

CURRICULAR STRUCTURE FOR PART – I FIRST SEMESTER OF
FULL-TIME DIPLOMA COURSE IN CIVIL ENGINEERING

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

CURRICULAR STRUCTURE FOR PART – I SECOND SEMESTER OF
FULL-TIME DIPLOMA COURSE IN CIVIL ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK			EXAMINATION SCHEME				FULL MARKS	
						INTERNAL		EXTERNAL			
						THEORETICAL PAPERS	LECTURE	TUTORIAL	SESSIONAL	ASSESSMENT	ATTENDANCE
1.	CE / 2 / T1 / BEA	BUSINESS ECONOMICS & ACCOUNTANCY	4	—	—	20	5	30	70	100	—
2.	CE / 2 / T2 / PHY2	PHYSICS – II	2	—	—	10	2.5	15	35	50	—
3.	CE / 2 / T3 / CHM2	CHEMISTRY – II	2	—	—	10	2.5	15	35	50	—
4.	CE / 2 / T4 / CA	COMPUTER APPLICATIONS	3	—	—	10	2.5	15	35	50	—
5.	CE / 2 / T5 / EMTH	ENGINEERING MATHEMATICS	3	—	—	20	5	30	70	100	—
6.	CE / 2 / T6 / SOM	STRENGTH OF MATERIALS	3	—	—	20	5	30	70	100	—
7.	CE / 2 / T7 / ETK	ELECTRICAL TECHNOLOGY	2	—	—	10	2.5	15	35	50	—
8.	CE / 2 / T8 / ED	ENGINEERING DRAWING (4 HR. EXAM.)	—	—	—	20	5	30	70	100	—
SESSIONAL PAPERS			LECTURE	TUTORIAL	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.
9.	CE / 1 & 2 / S1 / LPHY	PHYSICS LAB (GROUP – B)	—	—	2	12.5		25		—	50
10.	CE / 1 & 2 / S2 / LCHM	CHEMISTRY LAB (GROUP – B)	—	—	2	12.5		25		—	50
11.	CE / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) (GROUP – B)	—	—	6	50		100		—	200
12.	CE / 1 & 2 / S4 / WSPR	WORKSHOP PRACTICE	—	—	6	50		100		—	200
13.	CE / 2 / S5 / LCA	COMPUTER APPLICATIONS LAB	—	—	3	50		50		—	100
14.	CE / 2 / S6 / LETK	ELECTRICAL TECHNOLOGY LAB	—	—	2	25		25		—	50
TOTAL			17	—	23	—		—		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
FULL-TIME DIPLOMA COURSE IN CIVIL 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.	CE / 3 / T1 / ENVE	ENVIRONMENTAL ENGINEERING	3	—	20	5	30	70	100	—	7
2.	CE / 3 / T2 / BET	BASIC ELECTRONICS	3	—	20	5	30	70	100	—	9
3.	CE / 3 / T3 / BMC	BUILDING MATERIALS & CONSTRUCTION	5	—	20	5	30	70	100	—	11
4.	CE / 3 / T4 / HHS	HYDRAULICS & HYDRAULIC STRUCTURE	5	—	20	5	30	70	100	—	14
5.	CE / 3 / T5 / FS1	FIELD SURVEYING – I	4	—	20	5	30	70	100	—	17
6.	CE / 3 / T6 / QS	QUANTITY SURVEYING	4	—	20	5	30	70	100	—	19
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		Th.	SES.	—
7.	CE/ 3 / S1 / CADD	COMPUTER AIDED DESIGN & DRAFTING	—	4	50		50		—	100	20
8.	CE/ 3 / S2 / SQS	QUANTITY SURVEYING (SESSIONAL)	—	3	50		50		—	100	22
9.	CE/ 3 / S3 / SCD1	CIVIL ENGINEERING DRAWING (S) – I (GROUP-A)	—	4	25		---		—	25	23
10.	CE/ 3 & 4 / S4 / CEL1	CIVIL ENGINEERING LAB – I (GROUP – A)	—	4	50		—		—	—	36
TOTAL			24	15	—		—		600	275	—

**CURRICULAR STRUCTURE FOR PART – II SECOND SEMESTER OF
FULL-TIME DIPLOMA COURSE IN CIVIL 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.	CE / 4 / T1 / CSJ	COMMUNICATION SKILLS (JOB)	2	—	10	2.5	—	50	50	—	24
2.	CE / 4 / T2 / IRE	IRRIGATION ENGINEERING	4	—	20	5	30	70	100	—	25
3.	CE / 4 / T3 / SMTS	STRENGTH OF MATERIALS & THEORY OF STRUCTURES	4	—	20	5	30	70	100	—	27
4.	CE / 4 / T4 / FS2	FIELD SURVEYING – II	4	—	20	5	30	70	100	—	29
5.	CE / 4 / T5 / WW1	WATER & WASTE WATER ENGINEERING – I	3	—	20	5	30	70	100	—	31
6.	CE / 4 / T6 / CCV	COSTING, CONTRACT & VALUATION	4	—	20	5	30	70	100	—	32
7.	CE/4/T7/CD	C.E.DRAWING-I (GROUP-A & B)	---	---	20	5	30	70	100	---	37
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		Th.	SES.	---
8.	CE / 4 / S1 / LCSJ	COMMUNICATION SKILLS (JOB) LAB	—	2	25		25		—	50	33
9.	CE / 4 / S2 / SFS1	FIELD SURVEYING PRACTICE – I	—	4	50		50		—	100	34
10.	CE / 4 / S3 / CRTL	CONCRETE & ROAD MATERIALS TESTING LAB	—	4	50		50		—	100	35
11.	CE / 3 & 4 / S4 / CEL1	CIVIL ENGINEERING LAB – I (GROUP – B)	—	4	25		75		—	100	36
12.	CE/4/S4/CD 2	C.E.DRAWING – II (GROUP-B)	---	4	50		75		---	125	37
TOTAL			21	18	—		—		650	475	—

