



Estd:1980

## SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS)

(Affiliated to JNTUK, Kakinada), (Recognized by AICTE, New Delhi)

Accredited by NAAC with 'A' Grade, UG Programmes CE,CSE,ECE,EEE,IT &ME are Accredited by NBA  
CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204

Regulation: R20				II / IV - B.Tech. I - Semester						
COMPUTER SCIENCE AND DESIGN										
SCHEME OF INSTRUCTION & EXAMINATION (With effect from 2021-22 admitted batch onwards)										
S.NO	Course Code	Course Name	Category	Cr	L	T	P	Int. Marks	Ext. Marks	Total Marks
1		NUMERICAL METHODS & VECTOR CALCULUS	BS	3	3	0	0	30	70	100
2		MATHEMATICAL FOUNDATIONS FOR COMPUTER SCIENCE	BS	3	3	0	0	30	70	100
3		OBJECT ORIENTED PROGRAMMING THROUGH JAVA	PC	3	3	0	0	30	70	100
4		MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTANCY (MEFA)	HS	3	3	0	0	30	70	100
5		DATABASE MANAGEMENT SYSTEMS	PC	3	3	0	0	30	70	100
6		OBJECT ORIENTED PROGRAMMING THROUGH JAVA LAB	PC	1.5	0	0	3	15	35	50
7		DATABASE MANAGEMENT SYSTEMS LAB	PC	1.5	0	0	3	15	35	50
8		FULL STACK WEB APPLICATION LAB	PC	1.5	0	0	3	15	35	50
9		SKILLS ORIENTED COURSE-I (GAME DEVELOPMENT LAB)	SO	2	1	0	2	15	35	50
10		ENGLISH PROFICIENCY	MC	0	2	0	0	--	--	--
	TOTAL			21.5	18	0	11	210	490	700

Regulation: R20				II / IV - B.Tech. II - Semester						
COMPUTER SCIENCE AND DESIGN										
SCHEME OF INSTRUCTION & EXAMINATION (With effect from 2021-22 admitted batch onwards)										
S.NO	Course Code	Course Name	Category	Cr	L	T	P	Int. Marks	Ext. Marks	Total Marks
1.		DATA SCIENCE AND STATISTICAL METHODS (DS &SM)	BS	3	3	0	0	30	70	100
2.		COMPUTER ORGANIZATION	ES	3	3	0	0	30	70	100
3.		DESIGN AND ANALYSIS OF ALGORITHMS	PC	3	3	0	0	30	70	100
4.		OPERATING SYSTEMS	PC	3	3	0	0	30	70	100
5.		COMPUTER GRAPHICS	HS	3	3	0	3	30	70	100
6.		OPERATING SYSTEM LAB	PC	1.5	0	0	3	15	35	50
7.		STATISTICAL METHODS WITH R LAB	BS	1.5	0	0	3	15	35	50
8.		MOBILE APP DEVELOPMENT LAB	ES	1.5	0	0	3	15	35	50
9.		SKILL ORIENTED COURSE-II(MULTIMEDIA & GRAPHIC DESIGN LAB)	SO	2	1	0	2	15	35	50
10.		ENVIRONMENTAL SCIENCE	MC	0	2	0	0	—	—	—
	TOTAL			21.5	16	0	11	210	490	700