

Lesson Plan

Subject Construction Management (Code) TH-2 Name of faculty BIBHUTI BHUSAN ROUV
 Semester 6TH Class allotted 4P/week Branch Civil Engrg.

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week <u>4P/week</u>	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1		<u>CH-1 Introduction to CM, Aims and Objectives of CM, Functions of CM.</u>		
	<u>10/03/2022</u> TO	<u>The construction's team components Owner - engineer, architect, Contractor - their functions and interrelationship, Jurisdiction</u>		
	<u>12/03/2022</u> 2 period.	<u>Resources for C.P. - men, machines, Materials, Money.</u>		
2		<u>CH-2 Constructional planning - Importance of C.P, Developing Work Breakdown structure for Cwork. C.P. Pre-tender.</u>		
	<u>14/03/2022</u> TO	<u>Post tender stage. Construction Scheduling by Bar charts Preparation of schedules for labour materials, Machinery, finance for small works.</u>		
	<u>19/03/2022</u> 3 period	<u>Network of PERT and CPM techniques.</u>		
3		<u>CH-3 Materials and Stores Management:-</u>		
	<u>21/03/2022</u> TO	<u>Classification of stores - storage of stock. Issue of materials - indent, invoice, bin card.</u>		
	<u>26/03/2022</u> 4 period	<u>CH-4 Construction Site Management:-</u>		
4		<u>Job lay out - objectives, Review Plans, Specifications, Lay out of equipments.</u>		
	<u>04/04/2022</u> TO	<u>Job lay out for different construction sites. Principle of storing materials.</u>		
	<u>09/04/2022</u> 4 period	<u>CH-5 Construction Organization:-</u>		
5		<u>Introduction - Characteristics, Structure, Importance, Organization types - line and staff. Principles of Organization - Responsibility, Job.</u>		
	<u>11/04/2022</u> TO	<u>Leadership - necessity, styles of leadership role. Human relations relations, Subordinates, Peers, Supervisors. Contexts to organization - Genesis of conflict.</u>		
	<u>16/04/2022</u> 3 period			
6				
	<u>18/04/2022</u> TO			
	<u>23/04/2022</u> 4 period			
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Signature of HOD

Bibhuti Bhushan Rouv
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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8		Ch-6 Construction Labour and Labour Management.	
	25/04/2022	Preparing labour Schedule.	
	To	Essential elements of optimum	
	30/04/2022	labour output, labour character.	
	4 Periods	Wages & their Payment, Labour.	
9		Labour Incentives, Motivation	
	02/05/2022	Classification of Motives.	
	To	Ch-7 Equipment Management.	
	07/05/2022	Preparing the equipment	
	3 Periods	Schedule, Identification of equipment.	
10		Importance of owning & operating	
	09/05/2022	costs in making. Inspection and	
	To	Testing of equipment.	
	14/05/2022	Equipment maintenance.	
	4 Periods	Decisions for hiring & Purchase. Form.	
11		Ch-8 Quality Control.	
	17/05/2022	Concept of quality in construction	
	To	Quality standards - during	
	21/05/2022	construction after construction	
	5 Periods	destructive & non destructive.	
12		Ch-9 Monitoring Processes.	
	23/05/2022	Programme and process	
	To	of work. work study.	
	28/05/2022	Analysis and Control of	
	4 Periods	physical and financial progress.	
13		Ch-10 Safety Management Construction.	
	30/05/2022	Importance of safety. Causes	
	To	and effects of accidents in construction	
	04/06/2022	works. Development of safety.	
	4 Periods	Safety legislation - Workman's.	
14		Ch-11 Role of Vulnerability Areas	
	06/06/2022	of Town in Construction projects.	
	To	Introduction to Vulnerability.	
	10/06/2022	Earthquake hazard and Vulnerability.	
	4 Periods	Magnitude and intensity Scales.	
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