CURRICULAR STRUCTURE FOR PART – I FIRST SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN COMPUTER SOFTWARE TECHNOLOGY

SL. NO.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS	
					INTERNAL		EXTERNAL			
		THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE	TH.	SES.
1.	CSWT / 1 / T1 / CSS	COMMUNICATION SKILLS (STUDIES)	2 (L) + 1 (T)	—	10	2.5	—	50	50	—
2.	CSWT / 1 / T2 / PHY1	PHYSICS – I	3	—	10	2.5	—	50	50	—
3.	CSWT / 1 / T3 / CHM1	CHEMISTRY – I	2 (L) + 1 (T)	—	10	2.5	—	50	50	—
4.	CSWT / 1 / T4 / MTH1	MATHEMATICS – I	5	—	20	5	30	70	100	—
5.	CSWT / 1 / T5 / EMK	ENGINEERING MECHANICS	4	—	20	5	30	70	100	—
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.
6.	CSWT / 1 & 2 / S1 / LPHY	PHYSICS LAB – I	—	3	12.5		—		—	—
7.	CSWT / 1 & 2 / S2 / LCHM	CHEMISTRY LAB – I	—	3	12.5		—		—	—
8.	CSWT / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) – I	—	6	50		—		—	—
9.	CSWT / 1 & 2 / S4 / SWP	WORKSHOP PRACTICE – I	—	6	50		—		—	—
		T O T A L	16 (L) + 2 (T)	18	—		—		350	—

CURRICULAR STRUCTURE FOR PART – I SECOND SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN COMPUTER SOFTWARE TECHNOLOGY

SL. NO.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS	
					INTERNAL		EXTERNAL			
		THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE	TH.	SES.
1.	CSWT / 2 / T1 / BEA	BUSINESS ECONOMICS & ACCOUNTANCY	4	—	20	5	30	70	100	—
2.	CSWT / 2 / T2 / PHY2	PHYSICS – II	2	—	10	2.5	—	50	50	—
3.	CSWT / 2 / T3 / CHM2	CHEMISTRY – II	2	—	10	2.5	—	50	50	—
4.	CSWT / 2 / T4 / MTH2	MATHEMATICS – II	3	—	20	5	30	70	100	—
5.	CSWT / 2 / T5 / CA	COMPUTER APPLICATIONS	3	—	10	2.5	—	50	50	—
6.	CSWT / 2 / T6 / SOM	STRENGTH OF MATERIALS	3	—	20	5	30	70	100	—
7.	CSWT / 2 / T7 / ETK	ELECTRICAL TECHNOLOGY	2	—	10	2.5	—	50	50	—
8.	CSWT / 2 / T8 / ED	ENGINEERING DRAWING (4 HR. EXAM.)	—	—	20	5	30	70	100	—
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.
9.	CSWT / 1 & 2 / S1 / LPHY	PHYSICS LAB – II	—	2	12.5		25		—	50
10.	CSWT / 1 & 2 / S2 / LCHM	CHEMISTRY LAB – II	—	2	12.5		25		—	50
11.	CSWT / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) – II	—	6	50		100		—	200
12.	CSWT / 1 & 2 / S4 / SWP	WORKSHOP PRACTICE – II	—	6	50		100		—	200
13.	CSWT / 2 / S5 / LCA	COMPUTER APPLICATIONS LAB	—	3	50		50		—	100
14.	CSWT / 2 / S6 / LETK	ELECTRICAL TECHNOLOGY LAB	—	2	25		25		—	50
		T O T A L	19	21	—		—		600	650

q   Each of Part I – 1st & 2nd semester is of 17 weeks duration of which 15 weeks are scheduled as contact weeks and 2 weeks are scheduled for holding two Centralised Internal Assessments.

q   Part I – 1st & 2nd semester consists of 36 & 40 contact periods per week respectively, and, 8 & 4 periods per week respectively are allocated for Student Centred Activities like Library, Guided Studies etc.

q   Marks distribution in Part – I : Theoretical – 950, Sessional – 650; Total – 1600.

