

**SECOND YEAR
THIRD SEMESTER**

Sl. No.	Course No.	Subject	Hours/Week			Marks				Credit
			L	T	P	Theory	Sess.	Pract.	Total	
*1.	MA 231	ENGINEERING MATHEMATICS III	3	1	0	70	30	-	100	3.5
2.	MA 232	DISCRETE MATHEMATICS	3	1	0	70	30	-	100	3.5
*3.	HU 231	ECONOMICS FOR ENGINEERS	2	0	0	35	15	-	50	2
*4.	ME 231	ENGINEERING MECHANICS	3	1	0	70	30	-	100	3.5
*5.	CS 231	PROGRAMMING AND DATA STRUCTURES	3	0	0	70	30	-	100	3
6.	CS 232	DIGITAL LOGIC DESIGN	3	0	0	70	30	-	100	3
		SUB-TOTAL							550	18.5
		PRACTICAL/DESIGN								
7.	ME 231 P	ENGINEERING GRAPHICS	1	0	3	-	30	70	100	2.5
8.	CS 231 P	PROGRAMMING AND DATA STRUCTURES LAB	0	0	3	-	30	70	100	1.5
9.	CS 232 P	DIGITAL LOGIC DESIGN LAB	0	0	3		15	35	50	1.5
		SUB-TOTAL							250	5.5
		TOTAL	18	3	9				800	24.0
10.	NC 231	<i>TECHNICAL ENGLISH</i>	2	0	1	-	35**	15**	-	0.0
11.	NC 232	<i>PHYSICAL TRAINING</i>	0	0	3	-	-	50**	-	0.0

Total credit - 24.0

Working hour/week - 36

*** Common to all Branches**

**** Non credit mandatory course but compulsory to pass**

**SECOND YEAR
FOURTH SEMESTER**

Sl. No.	Course No.	Subject	Hours/Week			Marks				Credit
			L	T	P	Theory	Sess.	Pract.	Total	
*1.	MA 241	NUMERICAL METHODS AND COMPUTATION	3	1	0	70	30		100	3.5
2.	CS 241	COMPUTER ORGANIZATION AND ARCHITECTURE	3	1	0	70	30	-	100	3.5
3.	CS 242	OBJECT ORIENTED PROGRAMMING	3	1	0	70	30		100	3.5
4.	CS 243	FORMAL LANGUAGES AND AUTOMATA THEORY	3	1	0	70	30		100	3.5
5.	CS 244	DESIGN AND ANALYSIS OF ALGORITHMS	3	1	0	70	30		100	3.5
		SUB-TOTAL							500	17.5
		PRACTICAL/DESIGN								
6.	CS 241P	COMPUTER ORGANIZATION AND ARCHITECTURE LAB.	0	0	3	-	30	70	100	1.5.
7.	CS 242P	OBJECT ORIENTED PROGRAMMING LAB.	0	0	3	-	30	70	100	1.5
8.	CS 244P	DESIGN AND ANALYSIS OF ALGORITHMS LAB.	0	0	4	-	30	70	100	2
		SUB-TOTAL							300	5
		TOTAL	15	5	10				800	22.5
9.	NC 241	<i>SOFT SKILL-I</i>	3	0	0	-	50**	-	-	0.0
10.	NC 242	<i>PHYSICAL TRAINING</i>	0	0	3	-	-	50**	-	0.0

Total credit - 22.5

Working hour/week - 36

*** Common to CSE and ECE**

**** Non Credit mandatory course but compulsory to pass**

THIRD YEAR FIFTH SEMESTER

Sl. No.	Course No.	Subject	Hours/Week			Marks				Credit
			L	T	P	Theory	Sess.	Pract.	Total	
1.	CS 351	MICROPROCESSOR AND APPLICATION	3	1	0	70	30	-	100	3.5
2.	CS 352	OPERATING SYSTEM	3	0	0	70	30	-	100	3.0
3.	CS 353	COMPUTER NETWORKS	3	0	0	70	30	-	100	3.0
4.	CS 354	INTRODUCTION TO COMPLEXITY THEORY	3	0	0	70	30	-	100	3.0
5.	CS 355/X	ELECTIVE ñ I	3	0	0	70	30	-	100	3.0
6.	CS 356/X	ELECTIVE-II	3	0	0	70	30	-	100	3.0
		SUB-TOTAL							600	18.5
		PRACTICAL/DESIGN								
7.	CS 351P	MICROPROCESSOR AND APPLICATION LAB.	0	0	3	-	30	70	100	1.5
8.	CS 353P	COMPUTER NETWORKS LAB.	0	0	4	-	30	70	100	2
9.	CS 356/XP	ELECTIVE-II LAB	0	0	4	-	30	70	100	2
		SUB-TOTAL							300	5.5
		TOTAL	18	1	11				900	24.0
10.	NC 351	NCC / N.S.S.	0	0	3	-	-	50**	-	0.0
11.	NC 352	PHYSICAL TRAINING	0	0	3	-	-	50**	-	0.0

