

PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 3 of DIPLOMA IN CIVIL ENGINEERING

SL no	subject	contact period per week				Examination Pattern				Full marks for			Credits	Page No.				
		subject code	question code	packet code	lecture	sessional	internal assessment (for theoretical sub)		External assessment (for theoretical sub)		Theoretical subject	Sessional subjects						
							Mid Semester Exam (CT)	TA	Total internal	Obj		subj			Marks allotted for ESE	TW	PR	total
Theoretical																		
1	Surveying				3	--	20	10	30	20	50	70	100	--	--	100	3	
2	Building material and construction				3	--	20	10	30	20	50	70	100	--	--	100	3	
3	Concrete Technology				3	--	20	10	30	20	50		100	--	--	100	3	
4	Mechanics of Structure				4	--	20	10	30	20	50	70	100	--	--	100	4	
5	Hydraulics				3	--	20	10	30	20	50	70	100	--	--	100	3	
6	Civil Engineering Drawing				--	--	20	10	30	0	70	70	100	--	--	100	--	
Sessional																		
6	Civil Engineering Drawing				--	6	--	--	--	--	--	--	--	25	25	50	3	
7	Civil Engg Lab I				--	6	--	--	--	--	--	--	--	50	50	100	3	
8	Professional Practice I				--	3	--	--	--	--	--	--	--	25	25	50	2	
Total =					16	15	120	60	180	100	320	420	600	100	100	800	24	

Student contact hour per week is 31 hour.

Theory and Practical classes will be of 1(one) hour duration.

List of abbreviation used: CT – class test; TA – Teacher’s Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)

Obj: objective Subj - Subjective

All other rules and regulations for assessment of practical and term work will be carried out as per prevailing norms

NO QUESTION SHOULD START WITH “WHY” OR ASKS FOR “ GIVING OR CITING REASONS”

TW – Term work (to be evaluated by a board of departmental teachers)

PR- Practical (to be evaluated by external teachers)

CURRICULUM STRUCTURE FOR THE SEMESTER 4 of DIPLOMA IN CIVIL ENGINEERING

SL no	subject	subject code	question code	packet code	contact period per week		Examination Pattern				Full marks for			Credits	Page No.	
					lecture	sessional	internal assessment(for theoretical sub)		External assessment (for theoretical sub)		Theoretical subject	Sessional subjects				Full Marks
							Mid Semester Exam(CT)	TA	Total internal	obj		subj	Marks allotted for ESE			
	Theoretical															
1	Advanced Surveying				3	--	20	50	70	100	--	--	100	3		
2	Geotechnical Engineering I				3	--	20	50	70	100	--	--	100	3		
3	Transportation Engineering I				3	--	20	50	70	100	--	--	100	3		
4	Estimating and Costing				4	--	20	50	70	100	--	--	100	3		
5	Irrigation Engineering				3	--	20	50	70	100	--	--	100	3		
	Sessional															
6	Field Survey Practice I *				--	3	--	--	--	--	50	50	100	2		
7	Application of CAD in Civil Engineering I				--	3	--	--	--	--	35	40	75	2		
8	Professional Practice II				--	3	--	--	--	--	25	25	50	2		
9	Civil Engg Lab II				--	3	--	--	--	--	50	50	100	2		
10	Development of Life Skill II				1	2	--	--	--	--	25	25	50	2		
	Total =				17	14	150	100	250	350	185	190	375	25		

Student contact hour per week is 30 hour.

Theory and Practical classes will be of 1 (one) hour duration.

List of abbreviation used: CT – class test; TA – Teacher’s Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)
Obj – objective Subj- Subjective TW – term work (to be evaluated by a board of departmental teachers) PR- Practical (to be evaluated by external teachers). Minimum passing marks for Theoretical and Sessional subjects will be 40%. **NO QUESTION SHOULD START WITH “WHY” OR ASKS FOR “ GIVING OR CITING REASONS” * Field survey practice-I** can be conducted at a stretch within a time frame of 10 days. In such case class load for **FSP-I** may be distributed to the other subjects, if required

PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 5 OF DIPLOMA IN CIVIL ENGINEERING