CURRICULAR STRUCTURE FOR PART – II FIRST SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN COMPUTER SOFTWARE TECHNOLOGY

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL				
		THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE	TH.	SES.	
1.	CSWT / 3 / T1 / ENVE	ENVIRONMENTAL ENGINEERING	3	—	20	5	30	70	100	—	7
2.	CSWT / 3 / T2 / DMTH	DISCRETE MATHEMATICS	4	—	20	5	30	70	100	—	9
3.	CSWT / 3 / T3 / C	PROGRAMMING IN C	3	—	20	5	30	70	100	—	10
4.	CSWT / 3 / T4 / BET	BASIC ELECTRONICS	3	—	20	5	30	70	100	—	12
5.	CSWT / 3 / T5 / DLD	DIGITAL LOGIC DESIGN	4	—	20	5	30	70	100	—	14
6.	CSWT / 3 / T6 / CORG	COMPUTER ORGANISATION	4	—	20	5	30	70	100	—	15
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
7.	CSWT / 3 / S1 / PCUL	PC UTILITY LAB	—	4	50		50		—	100	17
8.	CSWT / 3 / S2 / LC	PROGRAMMING IN C LAB	—	3	50		50		—	100	17
9.	CSWT / 3 / S3 / LBET	BASIC ELECTRONICS LAB	—	3	50		50		—	100	18
10.	CSWT / 3 / S4 / LDLD	DIGITAL LOGIC DESIGN LAB	—	4	50		50		—	100	19
11.	CSWT / 3 / S5 / BALC	BUSINESS APPLICATION LAB	—	4	50		50		—	100	20
		T O T A L	21	18	—		—		600	500	—

CURRICULAR STRUCTURE FOR PART – II SECOND SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN COMPUTER SOFTWARE TECHNOLOGY

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL				
		THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE	TH.	SES.	
1.	CSWT / 4 / T1 / CSJ	COMMUNICATION SKILLS (JOB)	2	—	10	2.5	—	50	50	—	22
2.	CSWT / 4 / T2 / DSC	DATA STRUCTURE	4	—	20	5	30	70	100	—	23
3.	CSWT / 4 / T3 / MPI	MICROPROCESSOR & ITS INTERFACING	4	—	20	5	30	70	100	—	24
4.	CSWT / 4 / T4 / OOP	OBJECT ORIENTED PROGRAMMING METHODOLOGY	4	—	20	5	30	70	100	—	25
5.	CSWT / 4 / T5 / EDC	ELECTRONICS DEVICE & CIRCUIT	3	—	20	5	30	70	100	—	26
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
6.	CSWT / 4 / S1 / LCSJ	COMMUNICATION SKILLS (JOB) LAB	—	2	25		25		—	50	28
7.	CSWT / 4 / S2 / LDSC	DATA STRUCTURE LAB IN C	—	5	50		50		—	100	29
8.	CSWT / 4 / S3 / LMPI	MICROPROCESSOR LAB	—	5	50		50		—	100	30
9.	CSWT / 4 / S4 / LOOP	OBJECT ORIENTED PROGRAMMING LAB	—	5	50		50		—	100	31
10.	CSWT / 4 / S5 / LEDC	ELECTRONICS DEVICE & CIRCUIT LAB	—	5	50		50		—	100	32
		T O T A L	17	22	—		—		450	450	—

q   Each of Part II – 1st & 2nd semester is of 17 weeks duration of which 15 weeks are scheduled as contact weeks and 2 weeks are scheduled for holding two Centralised Internal Assessments.

q   Each of Part II – 1st & 2nd semester consists of 39 contact periods per week and 5 periods per week are allocated for Student Centred Activities like Library, Guided Studies etc.

q   Marks distribution in Part – II : Theoretical – 1050, Sessional – 950; Total – 2000.

