

SUBJECT: Construction Management (TH2)

SEMESTER:6TH

BRANCH:CIVILENGINEERING

LECTURE NO.	CO	BTL	TOPIC TO BE COVERED	WEB REFERENCE IF ANY	PLAN DATE	ACTION DATE	REVIEW BY HOD
1	CO1	1	Introduction To Construction Management Aims and objectives of construction management	https://youtu.be/olvs23_VaT0?si=U-EOIeJ2egaAEA-R	23.12.25		
2	CO1	1	Functions of construction management.	https://youtu.be/olvs23_VaT0?si=U-EOIeJ2egaAEA-R	24.12.25		
3	CO1	1	The construction team components owner, engineer, architect, contractor- their functions and interrelationship and jurisdiction	https://youtu.be/50pnkiLsn6Q?si=E6I1hxzpKCQGjh4c	26.12.25		
4	CO1	2	Resources for construction management-men, machines, materials, money	https://youtu.be/50pnkiLsn6Q?si=E6I1hxzpKCQGjh4c	30.01.26		
5	CO1	2	Constructional Planning Importance of Construction Planning	https://youtu.be/ubLPi6WytPE?si=mgTmqA1-Zgb8HZTI	31.01.26		
6	CO1	3	Developing work breakdown structure for construction work	https://youtu.be/ubLPi6WytPE?si=mgTmqA1-Zgb8HZTI	02.01.26		
7	CO1	3	Construction Planning stages-Pre-tender stage, Post-tender stage	https://youtu.be/5C3v6BSVAHI?si=XfqBmsijyqxFXNZR	02.01.26		
8	CO1	3	Construction scheduling by Bar charts- preparation of Bar Charts for simple construction works.	https://youtu.be/5C3v6BSVAHI?si=XfqBmsijyqxFXNZR	02.01.26		
9	CO1	2	Preparation of schedules for labour materials, machinery, finance for small works	https://youtu.be/2S-BkqvJ2QY?si=BBaMYDA8k19fB2K3	06.01.26		
10	CO1	2	Limitation of Bar charts	https://youtu.be/2S-BkqvJ2QY?si=BBaMYDA8k19fB2K3	06.01.26		
11	CO1	1	Construction scheduling by network techniques- defination of terms ,PERT and CPM techniques, advantages and disadvantages of two techniques, network analysis, estimation of time	https://youtu.be/2S-BkqvJ2QY?si=BBaMYDA8k19fB2K3	07.01.26		

			and critical path, application of PERT and CPM techniques in sample construction works.			
12	CO1	1	Materials and Stores Management Classification of Stores-storage of stock.	https://youtu.be/C8-xql0As84?si=7HVqnGs2g47hGiZV	07.01.26	
13	CO1	1	Classification of Stores-storage of stock.	https://youtu.be/C8-xql0As84?si=7HVqnGs2g47hGiZV	08.01.26	
14	CO1	2	Issue of materials-indent , invoice, bin card	https://youtu.be/2Nzbv6MgvRc?si=DBgeEc9lecF6QE8u	09.01.26	
15	CO1	1	Issue of materials-indent , invoice, bin card	https://youtu.be/2Nzbv6MgvRc?si=DBgeEc9lecF6QE8u	13.01.26	
16	CO1	2	Construction Site Management Job Lay out-Objectives, Review plans, specifications, Lay out of equipments	https://youtu.be/4vq0FKWYud8?si=74PlaiXTffu wg4M	13.01.26	
17	CO1	1	Job Lay out-Objectives, Review plans, specifications, Lay out of equipments	https://youtu.be/4vq0FKWYud8?si=74PlaiXTffu wg4M	15.01.26	
18	CO1	2	Location of equipment, organizing labour at site.	https://youtu.be/4vq0FKWYud8?si=74PlaiXTffu wg4M	16.01.26	
19	CO1	1	Job lay out for different construction sites.		16.01.26	
20	CO2	3	Principle of storing material at site.		20.01.26	
21	CO2	1	Construction Organization: Introduction – Characteristics, Structure, importance.		20.01.26	
22	CO2	2	Organization types-line and staff, functions and their characteristics	https://youtu.be/Ouxw3VufpSQ?si=LEu8PjRs4_OcrEx7	20.01.26	
23	CO2	1	Principles of organization- meaning and significance of terms- control, authority, responsibility, job & task.	https://youtu.be/Ouxw3VufpSQ?si=LEu8PjRs4_OcrEx7	21.01.26	
24	CO2	2	Leadership-necessity, styles of leadership, role of leader	https://youtu.be/jiPYQd_EWvU?si=pziNy1fjYESz8Cqy	22.01.26	
25	CO2	1	Human relations-relations with subordinates, peers, Supervisors, characteristics of group behavior, mob psychology, handling of grievances, absenteeism, labour welfare.	https://youtu.be/jiPYQd_EWvU?si=pziNy1fjYESz8Cqy	27.01.26	
26	CO2	2	Conflicts in organization-genesis of conflicts, types-intrapersonal, interpersonal, intergroup, resolving conflicts.	https://youtu.be/jiPYQd_EWvU?si=pziNy1fjYESz8Cqy	28.01.26	