Total credit - 24.0

Working hour/week - 36

**** Non Credit mandatory course but compulsory to pass**

THIRD YEAR SIXTH SEMESTER

Sl. No.	Course No.	Subject	Hours/Week			Marks				Credit
			L	T	P	Theory	Sess.	Pract.	Total	
1.	CS 361	DATABASE MANAGEMENT SYSTEM	3	0	0	70	30	-	100	3.0
2.	CS 362	COMPILER	3	0	0	70	30	-	100	3.0
3.	CS 363	SOFTWARE ENGINEERING	3	0	0	70	30	-	100	3.0
4.	CS 364	COMPUTER GRAPHICS	3	0	0	70	30	-	100	3.0
5.	CS 365	GRAPH THEORY	3	1	0	70	30	-	100	3.5
6.	CS 366/X	ELECTIVE ñ III	3	1	0	70	30	-	100	3.5
		SUB-TOTAL							600	19.0
		PRACTICAL/DESIGN								
7.	CS 361P	DATABASE MANAGEMENT SYSTEM LAB	0	0	3	-	15	35	50	1.5
8.	CS 362P	COMPILER LAB.	0	0	3	-	15	35	50	1.5
9.	CS 363P	SOFTWARE ENGG. LAB.	0	0	4		30	70	100	2.0
		SUB-TOTAL							200	5.0
		TOTAL	18	2	10				800	24.0
10.	NC 361	NCC / N.S.S.	0	0	3	-	-	50**	-	0.0
11.	NC 362	PHYSICAL TRAINING	0	0	3	-	-	50**	-	0.0

Total credit - 24.0

Working hour/week - 36

****Non Credit mandatory course but compulsory to pass**

FOUR YEAR SEVENTH SEMESTER

Sl. No.	Course No.	Subject	Hours/Week			Marks				Credit
			L	T	P	Theory	Sess.	Pract.	Total	
***1.	HU 471	PRINCIPLE OF MANAGEMENT	3	0	0	70	30	-	100	3.0
2.	CS 471	DISTRIBUTED SYSTEMS	3	0	0	70	30	-	100	3.0
3.	CS 472/X	ELECTIVE ñ IV	3	1	0	70	30	-	100	3.5
4.	CS 473/X	ELECTIVE ñV	3	1	0	70	30	-	100	3.5
5.	CS 474/X	ELECTIVE ñ VI	3	1	0	70	30	-	100	3.5
		SUB-TOTAL							500	16.5
		PRACTICAL/DESIGN								
6.	CS 475P	PROJECT PRELIMINARY	0	0	6	-	100	-	100	3.0
7.	CS 476P	SOFTWARE SYSTEMS LAB.- II	0	1	3	-	15	35	50	2.0
8.	CS 477P	SEMINAR ñ I	0	0	2		15	35	50	1.0
		SUB-TOTAL							200	6.0
		TOTAL	15	4	11				700	22.5
9.	NC 471	NCC / N.S.S.	0	0	3	-	-	50**	-	0.0
10.	NC 472	PHYSICAL TRAINING	0	0	3	-	-	50**	-	0.0

Total credit - 22.5

Working hour/week - 36

****Non Credit mandatory course but compulsory to pass**

***** Common to CSE and ECE**

FOURTH YEAR EIGHTH SEMESTER

Sl. No.	Course No.	Subject	Hours/Week			Marks				Credit
			L	T	P	Theory	Sess.	Pract.	Total	
1.	CS 481/X	ELECTIVE ñ VII	3	0	0	70	30	-	100	3.0
2.	CS 482/X	ELECTIVE ñ VIII	3	0	0	70	30	-	100	3.0
3.	CS 483/X	ELECTIVE-IX	3	0	0	70	30	-	100	3.0
		SUB-TOTAL							300	9.0
		PRACTICAL/DESIGN								
4.	CS 484P	PROJECT	0	0	18	-	200	200	400	9.0
5.	CS 485P	SEMINAR-II	0	0	3		15	35	50	1.5
		SUB-TOTAL							450	10.5
		TOTAL	9	0	21				750	19.5
6.	NC 481	SOFT SKILL-II	0	0	3	-	-	50**	-	0.0
7.	NC 482	PLACEMENT/ PHYSICAL TRAINING	3	0	0	-	50**	-	-	0.0

Total credit - 19.5

Working hour/week - 36

****Non Credit mandatory course but compulsory to pass**