CURRICULAR STRUCTURE FOR PART – III FIRST SEMESTER OF THE FULL-TIME DIPLOMA COURSE IN COMPUTER SOFTWARE TECHNOLOGY

SL. NO.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE NO.
					INTERNAL		EXTERNAL				
		THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE	TH.	SES.	
1.	CSWT / 5 / T1 / IMNT	INDUSTRIAL MANAGEMENT	3	—	20	5	30	70	100	—	35
2.	CSWT / 5 / T2 / NUMT	NUMERICAL METHODS	4	—	20	5	30	70	100	—	36
3.	CSWT / 5 / T3 / COGR	COMPUTER GRAPHICS	3	—	20	5	30	70	100	—	37
4.	CSWT / 5 / T4 / OS	OPERATING SYSTEMS	4	—	20	5	30	70	100	—	39
5.	CSWT / 5 / T5 / DM	DATABASE MANAGEMENT SYSTEM	4	—	20	5	30	70	100	—	40
6.	CSWT / 5 / T6 / AMTY	AUTOMATA THEORY	3	—	20	5	30	70	100	—	42
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
7.	CSWT / 5 / S1 / ASWL	ADVANCED SOFTWARE LAB	—	5	50		50		—	100	43
8.	CSWT / 5 / S2 / LOS	OPERATING SYSTEMS LAB	—	4	50		—		—	100	45
9.	CSWT / 5 / S3 / LDM	DATABASE MANAGEMENT SYSTEM LAB	—	4	50		—		—	100	47
10.	CSWT / 5 & 6 / S4 / CSPW	CSWT PROJECT WORK (GROUP – A)	—	5	50		—		—	—	60
		T O T A L	**21**	**18**	—		—		**600**	**300**	—

CURRICULAR STRUCTURE FOR PART – III SECOND SEMESTER OF THE FULL-TIME DIPLOMA COURSE IN COMPUTER SOFTWARE TECHNOLOGY

SL. NO.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE NO.
					INTERNAL		EXTERNAL				
		THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE	TH.	SES.	
1.	CSWT / 6 / T1 / CONW	COMPUTER NETWORKS	4	—	20	5	30	70	100	—	48
2.	CSWT / 6 / T2 / SYPR	SYSTEM PROGRAMMING	4	—	20	5	30	70	100	—	49
3.	CSWT / 6 / T3 / SWEN	SOFTWARE ENGINEERING	4	—	20	5	30	70	100	—	51
4.	CSWT / 6 / *T4 / MMT	MULTIMEDIA TECHNOLOGY	3	—	20	5	30	70	100	—	56
5.	CSWT / 6 / *T5 / OR	OPERATIONS RESEARCH									59
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
6.	CSWT / 6 / S1 / LADM	ADVANCED DATABASE MANAGEMENT SYSTEM LAB	—	4	50		50		—	100	52
7.	CSWT / 6 / S2 / PMNL	PC MAINTENANCE & NETWORKING LAB	—	5	50		50		—	100	54
8.	CSWT / 6 / S3 / WTL	WEB TECHNOLOGY LAB	—	5	50		50		—	100	55
9.	CSWT / 5 & 6 / S4 / CSPW	CSWT PROJECT WORK (GROUP – B)	—	5	50		100		—	200	60
10.	CSWT / 6 / S5 / SMNR	SEMINAR ON CSWT PROJECT WORK	—	1	25		25		—	50	60
11.	CSWT / 6 / *S6 / LMMT	MULTIMEDIA TECHNOLOGY LAB	—	4	25		25		—	50	57
12.	CSWT / 6 / *S7 / LOR	OPERATIONS RESEARCH LAB									60
13.	CSWT / 6 / S8 / GVV	GENERAL VIVA VOCE	—	—	50		50		—	100	62
		T O T A L	**15**	**24**	—		—		**400**	**700**	—

q * Each student is required to opt for **any one of the following two elective papers** offered:
   (a) ARTIFICIAL INTELLIGENCE (AI, LAI); and, (b) OPERATIONS RESEARCH (OR, LOR).
q Each of Part III – 1st & 2nd semester is of 17 weeks duration of which 15 weeks are scheduled as contact weeks and 2 weeks are scheduled for holding two Centralised Internal Assessments.
q Each of Part III – 1st & 2nd semester consists of 39 contact periods per week and 5 periods per week are allocated for Student Centred Activities like Library, Guided Studies etc.
q Marks distribution in Part – III : Theoretical –1000, Sessional – 1000; Total – 2000.