4	3	0	0	0
<b>Total</b>						<b>28</b>

**Department Elective 3**

Course Code	Course Title	L	T	P
EE349	Non-Conventional Energy Resources	3	1	0
EE350	Special Electrical Machine	3	1	0
CS346	Introduction to Big Data Analytics	3	0	2

**Department Elective 4**

Course Code	Course Title	L	T	P
EE351	Industrial Electrical Systems	3	1	0
EE352	Digital Control Systems	3	0	2
EE354	Digital Simulation of Power System	3	0	2

**Department Elective 5**

Course Code	Course Title	L	T	P
EE353	Power Station Practice	3	1	0
CS214	Operating Systems	3	1	0
EE348	Electrical Machine Design	3	0	2
EC352	Biomedical Instrumentation	3	0	2
CS205	Dot Net Technologies	3	0	2
IT346	Advanced Web Technology	3	0	2