



3 -	Solve problems regarding precast & pre-stressed concrete
4 -	Solve problems regarding steel structure
5 -	Design the elements of scaffolding

**c. Professional and Practical Skills: :**

1 -	Demonstrate presentation regarding construction methods
2 -	Apply Code provisions regarding temporary structural
3 -	Draw neat details of precast & pre-stressed concrete
4 -	Draw neat details of steel structure
5 -	Prepare technical reports for safety equipment

**d. General and Transferable Skills: :**

1 -	Work in a team
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**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Construction methods	8	4	4
Earth work & foundation technology	8	4	4
Temporary structural	8	4	4
Precast & pre-stressed concrete	8	4	4
Steel structure	8	4	4
Scaffolding	8	4	4
Safety equipment	8	4	4
Revision	4	2	4

**Teaching And Learning Methodologies :**

Interactive Lec.
Discussion
Problem Solving
Report / Present.

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Final Exam	40.00		
Mid-term Exam 1	15.00		
Mid-term Exam 2	15.00		
Quizzes / Assig.	15.00		
Report / Present.	15.00		

**Course Notes :**

Student Lecture Notes

**Recommended books :**

"Construction Methods and Management (8th Edition) Stephens W. Nunnally (Author) Pearson Prentice Hall.)