

CURRICULAR STRUCTURE FOR PART – I FIRST SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN DIPLOMA IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK			EXAMINATION SCHEME				FULL MARKS	
						INTERNAL		EXTERNAL		TH.	SES.
						ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE		
		THEORETICAL PAPERS	LECTURE	TUTORIAL	SESSIONAL						
1.	ETCE / 1 / T1 / CSS	COMMUNICATION SKILLS (STUDIES)	2	1	—	10	2.5	—	50	50	—
2.	ETCE / 1 / T2 / PHY1	PHYSICS – I	3	—	—	10	2.5	15	35	50	—
3.	ETCE / 1 / T3 / CHM1	CHEMISTRY – I	2	1	—	10	2.5	15	35	50	—
4.	ETCE / 1 / T4 / MTHS	MATHEMATICS	5	—	—	20	5	30	70	100	—
5.	ETCE / 1 / T5 / EMK	ENGINEERING MECHANICS	4	—	—	20	5	30	70	100	—
		SESSIONAL PAPERS	LECTURE	TUTORIAL	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.
6.	ETCE / 1 & 2 / S1 / LPHY	PHYSICS LAB (GROUP – A)	—	—	3	12.5		—		—	—
7.	ETCE / 1 & 2 / S2 / LCHM	CHEMISTRY LAB (GROUP – A)	—	—	3	12.5		—		—	—
8.	ETCE / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) (GROUP – A)	—	—	6	50		—		—	—
9.	ETCE / 1 & 2 / S4 / WSPR	WORKSHOP PRACTICE	—	—	6	50		—		—	—
TOTAL			16	2	18	—		—		350	—

CURRICULAR STRUCTURE FOR PART – I SECOND SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK			EXAMINATION SCHEME				FULL MARKS	
						INTERNAL		EXTERNAL		TH.	SES.
						ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE		
		THEORETICAL PAPERS	LECTURE	TUTORIAL	SESSIONAL						
1.	ETCE / 2 / T1 / BEA	BUSINESS ECONOMICS & ACCOUNTANCY	4	—	—	20	5	30	70	100	—
2.	ETCE / 2 / T2 / PHY2	PHYSICS – II	2	—	—	10	2.5	15	35	50	—
3.	ETCE / 2 / T3 / CHM2	CHEMISTRY – II	2	—	—	10	2.5	15	35	50	—
4.	ETCE / 2 / T4 / CA	COMPUTER APPLICATIONS	3	—	—	10	2.5	15	35	50	—
5.	ETCE / 2 / T5 / EMTH	ENGINEERING MATHEMATICS	3	—	—	20	5	30	70	100	—
6.	ETCE / 2 / T6 / SOM	STRENGTH OF MATERIALS	3	—	—	20	5	30	70	100	—
7.	ETCE / 2 / T7 / ETK	ELECTRICAL TECHNOLOGY	2	—	—	10	2.5	15	35	50	—
8.	ETCE / 2 / T8 / ED	ENGINEERING DRAWING (4 HR. EXAM.)	—	—	—	20	5	30	70	100	—
		SESSIONAL PAPERS	LECTURE	TUTORIAL	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.
9.	ETCE / 1 & 2 / S1 / LPHY	PHYSICS LAB (GROUP – B)	—	—	2	12.5		25		—	50
10.	ETCE / 1 & 2 / S2 / LCHM	CHEMISTRY LAB (GROUP – B)	—	—	2	12.5		25		—	50
11.	ETCE / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) (GROUP – B)	—	—	6	50		100		—	200
12.	ETCE / 1 & 2 / S4 / WSPR	WORKSHOP PRACTICE	—	—	6	50		100		—	200
13.	ETCE / 2 / S5 / LCA	COMPUTER APPLICATIONS LAB	—	—	3	50		50		—	100
14.	ETCE / 2 / S6 / LETK	ELECTRICAL TECHNOLOGY LAB	—	—	2	25		25		—	50
TOTAL			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 IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS PER WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL		TH.	SES.	
					ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE			
1.	ETCE / 3 / T1 / ENVE	ENVIRONMENTAL ENGINEERING	3	—	20	5	30	70	100	—	7
2.	ETCE / 3 / T2 / CPG	C PROGRAMMING	4	—	20	5	30	70	100	—	9
3.	ETCE / 3 / T3 / EE	ELECTRICAL ENGINEERING	3	—	20	5	30	70	100	—	11
4.	ETCE / 3 / T4 / NWA	NETWORK ANALYSIS	4	—	20	5	30	70	100	—	13
5.	ETCE / 3 / T5 / AE1	ANALOG ELECTRONICS – I	3	—	20	5	30	70	100	—	14
6.	ETCE / 3 / T6 / DE	DIGITAL ELECTRONICS	4	—	20	5	30	70	100	—	16
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
7.	ETCE / 3 / S1 / LCPG	C PROGRAMMING LAB	—	4	50		50		—	100	18
8.	ETCE / 3 / S2 / LEE	ELECTRICAL ENGINEERING LAB	—	3	50		50		—	100	19
9.	ETCE / 3 / S3 / LNWA	NETWORK ANALYSIS LAB	—	4	50		50		—	100	19
10.	ETCE / 3 / S4 / LAE1	ANALOG ELECTRONICS LAB – I	—	3	50		50		—	100	20
11.	ETCE / 3 / S5 / LDE	DIGITAL ELECTRONICS LAB	—	4	50		50		—	100	21
TOTAL			21	18	—		—		600	500	—

