

Discipline: - Semester: - 6th

Civil Engg
Subject: Construction management

No. of days / per week class allotted: - 06

Name of the teaching faculty: -

Rajesh Kumar Behera

Semester From: - 10/03/22 to 10/06/22

No. of weeks: - 14

07/03/22

1st

to

2nd

12/03/22

3rd

4th

5th

6th

Aim & objective of CM
function of construction management
owner, Engineer, architect etc

14/03/22

1st

2nd

to

3rd

19/03/22

4th

5th

6th

Relationship & Jurisdiction
Resource for CM
Importance of constructional planning
Developing Work
Constructional planning stage.

← HOLIDAY →

21/03/22

1st

2nd

to

3rd

26/03/22

4th

5th

6th

Construction scheduling
Limiting of bar chart
Network techniques
CPM, PERT: technique
Application of CPM & PERT
Classification of stores
etc

28/03/22

1st

2nd

to

3rd

02/04/22

4th

5th

6th


Storage of stock
issue of materials
Invoice, Bin card
Job layout objective
Review plan, specification
Location of equipment

Week	Class Day	Theory / Practical / Lecture Topic
04/04/22 to 09/04/22	1st and 2nd 4th 5th 6th	Organising labour of site Job layout of construction site Principle of storing materials. Handling (CO) of structures. Characteristics of structures. Principle of (CO)
14/04/22 to 16/04/22	1st and 2nd 3rd 4th 5th 6th	Meaning of significant terms Functions of characteristics. Leadership (Details) ← Maba Baidya Sankarant → Human Relation with supervisor sub-ordinates characteristics of group behaviour.
23/04/22 to 28/04/22	1st and 2nd 3rd 4th 5th 6th	Conflict in organization Preparing labour scheduler. Essential stage of optimum labour layout. Labour characteristics. Wages & their payments. Labour incentives.
05/05/22 to 10/05/22	1st and 2nd 3rd 4th 5th 6th	Motivation (Classification) Different approaches (Motivation) Equipment management Preparation of equipment schedule Alternative equipment & Ordering and operating cost

Week	Class Day	Theory / Practical / Lecture Topic
07/05/22 to 12/05/22	1st and 2nd 3rd 4th 5th 6th	Hiring and purchase of equipment FEN-VI-PINER Inspection and testing of equipment Equipment maintenance Quality control (concept)
14/05/22 to 19/05/22	1st and 2nd 3rd 4th 5th 6th	Quality standard (During construction) Quality standard (After construction) Descriptive method Men-Distractive method Monitoring progress Programme of work
21/05/22 to 26/05/22	1st and 2nd 3rd 4th 5th 6th	← BUDHA PURANA → Programme of work Progress of work Risk study Analysis of critical physical progress financial progress Importance of safety Cause of accidents Effect of accidents Safety measurement in work site Developing of safety conscious men

Week	class day	Theory / Practical Topic
	1st	← SABOTRI AMBASHIYA
30/05/22	2nd	Safety legislation
to	3rd	Vulnerability effect of India (Crisis)
04/06/22	4th	Concept of Natural hazards
	5th	Definition of disaster (Terms)
	6th	Earthquake hazards, magnitude
06/06/22	1st	Type of structure and damage
to	2nd	Wind cycle hazard and pressure
11/06/22	3rd	flood hazard & vulnerability.
	4th	Land slid, Tsunami etc
	5th	Housing vulnerability risk
	6th	Atlas of India.

← BOUNDARY DISK/VAULT

Verified

 20/03/22