



PRAGATI ENGINEERING COLLEGE (Autonomous)

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 (Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
 (Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
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 (Sponsored by Gayatri Educational Society)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty delivering lectures through softwares:

S.no	Name of the Faculty	Name of the Course	Topics	Software Tools Used
1	Mrs.K.Sandhya Rani	Electronic Devies & Circuits	Diode Characteristics	MAT LAB SIMULINK
2	Mr.G.Bhavanarayana	Power Electronics	MOSFET Characteristics	MAT LAB SIMULINK
3	Mr.G.Bhavanarayana	Power Electronics	IGBT Characteristics	MAT LAB SIMULINK
4	Mr.M.V.Chandra Kumar	Networks Theory -II	Transient Analysis of Linear Circuit	MAT LAB SIMULINK
5	Mr.M N V V Brahmam	Power Electronics	Single Phase Half wave Diode Rectifier	MAT LAB SIMULINK
6	Mrs.P.Vijaya Prasuna	Electronic Devies & Circuits	Single Phase Full Wave Diode Bridge Rectifier	MAT LAB SIMULINK
7	Mr.Sheik Mahaboob Shariff	Power Electronics	Single Phase Full Wave Diode Bridge Rectifier With LC Filter	MAT LAB SIMULINK
8	Dr.K.Satyanarayana	Power Electronics	Three Phase Half wave Diode Rectifier	MAT LAB SIMULINK
9	Mrs.P Vijaya Prasuna	Network Theory-I	Verification of Network Theorems I) Superposition Theorem. II) Thevenin's Theorem. III) Maximum Power Transfer Theorem.	MAT LAB SIMULINK
10	Mrs.M.Manga lakshmi	Network Theory-II	Transient Responses of Series RLC, RL, AND RC Circuits With Sine And Step Inputs	MATLAB Simulink / MULTISIM
11	Mr.M.Manga Lakshi	Network Theory-II	Series and Parallel Resonance	MATLAB - M-file
12	K.Siva Sankar	Control Systems	Root Locus, Bode And Nyquist Plot	MATLAB - M-file
13	G.Bhavanarayana	Network Theory-II	Transfer Function Analysis Of I) Time Response For Step Input II) Frequency Response For Sinusoidal Input.	MATLAB - M-file
14	Dr.G.Naresh	Power System Analysis	Fault Analysis	MATLAB - M-file
15	Ms.S.Vara Lakshmi	Electrical Machines -I	Shunt Motr	MAT LAB SIMULINK
16	K.Sandhya Rani	Linear IC Application	Amplifiers	MAT LAB SIMULINK
17	R.S.Sudhakar	Electro Magnetic Fields	solenoid	MAT LAB SIMULINK
18	K.V.Durga Prasad	Power system Protection	Circuit Breaker	MAT LAB SIMULINK