Computer Science & Technology

PROPOSED CURRICULAR STRUCTURE FOR PART – 2 (2ND YEAR) OF THE FULL- TIME DIPLOMA COURSE IN ENGINEERING AND TECHNOLOGY

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES

COURSE NAME: COMPUTER SCIENCE AND TECHNOLOGY

SEMESTER: THIRD

BRANCH CODE: CST

SR. NO.	SUBJECT	CREDITS	PRIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Discrete Mathematics	3	3			10	20	30	70		100
2	C Programming	3+2	3		3	10	20	30	70	50	150
3	Digital Electronics	3+1	3		2	10	20	30	70	50	150
4	Data Structure	3+2	3		3	10	20	30	70	100	200
5	Computer Organization & Architecture	3	3			10	20	30	70		100
6	Electronic Devices& Circuits	3+1	3		2	10	20	30	70	50	150
7	Professional Practice-I (PC Maintenance)	2			3					50	50
Total		26	18		13	60	120	180	420	300	900

STUDENT CONTACT HOURS PER WEEK: 31 HRS.
Theory and Practical Periods of 60 minutes each.
L-Lecture, TU-Tutorials, PR-Practical, TA-Teachers Assessment, CT-Class Test, ESE-End Semester Examination.

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES

COURSE NAME: COMPUTER SCIENCE AND TECHNOLOGY

SEMESTER: FOURTH

BRANCH CODE: CST

SR. NO.	SUBJECT	CREDITS	PRIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Microprocessor & Programming	3+1	3		2	10	20	30	70	50	150
2	Computer Network	3+1	3		2	10	20	30	70	50	150
3	Relational Data Base Management Systems	3+1	3		3	10	20	30	70	100	200
4	Object Oriented Programming	3+1	3		2	10	20	30	70	50	150
5	Computer Graphics	3+1	3		2	10	20	30	70	50	150
6	Development of Life Skills-II	1+1	1		2					50	50
7	Professional Practice-II (Web Page Development)	2			2					50	50
Total		24	16		15	50	100	150	350	400	900

STUDENT CONTACT HOURS PER WEEK: 31 HRS.
Theory and Practical Periods of 60 minutes each.
L-Lecture, TU-Tutorials, PR-Practical, TA-Teachers Assessment, CT-Class Test, ESE-End Semester Examination.

PROPOSED CURRICULAR STRUCTURE FOR PART – 3 (3rd YEAR) OF THE FULL- TIME DIPLOMA COURSE IN ENGINEERING AND TECHNOLOGY

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES

COURSE NAME: COMPUTER SCIENCE AND TECHNOLOGY

SEMESTER: FIFTH

BRANCH: CST

SR. NO.	SUBJECT	CREDITS	PRIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Software Engineering	3	3			10	20	30	70		100
2	Java Programming	3+2	3		4	10	20	30	70	100	200
3	Operating System	3+1	3		2	10	20	30	70	50	150
4	Theory of Computation	3	3			10	20	30	70		100
5	ELECTIVE- I (Any One)										
	Network Management and Administration	3+2	3		3	10	20	30	70	50	150
	Multimedia and Animation Technique	3+2	3		3	10	20	30	70	50	150
	Advanced Microprocessor Technology	3+2	3		3	10	20	30	70	50	150
6	Project (Phase-I)				4						
7	Professional Practice-III (Visual Basic)	2			3					50	50
Total		22	15		16	50	100	150	350	250	750

STUDENT CONTACT HOURS PER WEEK: 31 HRS.
Theory and Practical Periods of 60 minutes each.
L-Lecture, TU-Tutorials, PR-Practical, TA-Teachers Assessment, CT-Class Test, ESE-End Semester Examination.

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES

COURSE NAME: COMPUTER SCIENCE AND TECHNOLOGY

SEMESTER: SIXTH

BRANCH: CST

SR. NO.	SUBJECT	CREDITS	PRIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Management	3	3			10	20	30	70		100
2	Advanced Java Programming	3+2	3		4	10	20	30	70	100	200
3	System Programming & Compiler Design	3+1	3		2	10	20	30	70	50	150
4	ELECTIVE – II (Any One)										
	Numerical Methods	3+2	3		4	10	20	30	70	50	150
	Advanced Web Technology	3+2	3		4	10	20	30	70	50	150
	Digital Image Processing	3+2	3		4						
5	Project (Phase-II)	6			6					100	100
6	Professional Practice-IV(Seminar Work)	2			3					50	50
7	General Viva Voce	3								100	100
Total		28	12		19	40	80	120	280	450	850

STUDENT CONTACT HOURS PER WEEK: 31 HRS.
Theory and Practical Periods of 60 minutes each.
L-Lecture, TU-Tutorials, PR-Practical, TA-Teachers Assessment, CT-Class Test, ESE-End Semester Examination.