

PROPOSED CURRICULAR STRUCTURE FOR PART – 2 (2ND YEAR) OF THE FULL- TIME DIPLOMA COURSE IN INFORMATION TECHNOLOGY											
WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
SEMISTER:THIRD			BRANCH:IT								
SL.No.	SUBJECT	CREDITS	PERIODS			Evaluation Scheme					
			L	TU	PR	INTERNAL			ESE	PR	TOTAL MARKS
						TA	CT	Total			
1	Discrete Mathematics	3	3			10	20	30	70		100
2	C Programming	3+2	3		4	10	20	30	70	100	200
3	Digital Techniques	3+1	3		2	10	20	30	70	50	150
4	Data Structure	3+2	3		3	10	20	30	70	50	150
5	Computer System and Architecture	3	3			10	20	30	70		100
6	Electronics Device & Circuits	3+1	3		2	10	20	30	70	50	150
7	Professional Practice-I (PC Maintenance)	1			2					50	50
Total			25	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.											

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WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
SEMISTER:FORTH			BRANCH:IT								
SL.No.	SUBJECT	CREDITS	PERIODS			Evaluation Scheme					
			L	TU	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARKS
						TA	CT	Total			
1	Microprocessor & It's 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 System	3+2	3		3	10	20	30	70	100	200
4	*Object Oriented Programming using C++	3+3	3		4	10	20	30	70	100	200
5	Management Infotmation System	3	3			10	20	30	70		100
6	Development of Life Skills-II	1+1	1		2					50	50
7	Professional Practice-II (Web Technology)	1			2					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.											
* Visual Basic will be included within the Practical Class of Object Oriented Programming along with C++											

PROPOSED CURRICULAR STRUCTURE FOR PART – 3 (3RD YEAR) OF THE FULL- TIME DIPLOMA COURSE IN INFORMATION TECHNOLOGY											
WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
SEMISTER:FIFTH						BRANCH:IT					
SL.No.	SUBJECT	CREDITS	PERIODS			Evaluation Scheme					
			L	TU	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARKS
						TA	CT	Total			
1	Software Engineering	3	3			10	20	30	70		100
2	Java Programming	3+2	3		3	10	20	30	70	100	200
3	Operating System	3+1	3		2	10	20	30	70	50	150
4	Principle of Communication	3+1	3		2	10	20	30	70	50	150
5	ELECTIVE- I (Any One)										
	Multimedia and Animation Technique	3+1	3		2	10	20	30	70	50	150
	Windows Programming	3+1	3		2	10	20	30	70	50	150
	Network Management and Administration	3+1	3		2	10	20	30	70	50	150
6	Project (Phase-I)				4						
7	Professional Practice-III (Advance Web Technology)	2			3					50	50
Total		22	15		16	50	100	150	350	300	800
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 INFORMATION TECHNOLOGY											
WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
SEMISTER:SIXTH						BRANCH:IT					
SL.No.	SUBJECT	CREDITS	PERIODS			Evaluation Scheme					
			L	TU	PR	INTERNAL SCHEME			ESE	PR	TOTAL MARKS
						TA	CT	Total			
1	Industrial Management	3	3			10	20	30	70		100
2	Advanced Java Programming	3+2	3		4	10	20	30	70	100	200
3	Systems Programming	3+2	3		3	10	20	30	70	50	150
4	ELECTIVE – II (Any One)										
	Digital Image Processing	3+1	3		3	10	20	30	70	50	150
	Numerical Methods	3+1	3		3	10	20	30	70	50	150
	Software Testing	3+1	3		3	10	20	30	70	50	150
5	Project (Phase-II)	6			6					100	100
6	Professional Practice-IV(Seminar Work)	2			3					50	50
7	General Viva Voce	3								50	50
Total		28	12		19	40	80	120	280	400	800
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.											