

THIRD SEMESTER SCHEME FOR LATERAL ENTRY AND ITI PASSED STUDENTS (CIVIL ENGINEERING) (EP&C)

Sr. No.	SUBJECTS	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME									Total Marks of Internal & External
		L	T	P		INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT						
						Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot		
3.1	Hydraulics and Hydraulic Machines	6	-	2	5	20	10	30	50	2 ½	20	3	70	100	
3.2	Concrete Technology	6	-	2	5	20	10	30	50	2 ½	20	3	70	100	
3.3	*Environmental Studies	3	-	2	3	20	10	30	50	2 ½	20	3	70	100	
3.4	Structural Mechanics	6	-	2	5	20	10	30	50	2 ½	20	3	70	100	
3.5	Building Construction	6	-	3	6	20	10	30	50	2 ½	20	3	70	100	
3.6	Building Drawings	-	-	8	3	-	40	40	60	3	-	-	60	100	
#Student Centred Activities (SCA)		-	-	2	1	-	30	30	-	-	-	-	-	30	
Total		27	-	21	28	100	120	220	310	-	100	-	410	630	

* Common with other diploma programmes

Student Centred Activities will comprise of co-curricular activities like extension lectures, self study, games, hobby clubs e.g. photography etc., seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, disaster management and safety etc.

COMPULSORY SUBJECT OF I & II SEMESTER CIVIL ENGINEERING(EP &C) TO BE TAUGHT IN III & IV Sem. TO LATERAL ENTRY & ITI PASSED STUDENTS OF TRADES ARE AS FOLLOWS :

Sr. No.	SUBJECTS	STUDY SCHEME			Credits	MARKS IN EVALUATION SCHEME										Total Marks of Internal & External
		Periods/Week				INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT							
		L	T	P		Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot			
1.1	*Communication Skills-I	4	-	2	4	-	-	-	50	2 ½	20	3	70	70		
1.2	*Applied Mathematics - I	5	-	-	4	-	-	-	50	2 ½	-	-	50	50		
1.3	*Applied Physics – I	5	-	2	5	-	-	-	50	2 ½	20	3	70	70		
1.4	*Applied Chemistry	5	-	2	5	-	-	-	50	2 ½	20	3	70	70		
		19		6	18	-	-	-	200		60		260	260		

* Common with other diploma programmes

Student Centred Activities will comprise of co-curricular activities like extension lectures, self study, games, hobby clubs e.g. photography etc., seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, disaster management and safety etc.

(*) It is compulsory to appear & to pass in examination From III Semester To VI Semester, But credit/marks will not be included for division and percentage of obtained marks.

(*) Four Semester (Two Years) of Extra Time will be given after diploma curriculum period (If Required) to pass the above paper (1.1 To 1.4 and 2.1 to 2.2) examination (As Per G. O. No. 2221/16-Pra. Shi.-3-2009 Dated 28-08-2009) & Revised G.O. No. 2704/16-Pra.Shi.-3-2013-46(8)/2002 Dated 09-01-2013 and B.T.E Order No. Pra.Shi.Pa/C.D.C./2022/872021 Dated 21.02.22

FOURTH SEMESTER SCHEME FOR LATERAL ENTRY AND ITI PASSED STUDENTS (CIVIL ENGINEERING) (EP&C)

Sr. No.	SUBJECTS	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME										Total Marks of Internal & External
		L	T	P		INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT							
						Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot			
4.1	*Communication Skill-II	4	-	2	4	20	10	30	50	2 ½	20	3	70	100		
4.2	Highway Engineering	6	-	2	5	20	10	30	50	2 ½	20	3	70	100		
4.3	Irrigation Engineering	5	-	-	4	20	-	20	50	2 ½	-	-	50	70		
4.4	Surveying - I	4	-	8	6	20	10	30	50	2 ½	20	3	70	100		
4.5	Reinforced Cement Concrete Structures (RCC Structures)	6	-	-	5	20	-	20	50	2 ½	-	-	50	70		
4.6	*Energy Conservation	3	-	2	3	20	10	30	50	2 ½	20	3	70	100		
4.7	RCC Drawing	-	-	4	2	-	20	20	50	3	-	-	50	70		
#Student Centred Activities (SCA)		-	-	2	1	-	30	30	-	-	-	-	-	30		
Total		28	-	20	30	120	90	210	350	-	80	-	430	640		

* Common with other diploma programmes

- **4 weeks industrial training will be organised after 4th Semester exam. The evaluation of industrial training will be done in 5th semester.**

Student Centred Activities will comprise of co-curricular activities like extension lectures, self study, games, hobby clubs e.g. photography etc., seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, disaster management and safety etc.

