GOVT. POLYTECHNIC MAYURBHANJ

UNIT-III	2ND UNIT-III	2ND UNIT-III	2ND	2ND	1ST Problem solved by using PERT & CPM	network analysis, estimation of time and critical path, application of PERT and CPM techniques in sample construction works.	4TH 4TH Limitation of Bar charts, Construction techniques, advantages and disadvar	Construction scheduling by Bar charts-preparation of Bar Charts for simple construction works. Preparation of Schedules for labour materials, machinery, finance for small works	Construction Planning stages-Pre-tender stage, Post-tender stage.	4TH Importance of Construction Planning , Developing work breakdown structure for construction work	Constructional Planning	3RD 2ND Resources for construction management-men, machines, materials, money	1ST The construction team components owner, engineer, architect, contractor-their functions and interrelationship and jurisdiction.	5TH UNIT-I Functions of construction management.	Aims and objectives of construction management.	Introduction To Construction Management	MONTH Week Day Unit Topics	Subject: CONSTRUCTION per week class MANAGEMENT (TH.2) allotted: 04	Discipline : CIVIL ENGG. Semester: 6th Name of the Teaching Faculty :SUBHASMITA NAIK	LESSON PLAN- 2021/22 (SUMMER)
of equipments.			ndent , invoice, bin card			tion of PERT and CPM techniques in sample construction	scheduling by network techniques-defination of terms ,PERT and CPM stages of two techniques	rts for simple construction works. Preparation of orks	age.	own structure for construction work,		erials, money	;,contractor-their functions and interrelationship and				S	To Date : 10.06.2022	:SUBHASMITA NAIK	

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	UNIT-X	UNIT-IX	IIIA-LINO	IIV-TINU	UV-TINU	UNIT-V		
Introduction to Vulnerability Atlas of India, Concepts of natural hazards and disasters and vulnerability profile of India. Definition of disaster related terms. Earthquake hazard and vulnerability, Magnitude and intensity scales of earthquake, seismic zones, earthquake hazard and resistant measures.	Safety measures in worksites for excavation, scaffolding, formwork, fabrication and erection, demolition. Development of safety consciousness Safety legislation- Workman's compensation act, contract labour act.	Monitoring Progress Monitoring ProgressProgramme and progress of work, Work study, Analysis and control of physical and financial progress corrective measures. Safety Management In Construction Importance of safety, auses and effects of accidents in construction works	Unspection and testing of equipment, Equipment maintenance Quality Control Concept of quality in construction, Quality Standards- during construction, after construction, destructive & non destructive methods.	Equipment Management Preparing the equipment schedule, Identification of different alternative equipment Importance of Owning & operating costs in making decisions for hiring & purchase of equipment	welfare. welfare, types-intra types-intra types-intra	acture, importance.O	Job lay out for different construction sites. Principle of storing material at site.	

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	PREVIOUS YEAR QUESTION DISCUSSION	PREVIOUS YEAR QUESTION DISCUSSION	REVISION	REVISION	documents	Housing vulnerability risk tables and usage of vulnerability atlas of India, Inclusion of vulnerability atlas In Tender	Measures against Tsunami, hazards.	Landslides, Tsunamis and Thunderstorm hazards and vulnerability, Landslide & Thunderstorm incidence maps,	flood resistant construction.	Flood hazard and vulnerability, Flood hazard and Flood prone areas of the country, General protection of habitants all u	surveys and cyclone resistant measures.	Wind / Cyclone hazard and vulnerability, wind speed and pressures, wind hazard and cyclone occurrence maps, storm	

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Co-ordinator Academic