

SCHOOL OF ENGINEERING AND TECHNOLOGY
SRI PADMAVATHI MAHILA VISVAVISYALAYAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
COURSES OFFERED BY EEE DEPARTMENT

S.No.	Course Code	Name of the Course	No of Credits	Prerequisites
1	19EET01	Basic Electrical & Engineering	3	19BST04-Engineering Mathematics-I 19BST03-Engineering Physics
2	19EET02	Circuits & Networks-I	4	19BST04-Engineering Mathematics-I 19BST03-Engineering Physics
3	19EET03	Circuits & Networks-II	4	19EET02-Circuits & Networks-I
4	19EET04	Electrical Machines-I	3	19BST03-Engineering Physics
5	19EET05	Electro Magnetic Fields	4	19BST04-Engineering Mathematics-I 19BST03-Engineering Physics
6	19EET06	Power Systems-I	3	19EET08-Generation Of Electric Power
7	19EET07	Electrical Machines-II	3	19EET04-Electrical Machines-I
8	19EET08	Generation Of Electric Power	3	-----
9	19EET09	Power Systems-II	3	19EET06-Power Systems-I
10	19EET10	Control Systems	3	19BST04-Engineering Mathematics- I 19 EET02Circuits & Networks-I
11	19EET11	Power Electronics	4	19ECT01-Electronic Materials and Devices
12	19EET12	Electrical & Electronics Measurements	3	19EET02-Circuits & Networks-I
13	19EET13	Power System Analysis	4	19EET06-Power Systems-I 19 EET02-Circuits & Networks-I
14	19EET14	Renewable Energy Sources	3	19EET06-Power Systems-I 19EET08-Generation Of Electric Power
15	19EET15	Electrical Machine Design	3	19EET05-Electrical Machines-I 19EET07-Electrical Machines-II
16	19EET16	Switch Gear & Protection	3	19EET06-Power Systems-I 19EET02-Circuits & Networks-I
17	19EET17	Modern Control Theory	3	19EET10-Control Systems
18	19EET18	Special Machines	3	19EET04-Electrical Machines-I
19	19EET19	Power Quality & FACTS	3	19EET9-Power Systems-II 19EET13-Power Electronics
20	19EET20	High Voltage Engineering	3	19EET06-Power Systems-I 19EET02-Circuits & Networks

S.No.	Course Code	Name of the Course	No of Credits	Prerequisites
21	19EET21	Neural Networks and Fuzzy Logic	3	19BST04-Engineering Mathematics-I
22	19EET22	Industrial Electrical Systems	3	19EET06-Power Systems-I 19EET04-Electrical Machines-I
23	19EET23	Electrical Distribution Systems	3	19EET02-Circuits& Networks 19EET06-Power Systems-I
24	19EET24	Electric Drives	3	19EET13-Power Electronics 19EET04-Electrical Machines-I 19EET07-Electrical Machines-II
25	19EET25	Control Systems Design	3	19EET02-Circuits& Networks 19EET10-Control Systems
26	19EET26	PLCs & Applications	3	19ECT37-Digital Electronics
27	19EET27	Smart Electrical Grids	3	19EET06-Power Systems-I 19EET09-Power Systems-II
28	19EET28	HVDC Transmission Systems	3	19EET09-Power Systems-II 19EET11-Power System Analysis
29	19EET29	Digital Control Systems	3	19EET10-Control Systems
30	19EET30	Utilization of Electrical energy	3	19BST03-Engineering Physics 19EET06-Power Systems-I 19EET04-Electrical Machines-I
31	19EET31	Electrical Energy Materials	3	-----
32	19EET32	Energy Auditing & Demand Side Management	3	19EET06-Power Systems-I 19EET09-Power Systems-II
33	19EET33	Artificial Neural networks	3	19BST04-Engineering Mathematics-I
34	19EET34	Energy Storage System	3	-----
35	19EET35	Conventional and Non-Conventional Energy Sources	3	-----
36	19EET36	Design and Costing of Electrical system	3	19EET06-Power Systems-I
37	19EET37	Network Theory	3	19BST04-Engineering Mathematics-I

PRACTICAL

S.No.	Course Number	Name of the Course	No of Credits	Prerequisites
1	19EEP01	Basic Electrical &Engineering Lab	1	19EET01-Basic Electrical Engineering
2	19EEP02	Circuits & Networks-I Lab	1	19EET02-Circuits& Networks-I
3	19EEP03	Electrical Machines-I Lab	1	19EET04-Electrical Machines-I
4	19EEP04	Circuits & Networks-II Lab	1	19EET02-Circuits& Networks
5	19EEP05	Electrical Machines-II Lab	1	19EET07-Electrical Machines-II
6	19EEP06	Control Systems Lab	1	19EET10-Control Systems
7	19EEP07	Electrical &Electronics Measurements Lab	1	19EET12-Electrical &Electronics Measurements
8	19EEP08	Power Electronics Lab	1	19EET13-Power Electronics
9	19EEP09	Power System Simulation Lab	1	19EET09-Power Systems-II 19EET11-Power System
10	19EEP10	Networks & Simulation Lab	1	19EET01-Basic Electrical & Electronics Engineering