

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Even Semester AY. 2023-24

SEMESTER - 2 (Y23)

SI No	Cohort	Course Code	Course Title	Type	L	T	P	S	Cr	CH	Emp. ID.	Course Instructor
1		23UC1202	ENGLISH PROFICIENCY	HAS	0	0	4	0	2	4		
2		23MT2102	DISCRETE STRUCTURES	BSC	2	2	0	0	4	4		
3		22SC1101	COMPUTATIONAL THINKING FOR OBJECT-ORIENTED DESIGN	BSC	2	0	2	4	4	8		
4		23SC1202	DATA STRUCTURES	ESC	2	0	2	4	4	8		
5	E29	23EC1202	DIGITAL DESIGN AND COMPUTER ARCHITECTURE	ESC	3	0	2	0	4	5		
6	E29	23EC1203	BASIC ELECTRICAL AND ELECTRONIC CIRCUITS	ESC	2	0	0	0	2	2		
Total					11	2	10	8	20	31		
Summer Break												
1		23IE2040	SOCIAL INTERNSHIP	PR	0	0	0	4	0	4		

SEMESTER - 4 (Y22)

SI No		Course Code	Course Title	Type	L	T	P	S	Cr	CH		
1		22UC3108	PROBLEM SOLVING AND REASONING SKILLS - 1	HAS	0	0	4	0	2	4		
2	E21	22EC2209R	ELECTOMAGNETIC WAVES AND TRANSMISSION LINES	PCC	3	0	0	0	3	3	3144	DR. K. KUMAR NAIK - CC
											731	DR.M.VENKATA NARAYANA
											855	DR.I.GOVARDHINI
											928	DR. K. CH. SRI KAVYA
											2326	DR. K. SARAT KUMAR
											7207	DR. SUMIT BHUSHAN - ACC
	E21	22EC2209A	ELECTOMAGNETIC WAVES AND TRANSMISSION LINES	PCC	4	0	2	0	5		4621	DR.M.SUJATHA - CC
											3413	DR. Md. Z. RAHMAN
											7207	DR. SUMIT BHUSHAN
	E21	22EC2209P	ELECTOMAGNETIC WAVES AND TRANSMISSION LINES	PCC	4	0	2	0	5			
3	E10	22EC2208R	DIGITAL COMMUNICATION	PCC	3	0	2	2	4.5	7	3661	DR. D. SREENIVASA RAO - CC
											2838	DR. G. V. SUBBA RAO
											2469	DR. M. SRIDHAR
											2684	DR. D. VENKATA RATNAM
											1181	DR. M. RAVI KUMAR
											1181	DR. M. RAVI KUMAR
	E10	22EC2208A	DIGITAL COMMUNICATION	PCC	4	0	4	2	6.5	10	2922	DR. VENU GOPAL RAO MATCHA - CC
											2978	DR. D. BHAVANA
											7233	DR. VASIMALLA YESUDASU
	E10	22EC2208P	DIGITAL COMMUNICATION	PCC	4	0	4	2	6.5	10		
4	E07	22EC2210R	NETWORK PROTOCOLS AND SECURITY	PCC	3	0	2	0	4	5	2224	DR. G. V. GANESH-CC

											2982	DR. C. SREEVARDHAN
											4171	DR. K. UDAY KIRAN
											5129	DR. C. S. PREETHAM REDDY
											5398	DR. R. REVATHI-ACC
											4573	MR. K. SURESH KUMAR
	E07	22EC2210R	NETWORK PROTOCOLS AND SECURITY	PCC	3	0	2	0	4	5		
	E07	22EC2210A	NETWORK PROTOCOLS AND SECURITY	PCC	4	0	4	0	6	8		
	E07	22EC2210A	NETWORK PROTOCOLS AND SECURITY	PCC	4	0	4	0	6	8	5398	DR. R. REVATHI-CC
											7100	MR. ABHISHEK KUMAR
											4573	MR. K. SURESH KUMAR
	E07	22EC2210P	NETWORK PROTOCOLS AND SECURITY	PCC	4	0	4	0	6	8		
5	E29	22EC2211R	VLSI DESIGN	PCC	3	0	2	2	4.5	7	2457	DR.K.HARI KISHORE-CC
											6213	DR. NAREN DAS
											3867	DR. K. SRINIVASA RAO
											2455	DR. M. SIVA KUMAR
											2456	DR. SYED INTHIYAZ
											6580	DR. RAMAKRISHNA THIRUMURU
	E29	22EC2211A	VLSI DESIGN	PCC	4	0	4	2	4.5	10	7158	DR. DEBAJIT DEB-CC
											5477	DR. S. VAMSEE KRISHNA
											4272	DR. G. S. K. SANTOSH
	E29	22EC2211P	VLSI DESIGN	PCC	4	0	4	2	4.5	10		
6			FLEXI CORE-I	FCC	2	0	2	0	3	4		
7	E12	22EC2215R	ELECTRONIC SYSTEM AUTOMATION	SDC	0	0	2	4	2	6	5395	DR. ASWIN KUMER S V - CC
											841	Dr. SUMAN MALOJI
											928	DR. K. CH. SRI KAVYA
											2497	DR. SYED SHAMEEM
											4171	DR. K. UDAY KIRAN
											5616	DR. S. ARUNMETHA
											6454	DR. SK. HASANE AHAMMAD
											8212	MRS. P. SIVANI
	E12	22EC2215A	ELECTRONIC SYSTEM AUTOMATION	SDC	0	0	6	4	4		4452	DR. K. VENKATA RATNAM
											5239	MR. M LAKSHMANA KUMAR
											8276	DR. SR SRITHER-CC
	E12	22EC2215P	ELECTRONIC SYSTEM AUTOMATION	SDC	0	0	6	4	4			
			Total		53	0	48	16	77	105		
1			SPORTS/YOGA CERTIFLCATION	VAC	2	0	0	0	0	2		
2		22UC0022	SOCIAL IMMERSIVE LEARNING-II	HAS	0	0	0	4	1	0		
3			VAC-II	VAC	0	0	0	8	0	0		
	E12	22EC2106	PROCESSORS AND CONTROLLERS	PCC	3	0	2	2	4.5	7	4966	DR. N. PRABAKARAN - CC
											2994	DR. CH. RAGHAVA PRASAD
Flexi Core Courses for Second Year												
1	E12	22EC2221	EMBEDDED SYSTEM DESIGN	FCC	2	0	2	0	3	4	6224	DR. ATUL KUMAR-CC
											2045	DR. KALLAKUNTA RAVI KUMAR
2	E29	22EC2222	DIGITAL VLSI DESIGN	FCC	2	0	2	0	3	4	4773	DR. K. GIRIJA SRAVANI-CC
											6365	DR. ARAVINDHAN A

