Computer Software Technology

PROPOSED CURRICULAR STRUCTURE FOR

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

COURSE NAME: COMPUTER SOFTWARE TECHNOLOGY

SEMESTER: THIRD

BRANCH CODE: CSWT

SR. NO.	SUBJECT	CREDITS	PERIODS			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	1	3	10	20	30	70	100	200
3	Digital Techniques	3+2	3		3	10	20	30	70	100	200
4	System Programming	3	3			10	20	30	70		100
5	Electronics Device & Circuits	3+1	3		2	10	20	30	70	50	150
6	Management Information System& ERP	3	3			10	20	30	70		100
7	Professional Practice-I (*PC Maintenance)	2			3					50	50
Total		25	18	1	11	60	120	180	420	300	900

STUDENT CONTACT HOURS PER WEEK: 30 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.
*LAN configuration will be included in PC Maintenance

COURSE NAME: COMPUTER SOFTWARE TECHNOLOGY

SEMESTER: FOURTH

BRANCH CODE: CSWT

SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Microprocessor &Microcontroller	3+1	3		2	10	20	30	70	50	150
2	Data Structure	3+2	3		3	10	20	30	70	100	200
3	Computer Organization & Architecture	3	3			10	20	30	70		100
4	Operating System	3+2	3		3	10	20	30	70	100	200
5	Communication Technique	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 (Visual Basic)	2			3					50	50
Total		25	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

COURSE NAME: COMPUTER SOFTWARE TECHNOLOGY

SEMESTER: FIFTH

BRANCH: CSWT

SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Software Engineering	4	4			10	20	30	70		100
2	Object Oriented Programming using Java	3+2	3		3	10	20	30	70	100	200
3	Computer Network	4	4			10	20	30	70		100
4	Relational Database Management System	3+2	3		3	10	20	30	70	100	200
5	ELECTIVE- I (Any One)										
	Windows Programming	3+2	3		3	10	20	30	70	50	150
	Network Management and Administration	3+2	3		3	10	20	30	70	50	150
	Unix Administration	3+2	3		3	10	20	30	70	50	150
6	Project (Phase-I)				3						
7	Professional Practice-III (Webpage Development)	2			3					50	50
Total		25	17		15	50	100	150	350	300	800

STUDENT CONTACT HOURS PER WEEK: 32 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.

COURSE NAME: COMPUTER SOFTWARE TECHNOLOGY

SEMESTER: SIXTH

BRANCH: CSWT

SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME					
			L	T U	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARK
						TA	CT	Total			
1	Industrial Management	3	3			10	20	30	70		100
2	Theory Of Computation	3	3	1		10	20	30	70		100
3	Software Testing	3+2	3		3	10	20	30	70	50	150
4	ELECTIVE – II (Any One)										
	Compiler Design	3	3			10	20	30	70		100
	Operation Research Methods	3	3			10	20	30	70		100
	Numerical Methods	3	3			10	20	30	70		100
	Image Processing	3	3			10	20	30	70		100
5	Project (Phase-II)	6			6					200	200
6	Professional Practice-IV(Advanced Web Technology)	2			4					50	50
7	Seminar Work	1			2					50	50
8	General Viva Voce	2								50	50
Total		25	12	1	15	40	80	120	280	400	800

STUDENT CONTACT HOURS PER WEEK: 28 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.