

CS – Core Subject

IS – Interdisciplinary Subject

ES – Elective Subject (for department only)

EIS – Elective Interdisciplinary Subject

CURRICULUM OF B.TECH. 4TH YEAR - (7TH SEMESTER)

SR. NO.	COURSE TITLE	CODE	CREDITS	TEACHING SCHEME (HOURS)			EXAMINATION SCHEME (MARKS)			TOTAL
				L*	T*	P*	L*	T*	P*	
1.	CS-1 VLSI Design	EC401	5	4	0	2	100	0	50	150
2.	CS-2 Mobile Communication	EC403	5	4	0	2	100	0	50	150
3.	CS-3 Electronics Instrumentations	EC405	4	3	0	2	100	0	50	150
4.	Elective - I (ES)	EC4XX	43	3	0	0	100	0	0	100
6.	CS-5 Seminar	EC407	2	0	0	4	0	0	100	100
5.	CS-4 Project Preliminaries	EC409	2	0	0	4	0	0	100	100
TOTAL			21	14	0	14	400	0	350	750

CONTACT HOURS PER WEEK**27**

L* = Lecture, T* = Tutorial/Seminar, P* =Practical/Project

CURRICULUM OF B.TECH. 4TH YEAR - (8TH SEMESTER)

SR. NO.	COURSE TITLE	CODE	CREDITS	TEACHING SCHEME (HOURS)			EXAMINATION SCHEME (MARKS)			TOTAL
				L*	T*	P*	L*	T*	P*	
1.	CS-1 RF & Microwave Engineering	EC402	5	4	0	2	100	0	50	150
2.	CS-2 Electronics System Design	EC404	4	3	0	2	100	0	50	150
3.	IS-1 Industrial Management: Theory & Practices	MH404	4	3	1	0	100	25	0	125

4.	EIS - II (ES)	EC4XX	3	3	0	0	100	0	0	100
5.	Project	EC406	5	0	0	10	0	0	250	250
TOTAL			21	13	1	14	400	25	350	775

CONTACT HOURS PER WEEK

28

L* = Lecture, T* = Tutorial/Seminar, P* =Practical/Project

Advanced Processor Architecture (EC411)

Adaptive Signal Processing (EC413)

**SEMESTER - 7
LIST OF ELECTIVE ES - I:**

Satellite Communication (EC415)

Wideband Communication (EC417)

Error Control Coding Techniques (EC419)

Power Electronics Converters (EC421)

VLSI System Design (EC408)

Advanced Radar Technology (EC412)

**SEMESTER - 8
LIST OF ELECTIVES EIS-I:**

Mobile Computing (EC414)

EM Interference & Compatibility (EC416)

Biomedical Instrumentation (EC418)

Smart Antennas (EC422)