											5239	MR. M LAKSHMANA KUMAR
3	E22	22EC2223	FUNDAMENTALS OF ROBOTICS	FCC	2	0	2	0	3	4	7912	DR. NISHANT KUMAR-CC
4	E13	22EC2224	DEEP NETWORK ARCHITECTURES	FCC	2	0	2	0	3	4	4173	DR. K. RAJESH BABU-CC
5	E21	22EC2225	RADIATING SYSTEMS AND WAVE PROPAGATION	FCC	2	0	2	0	3	4	6958	DR. ABHISHEK PAHUJA - CC
6	E10	22EC2226	WIRELESS COMMUNICATIONS	FCC	2	0	2	0	3	4	1712	DR. K.S.RAMESH-CC
7	E04	22EC2228	BIOMEDICAL ELECTRONICS AND IOT FOR HEALTHCARE	FCC	2	0	2	0	3	4	3621	DR. P.PARDHASARADHI - CC
8	E11	22AD2221	DATABASE MANAGEMENT SYSTEM		2	0	2	0	3	4		
9	E06	22CS2245	DESIGN AND ANALYSIS OF ALGORITHMS		2	0	2	4	4	8		
10	E05	22CS2244	OPERATING SYSTEMS		2	0	2	0	3	4		
11	E09	22CS2233	INTRODUCTION TO BLOCKCHAIN AND CRYPTO CURRENCIES		2	0	2	0	3	4		
	E07	22EC2241	NETWORK SECURITY	FCC	2	0	2	0	3	4		
SEMESTER - 6 (Y21)												
SI No		Course Code	Course Title	Type	L	T	P	S	Cr	CH		
1		21UC3206	PROBLEM SOLVING SKILLS-II	HSS	0	0	2	2	1.5	4		
2			SCIENCE ELECTIVE-II (CHEMISTRY)	BS	3	0	2	0	4	5		
3	E26	21EE3101	CONTROL SYSTEMS	PC	3	0	2	0	4	5		
		21EE3101A	CONTROL SYSTEMS	PC	4	0	4	0	6			
		21EE3101P	CONTROL SYSTEMS	PC	4	0	4	0	6			
4			PROFESSIONAL ELECTIVE-III	PE	2	0	2	4	4	8		
5			PROFESSIONAL ELECTIVE-IV	PE	2	0	2	0	3	4		
6			PROFESSIONAL ELECTIVE-V (M)	PE	2	0	2	0	3	4		
7		21IE3045	MIDGRADE CAPSTONE PROJECT-II	PR	0	0	2	4	2	2	2978	DR. D. BHAVANA
8		21IE3043	TERM PAPER	PR	0	0	0	4	1	2	2978	DR. D. BHAVANA
Total					20	0	22	14	34.5	34		
Summer Break												
1		21IE4042	INDUSTRY INTERNSHIP	PR	0	0	0	4	1	4		
2		21TS3202	MERN FULL STACK WEB DEVELOPMENT		0	0	0	8	2	8		
PEs for Third Year												
1	E12	21EC3053	EMBEDDED AND REAL-TIME SYSTEMS	PE-3	2	0	2	4	4	8	4822	DR. K.V.SOWMYA - CC
2	E12	21EC3054	EMBEDDED LINUX	PE-4	2	0	2	0	3	4	4719	DR. Y. USHA DEVI - CC
3	E12	21EC3055	CLOUD ARCHITECTURE IN IOT	PE-5	2	0	2	0	3	4	4295	MR. A V PRABU - CC
5	E29	21EC3063	ASIC AND FPGA CHIP DESIGN	PE-3	2	0	2	4	4	8	5155	DR. BUKYA BALAJI-CC
											2488	DR. FAZAL NOORBASHA
											2902	DR. GRK PRASAD
6	E29	21EC3064	SYSTEM ON CHIP DESIGN	PE-4	2	0	2	0	3	4	8417	DR. SANDIP SWARNAKAR
											7501	DR. VIVEKANANTHAN VENKATESWARAN
											4695	DR. R S ERNEST RAVINDRAN
7	E29	21EC3065	ALGORITHMS FOR VLSI DESIGN AUTOMATION	PE-5	2	0	2	0	3	4	5439	DR.CHELLA SANTHOSH-CC
											8213	MR. SRIPATHI SIVA PRASAD
											4695	DR. R S ERNEST RAVINDRAN
9	E22	21EC3073	ADVANCED ROBOTICS	PE-3	2	0	2	4	4	8	5406	DR. S. ROOBAN - CC