SL no	subject	subject code	question code	packet code	contact period per week		Examination Pattern				Full marks for			Credits	Page No.			
					lecture	sessional	internal assessment (for theoretical sub)		External assessment (for theoretical sub)		Theoretical subject	Sessional subjects				Full Marks		
							Mid Semester Exam (CT)	TA	Total internal	obj		subj	Marks allotted for ESE				TW	PR
	Theoretical																	
1	Building Services and Entrepreneurship Development				3	--	20	10	30	20	50	70	100	--	3			
2	Contract and Accounts				2	--	10	5	15	10	25	35	50	--	2			
3	Transportation Engg II				3	--	20	10	30	20	50	70	100	--	3			
4	Design of RCC structure				4	--	20	10	30	20	50	70	100	--	4			
5	Geotechnical Engineering II				2	--	10	5	15	10	25	35	50	--	2			
	Sessional																	
6	Geotechnical Engineering Lab				--	3	--	--	--	--	--	--	100	50	2			
7	Civil Engineering Lab III				--	3	--	--	--	--	--	--	100	50	2			
8	Application of CAD in Civil Engineering II				--	3	--	--	--	--	--	--	75	35	2			
9	Professional Practice III				--	3	--	--	--	--	--	--	50	25	2			
10	Civil Engineering Project I				--	3	--	--	--	--	--	--	100	50	2			
	Total =				14	15	80	40	120	80	200	280	400	210	215	425	825	24

Student contact hour per week is 29 hour.

Theory and Practical classes will be of 1(one) hour duration.

List of abbreviation used: CT – class test; TA - Teacher's Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)

Subj - Subjective Obj – objective TW –term work (to be evaluated by a board of departmental teachers) PR- Practical (to be evaluated by external teachers)

NO QUESTION SHOULD START WITH "WHY" OR ASKS FOR "GIVING OR CITING REASONS" Minimum passing marks for Theoretical and Sessional subjects will be 40%. Rules and regulations for assessment of practical and term work will be carried out as per prevailing norms

PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 6 OF DIPLOMA IN CIVIL ENGINEERING															
Sl no	subject	subject code	question code	packet code	contact period per week		Examination Pattern				Full marks for			Credits	Page No.
					lecture	sessional	internal assessment (for theoretical sub)	External assessment (for theoretical sub)			Theoretical subject	Sessional subjects			
								TA	Total internal	obj		subj	Marks allotted for ESE		
	Theoretical														
1	Design of Steel Structure				20	10	30	20	50	70	100	--	--	100	4
2	Construction and Disaster Management				20	10	30	20	50	70	100	--	--	100	3
3	Environmental Engineering				20	10	30	20	50	70	100	--	--	100	4
4	Elective (any one) #				20	10	30	20	50	70	100	--	--	100	3
	Sessional														
5	Civil Engineering Project II				--	--	--	--	--	--	--	50	50	100	2
6	Civil Engg Lab IV				--	--	--	--	--	--	--	50	50	100	2
7	Field Survey Practice II				--	--	--	--	--	--	--	50	50	100	2
8	Professional Practice IV				--	--	--	--	--	--	--	25	25	50	2
9	Rural Engineering				--	--	--	--	--	--	--	25	25	50	2
10	General Viva-voce				--	--	--	--	--	--	--	--	100	100	--
	Total =				80	40	120	80	200	280	400	200	300	500	24

Student contact hour per week is 29 hour. Theory and Practical classes will be of 1(one) hour duration. Rules and regulations for assessment of practical and term work will be carried out as per prevailing norms. Minimum passing marks for Theoretical and Sessional subjects will be 40%

List of abbreviation used: CT – class test; TA – Teacher’s Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)
Obj – objective Subj - Subjective **TW** – term work (to be evaluated by a board of departmental teachers) **PR**- Practical (to be evaluated by external teachers)

A. **Advanced Construction Techniques and Equipments, Maintenance and Rehabilitation of Structure, Architectural Practices and Interior design, Micro-Irrigation, Watershed Management, Water Resource Management, Earthquake Engineering.**

* Field survey practice II can be conducted at a stretch within a time frame of 10 days. In such case class load for FSP II may be distributed to the other subjects, if required

NO QUESTION SHOULD START WITH “WHY” OR ASKS FOR “ GIVING OR CITING REASONS”.