COMPULSORY SUBJECT OF I & II SEMESTER CIVIL ENGINEERING(EP &C) TO BE TAUGHT IN III & IV Sem. TO ITI PASSED STUDENTS OF TRADES ARE AS FOLLOWS :

Sr. No.	SUBJECTS	STUDY SCHEME			Credits	MARKS IN EVALUATION SCHEME					Total Marks of Internal & External			
		Periods/Week				INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT					
		L	T	P		Th	Pr	Tot	Th	Hrs		Pr	Hrs	Tot
2.1	*Applied Mathematics - II	5	-	-	4	-	-	-	50	2 ½	-	-	50	50
Total		5	-	-	4	-	-	-	50	-	-	-	50	50

* Common with other diploma programme

Student Centred Activities will comprise of co-curricular activities like extension lectures, self study, games, hobby clubs e.g. photography etc., seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, disaster management and safety etc.

Industrial training of 4 weeks duration to be organised after 4th semester exams

(*) It is compulsory to appear & to pass in examination From III Semester To VI Semester, But credit/marks will not be included for division and percentage of obtained marks.

(*) Four Semester (Two Years) of Extra Time will be given after diploma curriculum period (If Required) to pass the above paper (1.1 To 1.4 and 2.1) examination (As Per G. O. No. 2221/16-Pra. Shi.-3-2009 Dated 28-08-2009) & Revised G.O. No. 2704/16-Pra.Shi.-3-2013-46(8)/2002 Dated 09-01-2013 and B.T.E Order No. Pra.Shi.Pa/C.D.C./2022/872021 Dated 21.02.22

FIFTH SEMESTER SCHEME FOR LATERAL ENTRY AND ITI PASSED STUDENTS (CIVIL ENGINEERING) (EP&C)

Sr. No.	SUBJECTS	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME									Total Marks of Internal & External
		L	T	P		INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT						
						Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot		
-	Industrial Training	-	-	-	2	-	-	-	-	-	50	3	50	50	
5.1	Water and Waste water Engineering	6	-	2	5	20	10	30	50	2 ½	20	3	70	100	
5.2	Railways, Bridges and Tunnels	6	-	-	5	20	-	20	50	2 ½	-	-	50	70	
5.3	Earthquake Engineering	4	-	-	3	20	-	20	50	2 ½	-	-	50	70	
5.4	Soil Mechanics and Foundation Engineering	6	-	2	5	20	10	30	50	2 ½	20	3	70	100	
5.5	Surveying-II	4	-	8	6	20	10	30	50	2 ½	20	3	70	100	
5.6	Waste Water and Irrigation Engineering Drawing	-	-	6	2	-	20	20	50	3	-	-	50	70	
5.7	Universal Human Values	2	-	1	1	-	20	20	-	-	30	3	30	50	
#Student Centred Activities (SCA)		-	-	1	1	-	30	30	-	-	-	-	-	30	
Total		28	-	20	30	100	100	200	300	-	140	-	440	640	

Student Centred Activities will comprise of co-curricular activities like extension lectures, self study, games, hobby clubs e.g. photography etc., seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, disaster management and safety etc. Survey Camp of 2 weeks duration to be organized after 5th semester exam.

SIXTH SEMESTER SCHEME FOR LATERAL ENTRY AND ITI PASSED STUDENTS (CIVIL ENGINEERING) (EP&C)

Sr. No.	SUBJECTS	STUDY SCHEME			Credits	MARKS IN EVALUATION SCHEME									Total Marks of Internal & External
		Periods/Week				INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT						
		L	T	P		Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot		
-	Survey Camp	-	-	-	2	-	40	40	-	-	60	-	60	100	
6.1	Quantity Surveying and Valuation	6	-	-	5	20	-	20	50	2 ½	-	-	50	70	
6.2	Construction Management, Accounts and EntrepreneurshipDevelopment	5	-	-	4	20	-	20	50	2 ½	-	-	50	70	
6.3	Design of Steel Structure	6	-	-	5	20	-	20	50	2 ½	-	-	50	70	
6.4	Steel StructureDrawing	-	-	4	2	-	20	20	50	3	-	-	50	70	
6.5	Software Applications in Civil Engineering	-	-	8	3	-	40	40	-	-	60	3	60	100	
6.6	ENVIRONMENTAL MANAGEMENT	5	-	-	4	20	-	20	50	2 ½	-	-	50	70	
6.7	Project Work	-	-	10	4	-	40	40	-	-	60	-	60	100	
#Student Centred Activities (SCA)		-	-	4	1	-	30	30	-	-	-	-	-	30	
Total		22	-	26	30	80	170	250	250	-	180	-	430	680	

Student Centred Activities will comprise of co-curricular activities like extension lectures, self study, games, hobby clubs e.g. photography etc., seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, disaster management and safety etc.