CURRICULAR STRUCTURE FOR PART – II SECOND SEMESTER OF THE
FULL-TIME DIPLOMA IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL		TH.	SES.	
					ASSESSMENT	ATTENDANCE	OBJECTIVE	SUBJECTIVE			
1.	ETCE / 4 / T1 / CSJ	COMMUNICATION SKILLS (JOB)	2	—	10	2.5	—	50	50	—	22
2.	ETCE / 4 / T2 / CE1	COMMUNICATION ENGINEERING – I	5	—	20	5	30	70	100	—	23
3.	ETCE / 4 / T3 / AE2	ANALOG ELECTRONICS – II	5	—	20	5	30	70	100	—	25
4.	ETCE / 4 / T4 / CNE	CONSUMER ELECTRONICS	5	—	20	5	30	70	100	—	27
5.	ETCE / 4 / T5 / MP1	MICROPROCESSOR – I	4	—	20	5	30	70	100	—	28
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
6.	ETCE / 4 / S1 / LCSJ	COMMUNICATION SKILLS (JOB) LAB	—	2	25		25		—	50	31
7.	ETCE / 4 / S2 / LCE1	COMMUNICATION ENGINEERING LAB – I	—	4	50		50		—	100	32
8.	ETCE / 4 / S3 / LAE2	ANALOG ELECTRONICS LAB – II	—	4	50		50		—	100	32
9.	ETCE / 4 / S4 / LCNE	CONSUMER ELECTRONICS LAB	—	4	50		50		—	100	33
10.	ETCE / 4 / S5 / LMP1	MICROPROCESSOR LAB – I	—	4	50		50		—	100	34
TOTAL			21	18	—		—		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 Studies, Guidance & Counselling 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 IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS PER WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL		Th.	SES.	
					THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT			
1.	ETCE / 5 / T1 / IMNT	INDUSTRIAL MANAGEMENT	3	—	20	5	30	70	100	—	37
2.	ETCE / 5 / T2 / EMN	ELECTRONIC MEASUREMENT	4	—	20	5	30	70	100	—	38
3.	ETCE / 5 / T3 / CE2	COMMUNICATION ENGINEERING – II	4	—	20	5	30	70	100	—	40
4.	ETCE / 5 / T4 / IE1	INDUSTRIAL ELECTRONICS – I	3	—	20	5	30	70	100	—	42
5.	ETCE / 5 / T5 / MP2	MICROPROCESSOR – II	4	—	20	5	30	70	100	—	43
6.	ETCE / 5 / *T6 / CN1	COMPUTER NETWORK – I	—	—	—	—	—	—	—	—	54
7.	ETCE / 5 / *T7 / ME1	MEDICAL ELECTRONICS – I	3	—	20	5	30	70	100	—	56
8.	ETCE / 5 / *T8 / PHM1	PC HARDWARE MAINTENANCE – I	—	—	—	—	—	—	—	—	59
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		Th.	SES.	—
9.	ETCE / 5 / S1 / LCE2	COMMUNICATION ENGINEERING LAB – II	—	4	50		50		—	100	45
10.	ETCE / 5 / S2 / LIE1	INDUSTRIAL ELECTRONICS LAB – I	—	4	50		50		—	100	46
11.	ETCE / 5 / S3 / LMP2	MICROPROCESSOR LAB – II	—	4	50		50		—	100	46
12.	ETCE / 5 & 6 / S4 / ETPW	ETCE PROJECT WORK (GROUP – A)	—	6	50		—		—	—	62
TOTAL			21	18	—		—		600	300	—

