

DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

CMR TECHNICAL CAMPUS

UGC Autonomous Institute

Accredited by NBA & NAAC with A Grade

Approved by AICTE, New Delhi and Affiliated to JNTU, Hyderabad

ESTD: 2009



S. No.	COURSE	COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
1	Electronic Devices and Circuits	EC201	1.25	1.26	-	1.32	-	-	-	-	-	-	-	1.27	1.26	1.17	1.29
2	Digital System Design	EC202	1.07	1.09	-	1.21	-	-	-	-	-	-	-	1.20		1.14	1.11
3	Signals and Systems	EC203	1.15	1.18	-	1.16	-	-	-	-	-	-	-	1.13	1.17	1.16	1.17
4	Probability Theory and Stochastic Processes	EC204	1.26	1.29	-	1.30	-	-	-	-	-	-	-	1.25	1.28	1.20	1.25
5	Network Analysis and Transmission Lines	EC205	2.21	2.23	2.20	2.21	-	-	-	-	-	-	-	-	2.22	2.23	2.21
6	Digital System Design Lab	EC206	2.95	2.95	2.92	2.94	-	-	-	-	-	-	-	3.00	2.94	2.94	2.97
7	Electronic Devices and Circuits Lab	EC207	2.81	2.83	2.80	2.83	2.83	-	-	-	-	-	-	-	2.82	2.79	2.79
8	Basic Simulation Lab	EC208	2.88	2.80	2.90	2.82	2.84	-	-	-	-	-	-	-	2.87	2.83	2.80
9	Laplace Transforms, Numerical methods & Complex variable	EC209	1.38	1.37	-	-	-	-	-	-	-	-	-	-	1.37	1.38	1.39
10	Analog and Digital Communications	EC210	1.36	1.37	1.43	1.36	1.34	-	-	-	-	-	1.40	1.31	1.42	1.39	1.37
11	Electronic Circuit Analysis	EC211	1.23	1.20	1.21	1.30	1.24	-	-	-	-	-	1.20	1.18	1.19	1.23	1.30
12	Electromagnetic Fields and Waves	EC212	1.34	1.32	1.46	1.31	-	1.17	-	-	-	-	-	-	1.32	1.35	-
13	Linear IC Applications	EC213	1.46	1.48	1.46	1.46	-	-	-	-	-	-	-	-	1.47	1.50	1.50
14	Analog and Digital Communications Lab	EC214	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00	3.00	3.00
15	Electronic Circuit Analysis Lab	EC215	2.54	2.63	2.64	2.41	2.58	-	-	-	-	-	2.81	2.83	2.68	2.69	2.49
16	IC Applications Lab	EC216	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00	3.00	3.00
17	Microprocessors & Microcontrollers	EC301	1.25	1.30	1.25	1.30	1.27	-	-	-	-	-	-	1.30	1.28	1.28	1.26
18	Data Communications and Networks	EC302	2.90	2.90	2.91	2.88	2.90	-	-	-	-	-	-	-	2.90	2.91	2.91
19	Control Systems	EC303	1.41	1.43	1.45	1.44	1.50	-	-	-	-	-	-	-	1.40	1.41	1.39
20	Business Economics & Financial Analysis	EC304	2.25	2.25	-	-	-	-	2.18	2.21	2.20	-	2.22	2.25	2.23	2.23	2.20
21	Computer Organization & Operating Systems	EC305	2.25	2.24	-	2.23	-	-	-	-	2.23	-	2.25	-	2.24	2.24	2.24
23	Microprocessors & Microcontrollers Lab	EC307	2.81	2.91	3.00	-	2.90	-	-	-	-	3.00	-	3.00	2.92	2.88	2.90
24	Data Communications and Networks Lab	EC308	3.00	2.55	2.24	2.14	2.39	-	-	-	-	-	-	-	2.35	2.47	2.40
25	Advanced Communication Skills Lab	EC309	-	-	-	-	-	-	3.00	2.94	2.94	2.95	3.00	3.00	2.96	2.98	2.95
26	Intellectual Property Rights	EC310	-	-	2.93	2.92	-	3.00	-	2.96	2.97	2.97	-	2.94	-	-	2.96
27	Antennas and Wave Propagation	EC311	2.92	2.91	-	2.91	-	-	-	-	2.85	-	2.85	-	2.91	2.89	2.89
28	Digital Signal Processing	EC312	2.23	2.25	-	2.21	2.23	-	-	-	-	-	-	2.21	2.22	2.22	2.23
29	VLSI Design	EC313	2.13	2.15	-	2.16	2.16	-	-	-	-	-	-	2.21	2.16	2.18	2.13

30	Object Oriented Programming through Java	EC314	3.00	3.00	-	2.96	2.96	-	-	-	-	-	-	-	2.99	2.99	2.99
31	Embedded System Design	EC315	2.15	2.05	2.10	2.11	2.10	-	-	-	-	-	-	-	2.12	2.11	2.11
32	SOFTWARE ENGINEERING	EC316	2.18	2.20	2.25	2.15	2.18	-	-	-	-	-	-	-	2.18	2.19	2.21
33	Digital Signal Processing Lab	EC317	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	3.00	3.00
34	e – CAD Lab	EC318	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	3.00	3.00
35	Scripting Languages Lab	EC319	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	-	3.00	3.00
36	Environmental Science	EC320	-	-	3.00	-	-	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00	3.00
37	Artificial Intelligence	EC321	3.00	-	3.00	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00	-	-	3.00
38	Cyber Security	EC322	2.97	2.98	3.00	2.96	2.96	-	-	-	-	-	-	-	2.98	2.98	2.97
39	Microwave and Optical Communications	EC401	1.48	1.48	1.48	1.48	1.48	-	-	-	-	-	1.48	1.48	1.48	1.50	-
40	Digital Image Processing	EC402	5.18	5.25	-	5.16	5.25	-	-	5.19	-	5.25	5.25	5.16	-	-	5.18
41	Biomedical Instrumentation	EC403	2.92	2.93	-	2.95	-	-	-	-	2.86	-	2.88	-	2.93	2.93	2.95
42	Database Management Systems	EC404	2.93	2.98	2.93	2.98	3.00	-	-	-	-	-	3.00	-	-	-	2.96
43	RS & GIS	EC405	2.96	2.88	-	2.87	-	-	-	-	2.90	-	3.00	-	2.94	2.95	2.92
44	Professional Practice, Law & Ethics	EC406	-	-	-	3.00	-	3.00	-	2.94	2.95	2.95	-	2.93	-	-	2.94
45	Microwave and Optical Communications Lab	EC407	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	3.00	3.00
46	Industrial Oriented Mini Project/ Summer Internship	EC408	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00	3.00	3.00
47	Seminar	EC409	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	-	3.00	3.00	3.00
48	Project Stage – I	EC410	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
49	Radar Systems	EC412	2.98	3.00	-	2.98	-	-	-	-	-	-	-	3.00	2.98	2.99	2.96
50	Data Mining	EC413	2.99	2.99	-	2.99	-	-	-	-	2.97	-	3.00	-	2.99	2.99	2.99
51	Global Position System	EC414	2.18	2.18	2.19	2.19	-	-	-	-	-	-	2.19	2.20	2.22	2.22	2.25
52	Project Stage – II	EC415	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	ATTAINMENT (DIRECT METHOD)		2.47	2.46	2.51	2.50	2.58	2.69	2.88	3.12	2.85	3.27	2.70	2.46	2.42	2.41	2.55