

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

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

**MARCH**

	<b>4TH</b>	<b>3RD</b>	<b>3.2</b>	Issue of materials-indent , invoice, bin card
	<b>2ND</b>			<b>CLASS TEST-1</b>
				<b>UNIT-IV Construction Site Management</b>
<b>5TH</b>	<b>3RD</b>	<b>4.1</b>		Job Lay out-Objectives, Review plans, specifications, Lay out of equipments.
	<b>2ND</b>	<b>4.2</b>		Location of equipment, organizing labour at site.
	<b>3RD</b>	<b>4.3</b>		Job lay out for different construction sites.
<b>1ST</b>	<b>2ND</b>	<b>4.4</b>		Principle of storing material at site.
	<b>3RD</b>			<b>INTERNAL ASSESSMENT</b>
<b>2ND</b>		<b>UNIT-V</b>		<b>Construction Organization:</b>
	<b>2ND</b>	<b>5.1</b>		Introduction – Characteristics, Structure, importance.
	<b>3RD</b>	<b>5.2</b>		Organization types-line and staff, functions and their characteristics
<b>3RD</b>	<b>2ND</b>	<b>5.3</b>		Principles of organization- meaning and significance of terms- control, authority, responsibility, job & task.
	<b>3RD</b>	<b>5.4</b>		Leadership-necessity, styles of leadership, role of leader
<b>4TH</b>	<b>2ND</b>	<b>5.5</b>		Human relations-relations with subordinates, peers, Supervisors, characteristics of group behavior, mob psychology, handling of grievances, absenteeism, labour welfare.
	<b>3RD</b>	<b>5.6</b>		Conflicts in organization-genesis of conflicts, types-intrapersonal, interpersonal, intergroup, resolving conflicts.
	<b>3RD</b>			Revision
<b>1ST</b>	<b>2ND</b>			Revision
	<b>1st</b>			Revision
<b>2ND</b>	<b>3rd</b>			Revision

**APRIL**

**MAY**

  
HOD 14/02/2023  
**Academic Co-ordinator**

  
Subject Expert  
14/02/2023