CURRICULAR STRUCTURE FOR PART - III SECOND SEMESTER OF THE
FULL-TIME DIPLOMA IN ELECTRONICS & TELE-COMMUNICATION ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL		Th.	SES.	
					THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT			
1.	ETCE / 6 / T1 / CE3	COMMUNICATION ENGINEERING – III	4	—	20	5	30	70	100	—	47
2.	ETCE / 6 / T2 / IE2	INDUSTRIAL ELECTRONICS – II	4	—	20	5	30	70	100	—	48
3.	ETCE / 6 / T3 / INTC	INSTRUMENTATION & CONTROL	4	—	20	5	30	70	100	—	50
4.	ETCE / 6 / *T4 / CN2	COMPUTER NETWORK – II	—	—	—	—	—	—	—	—	55
5.	ETCE / 6 / *T5 / ME2	MEDICAL ELECTRONICS – II	2	—	10	2.5	15	35	50	—	57
6.	ETCE / 6 / *T6 / PHM2	PC HARDWARE MAINTENANCE – II	—	—	—	—	—	—	—	—	60
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		Th.	SES.	—
7.	ETCE / 6 / S1 / LEMN	ELECTRONIC MEASUREMENT LAB	—	4	50		50		—	100	52
8.	ETCE / 6 / S2 / LCE3	COMMUNICATION ENGINEERING LAB – III	—	4	50		50		—	100	52
9.	ETCE / 6 / S3 / LIE2	INDUSTRIAL ELECTRONICS LAB – II	—	4	50		50		—	100	53
10.	ETCE / 5 & 6 / S4 / ETPW	ETCE PROJECT WORK (GROUP – B)	—	6	50		100		—	200	62
11.	ETCE / 6 / S5 / SMNR	SEMINAR ON ETCE PROJECT WORK	—	1	25		25		—	50	62
12.	ETCE / 6 / *S6 / LCN	COMPUTER NETWORK LAB	—	—	—	—	—	—	—	—	56
13.	ETCE / 6 / *S7 / LME	MEDICAL ELECTRONICS LAB	—	6	50		50		—	100	58
14.	ETCE / 6 / *S8 / LPHM	PC HARDWARE MAINTENANCE LAB	—	—	—	—	—	—	—	—	61
15.	ETCE / 6 / S9 / GVV	FINAL VIVA-VOCE	—	—	50		50		—	100	64
TOTAL			14	25	—		—		350	750	—

q * Each student is required to opt for **any one of the following three elective papers** offered:

(a) **COMPUTER NETWORK** (CN1, CN2 & SCN); (b) **MEDICAL ELECTRONICS** (ME1, ME2 & SME); (c) **PC HARDWARE MAINTENANCE** (PHM1, PHM2 & SPHM).

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 – 950, Sessional – 1050; Total – 2000.