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 – I I : Theoretical – 1250, Sessional – 750; Total – 2000.

CURRICULAR STRUCTURE FOR PART - III FIRST SEMESTER OF
FULL-TIME DIPLOMA COURSE IN CIVIL 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			
		THEORETICAL PAPERS	LECTURE	SESSIONAL							
1.	CE / 5 / T1 / IMNT	INDUSTRIAL MANAGEMENT	3	—	20	5	30	70	100	—	41
2.	CE / 5 / T2 / SMCH	SOIL MECHANICS	3	—	20	5	30	70	100	—	42
3.	CE / 5 / T3 / SDD1	STRUCTURAL DESIGN & DETAILING – I	4	—	20	5	30	70	100	—	43
4.	CE / 5 / T4 / TRE1	TRANSPORTATION ENGINEERING – I	3	—	20	5	30	70	100	—	45
5.	CE / 5 / T5 / WWWE2	WATER & WASTE WATER ENGINEERING – II	3	—	20	5	30	70	100	—	47
6.	CE / 5 / *T6 / ATE1	ADVANCED TRANSPORT ENGINEERING – I	3	—	20	5	30	70	100	—	56
7.	CE / 5 / *T7 / CT1	CONCRETE TECHNOLOGY – I									58
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
8.	CE/ 5 & 6 / S1 / SCD2	CIVIL ENGINEERING DRAWING (S) – II (GROUP – A)	—	6	50		—		—	—	54
9.	CE/ 5 & 6 / S2 / CEL2	CIVIL ENGINEERING LABORATORY – II (GROUP – A)	—	4	50		—		—	—	55
10.	CE/ 5 & 6 / S3 / CEPW	CIVIL ENGINEERING PROJECT WORK (GROUP – A)	—	6	50		—		—	—	61
11.	CE / S5 / LATE	ADV. TRPT. LAB	—	4	50		50		—	100	56
	CE/S5/LLT	CONC. TECH. LAB									
TOTAL			19	20	—		—		600	100	—

CURRICULAR STRUCTURE FOR PART - III SECOND SEMESTER OF
FULL-TIME DIPLOMA COURSE IN CIVIL 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			
		THEORETICAL PAPERS	LECTURE	SESSIONAL							
1.	CE / 6 / T1 / FDNE	FOUNDATION ENGINEERING	4	—	20	5	30	70	100	—	49
2.	CE / 6 / T2 / SDD2	STRUCTURAL DESIGN & DETAILING – II	4	—	20	5	30	70	100	—	51
3.	CE / 6 / T3 / TRE2	TRANSPORTATION ENGINEERING – II	4	—	20	5	30	70	100	—	52
4.	CE / 6 / *T4 / ATE2	ADVANCED TRANSPORT ENGINEERING – II	2	—	10	2.5	15	35	50	—	57
5.	CE / 6 / *T5 / CT2	CONCRETE TECHNOLOGY – II									57
6.	CE / 6 / T6 / CD2	CIVIL ENGINEERING DRAWING – II (4 HR. EXAM.)	—	—	20	5	30	70	100	—	54
		SESSIONAL PAPERS	LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
7.	CE/ 5 & 6 / S1 / SCD2	CIVIL ENGINEERING DRAWING (S) – II (GROUP – B)	—	6	50		100		—	200	54
8.	CE/ 5 & 6 / S2 / CEL2	CIVIL ENGINEERING LABORATORY – II (GROUP – B)	—	6	50		100		—	200	55
9.	CE/ 5 & 6 / S3 / CEPW	CIVIL ENGINEERING PROJECT WORK (GROUP – B)	—	6	50		100		—	200	61
10.	CE / 6 / S4 / SMNR	SEMINAR ON CIVIL ENGINEERING PROJECT	—	1	25		25		—	50	61
11.	CE / 6 / S5 / SFS 2	FIELD SURVEY PRACTICE –II	---	6	50		50		---	100	48
12.	CE / 6 / S7 / GVV	GENERAL VIVA VOCE	—	—	—		—		—	100	63
TOTAL			14	25	—		—		450	850	—

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

(a) ADVANCED TRANSPORTATION ENGINEERING (ATE1, ATE2 & LATE); (b) CONCRETE TECHNOLOGY (CT1, CT2 & LCT)

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 – 1050, Sessional – 950; Total – 2000.