

**GOVT. POLYTECHNIC MAYURBHANJ**  
**LESSON PLAN- 2022/23 (SUMMER)**

Discipline : CIVIL ENGG.		Semester: 6th		Name of the Teaching Faculty :SUBHASMITA NAIK	
Subject : CONSTRUCTION MANAGEMENT (TH.2)		No. of Days / per week class allotted : 02		Semester From date : 14.02.2023 To Date : 23.05.2023	
MONTH	Week	Day	Unit	Topics	
FEBRUARY	3RD		UNIT-I	Introduction To Construction Managemen	
		3RD	1.1	Aims and objectives of construction management.	
		2ND	1.2	Functions of construction management.	
	4TH	3RD	1.3	The construction team components <sub>1</sub> owner, engineer, architect,contractor-their functions and interrelationship and jurisdiction.	
		2ND	1.4	Resources for construction management-men,machines,materials,money	
	5TH		UNIT-II	Constructional Planning	
		3RD	2.1 & 2.2	Importance of Construction Planning ,Developing work breakdown structure for construction work ,	
		2ND	2.3	Construction Planning stages-Pre-tender stage, Post-tender stage.	
	MARCH	1ST	3RD	2.4 & 2.5	Construction scheduling by Bar charts-preparation of Bar Charts for simple construction works. Preparation of schedules for labour materials,machinery, finance for small works
2ND			2.6 & 2.7	Limitation of Bar charts,Construction scheduling by network techniques- defination of terms ,PERT and CPM techniques, advantages and disadvantages of two techniques	
2ND		3RD	2.7	CPM techniques in sample construction works.	
		2ND	2.7	Problem solved by using PERT & CPM	
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			UNIT-III	Materials and Stores Management	
4TH		2ND	3.1	Classification of Stores-storage of stock.	
		3RD	3.2	Issue of materials-indent , invoice, bin card	
		2ND		CLASS TEST-1	

<b>APRIL</b>	<b>5TH</b>		<b>UNIT-IV</b>	<b>Construction Site Management</b>
		<b>3RD</b>	4.1	Job Lay out-Objectives, Review plans, specifications, Lay out of equipments.
		<b>2ND</b>	4.2	Location of equipment, organizing labour at site.
	<b>1ST</b>	<b>3RD</b>	4.3	Job lay out for different construction sites.
		<b>2ND</b>	4.4	Principle of storing material at site.
	<b>2ND</b>	<b>3RD</b>		<b>INTERNAL ASSESSMENT</b>
			<b>UNIT-V</b>	<b>Construction Organization:</b>
		<b>2ND</b>	<b>5.1</b>	Introduction – Characteristics, Structure, importance.
	<b>3RD</b>	<b>3RD</b>	5.2	Organization types-line and staff, functions and their characteristics
		<b>2ND</b>	5.3	Principles of organization- meaning and significance of terms- control, authority, responsibility, job & task.
<b>MAY</b>	<b>4TH</b>	<b>3RD</b>	5.4	Leadership-necessity, styles of leadership, role of leader
		<b>2ND</b>	5.5	Human relations-relations with subordinates, peers, Supervisors, characteristics of group behavior, mob psychology, handling of grievances, absenteeism, labour welfare.
	<b>5TH</b>	<b>3RD</b>	5.6	Conflicts in organization-genesis of conflicts, types-intrapersonal, interpersonal, intergroup, resolving conflicts.
		<b>2ND</b>		<b>CLASS TEST-2</b>
	<b>1ST</b>	<b>3RD</b>		Revision
		<b>2ND</b>		Revision
	<b>2ND</b>	<b>1st</b>		Revision
		<b>3rd</b>		Revision