

G.Narayanamma Institute of Technology and science (for Women)

Electrical and Electronics Department.

CO direct attainment for B.Tech 2018-22 batch

S.No	Course Code	Code	Course Name	CO1	CO2	CO3	CO4	CO5	CO6	INTERNAL EXAM (%)	EXTERNAL EXAM (%)	Direct attainment (0.25*X + 0.75*Y)
1	C101	P	Physics	3	3	3	3	3	3	3	3	3
2	C102	I AMC	Linear Algebra and Multivariable Calculus	3	2	2	2	1	3	2	3	2.75
3	C103	PPS	Programming for Problem Solving	2	1	3	2	2	2	2	3	2.75
4	C104	EG	Engineering Graphics	2	2	2	3	1	1	2	3	2.75
5	C105	IW	Engineering Workshop	2	3		1	3	3	2	3	2.75
6	C106	PL	Physics Lab	3	3	2	2			2	3	2.75
24	C210	TTA	Transform Techniques and Applications	3	3	3		1		2	3	2.75
25	C211	MS	Material Science	2	2	2	2	2	2	2	3	2.75
26	C212	DE	Digital Electronics	3	3	3				2	3	2.75
27	C213	EM-II	Electrical Machines-II	2	2	2	2	2	2	2	3	2.75
28	C214	PS-I	Power Systems-I	1	1	3	3			2	3	2.75
29	C215	EM-II Lab	Electrical Machines-II Lab	2	2	2	2	3	3	3	3	3
30	C216	ESL	Electrical Simulation Lab	2	2	2	2	3	3	3	3	3
7	C107	Prog1	Programming Lab	3	3	3	3	3	3	3	3	3
8	C108	C	Chemistry	3	3	3	3	1	3	3	3	3
9	C109	NTTC	Numerical Techniques and Transform Calculus	3	2	1	1	1	1	0	3	2.25
10	C110	E	English	3	3	3	3	3	3	3	3	3
11	C111	EE	Basic Electrical Engineering	2	2	1	1	1	1	1	3	2.4
12	C112	CL	Chemistry Lab	3	3	3	3	3	3	3	3	3
13	C113	EPCS	English Professional and Communication Skills	3	3	3	3	3	3	3	3	3
14	C114	EEEL	Basic Electrical Engineering Lab	3	3	3	3	3	3	3	3	3
15	C115	CML	Computational Mathematics Lab	3	3	3	3	3	3	3	3	3
16	C201	MA	Mathematical Analysis	2	2	2	1			1	3	2.5
17	C202	CT	Circuits Theory	2	2	3	3	1	1	2	3	2.75
18	C203	AE	Analog Electronics	3	3	3	3	3	3	3	3	3
19	C204	EM-I	Electrical Machines-I	2	1	3	1	3	3	2	3	2.75
20	C205	EMF	Electromagnetic fields	1	1	1	2	2	2	0	3	2.25
21	C206	CL	Circuits Lab	3	3	3	3	3	3	3	3	3
22	C207	AEL	Analog Electronics lab	3	3	3	3	3	3	3	3	3

23	C208	EM-II Lab	Electrical Machines -I Lab	3	3	3	3	3	3	3	3	3
31	C217	DEL	Digital Electronics Lab	3	3	3	3	3	3	3	3	3
32	C301	MEFA	Managerial Economics and Financial Analysis	3	3	3	3	3	3	3	3	3
33	C302	PS-II	Power Systems -II	2	2	2	3	3	3	2	3	2.75
34	C303	CS	Control Systems	3	1	0	2	2	3	3	3	3
35	C304	EMI	Electrical Measurements & Fundamentals of Data Structure	3	3	1	3	3	-	3	3	3
36	C305	FDS	JAVA Programming	1	1	3			3	1	3	2.5
37	C306	JAVA	Disaster Management	2	2	2		2	2	2	3	2.75
38	C307	DM	Electrical Measurements & Instrumentation Lab	3	3	3	3	3	3	3	3	3
39	C308	EMIL	Control Systems Lab	3	3	3	3	3	3	3	3	3
40	C309	CSL	Employability and Soft Skills Lab	3	3	3	3	3	3	3	3	3
41	C310	ESSL	Fundamentals of Management	3	3	3	2	2	2	2	3	2.75
42	C311	FM	Microprocessors and Microcontrollers	3	3	3	2	2	2	2	3	2.75
43	C312	MPMC	Power Electronics	2.5	1	3	0	3	1	3	3	3
44	C313	PE	Open Elective-II (Database Management Systems)	3	0	1	3	3	1.5	0	3	2.25
45	C314	DBMS	Open Elective-II (Behavioral Skills and Professional)	3	3	3	3	3	3	3	3	3
46	C315	BSPC	Electric & Hybrid Vehicles	3	3	3		3	3	3	3	3
47	C316	EHV	Microprocessors and Microcontrollers Lab	2	2	2		3	3	2	3	2.75
48	C321	MPMCL	Power Electronics Lab	3	3	3	3	3	3	3	3	3
49	C322	PEL	Seminar	3	3	3	3	3	3	3	3	3
50	C223	Seminar	Power System Protection	-	-	-	-	2	2	2	3	2.75
51	C401	PSP	Power System Analysis	3	3	2	2			3	3	3
52	C402	PSA	Electric Drives	2	1	2	2	2	2	2	3	2.75
53	C403	ED	Programmable Logic Controllers & Their Applications	3	2	2	1	2	2	2	3	2.75
54	C404	PLCA	Electrical Distribution Systems	2	2	2	2	2	2	2	3	2.75
55	C405	EDS		3	3	3	3	3	3	3	3	3

PRINCIPALS
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56	C406	UEE	Utilization of Electrical Energy	3	3	3	3	3	3	3	3	3	
58	C408	SEG	Smart Electric Grid	2	2	2	1	1	1	2	3	2.75	
59	C409	CS(OE3)	Cyber Security	2	2	2	1	1	1	2	3	2.75	
60	C410	PP(OE-3)	Python Programming	3	3	1	1			2	3	2.75	
61	C411	PSL	Power Systems Lab	3	3	3	3	3	3	3	3	3	
62	C412	Minip	Mini Project	2	2	2	2	2	2	2	3	2.75	
63	C413	PP-1	Project Phase-I	2	2	2	2	2	2	2	3	2.75	
64	C414	EPM	Entrepreneurship and Project Management	3	3				3	3	2	3	2.75
65	C415	GIREs	Grid Integration of Renewable Energy Systems	3	3	3	3	3	3	3	3	3	
70	C420	PQFACTS	Power Quality and FACTS	3	3	3	2.5	3	2	3	3	3	
72	C422	EIA	Environmental Impact Assessment	3	3	3	3	3	3	3	3	3	
73	C423	PP-II	Project Phase-II	2	2	2	2	2	2	2	3	2.75	

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HOD-EEE

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