27	C02	1	Construction Labour and Labour Management: Preparing Labour schedule	https://youtu.be/LIL_VyOFRPI?si=L VpIImwCBZgAJhLy	29.01.26		
28	C02	2	Essential steps for optimum labour output	https://youtu.be/LIL_VyOFRPI?si=L VpIImwCBZgAJhLy	30.01.26		
29	C02	2	Labour characteristics	https://youtu.be/LIL_VyOFRPI?si=L VpIImwCBZgAJhLy	03.02.26		
30	C02	1	Wages & their payment		04.02.26		
31	C02	3	Labour incentives		05.02.26		
32	C03	2	Motivation- Classification of motives, different approaches to motivation.		06.02.26		
33	C03	3	Equipment Management Preparing the equipment schedule	https://youtu.be/kv4KEJjdnRk?si=daCvjx16upiWYZcN	10.02.26		
34	C03	3	Identification of different alternative equipment	https://youtu.be/kv4KEJjdnRk?si=daCvjx16upiWYZcN	11.02.26		
35	C03	3	Importance of Owning & operating costs in making decisions for hiring & purchase of equipment	https://youtu.be/kv4KEJjdnRk?si=daCvjx16upiWYZcN	12.02.26		
36	C03	3	Importance of Owning & operating costs in making decisions for hiring & purchase of equipment	https://youtu.be/kv4KEJjdnRk?si=daCvjx16upiWYZcN	13.02.26		
37	C03	1	Inspection and testing of equipment	https://youtu.be/loVF97M-be0?si=pygnoDJ_UsFKQAdA	17.02.26		
38	C03	2	Equipment maintenance	https://youtu.be/loVF97M-be0?si=pygnoDJ_UsFKQAdA	18.02.26		
39	C04	3	Quality Control Concept of quality in construction	https://youtu.be/k5tFLSENbME?si=eHjTVManQSmUVgVF	20.02.26		
40	C04	3	Concept of quality in construction	https://youtu.be/k5tFLSENbME?si=eHjTVManQSmUVgVF	24.02.26		
41	C04	1	Quality Standards- during construction, after construction, destructive & non destructive methods.	https://youtu.be/1KTuL2tyly0?si=y2SbjYA0IS3Z2J2X	25.02.26		
42	C04	1	Quality Standards- during construction, after construction, destructive & non destructive methods.	https://youtu.be/1KTuL2tyly0?si=y2SbjYA0IS3Z2J2X	26.02.06		
43	C04	1	Quality Standards- during construction, after construction, destructive & non destructive methods.	https://youtu.be/1KTuL2tyly0?si=y2SbjYA0IS3Z2J2X	05.03.26		
44	C05	2	Monitoring Progress Programme and progress of work	https://youtu.be/E2Qahnv1j1g?si=XTFgVLh6RylZcg3S	06.03.26		
45	C05	1	Programme and progress of work	https://youtu.be/E2Qahnv1j1g?si=XTFgVLh6RylZcg3S	10.03.26		
46	C05	3	Work study	https://youtu.be/E2Qahnv1j1g?si=XTFgVLh6RylZcg3S	11.03.26		

47	C05	3	Work study	https://youtu.be/E2Qahnv1j1g?si=XTFgVLh6RylZcg3S	12.03.26		
48	C05	3	Analysis and control of physical and financial progress corrective measures.		13.03.26		
49	C05	3	Analysis and control of physical and financial progress corrective measures.		17.03.26		
50	C06	1	Safety Management In Construction Importance of safety Causes and effects of accidents in construction works	https://youtu.be/i3LEmQJKzH0?si=JUkp1sjhKDPadECD	18.03.26		
51	C06	2	Safety measures in worksites for excavation, scaffolding, formwork, fabrication and erection, demolition.	https://youtu.be/i3LEmQJKzH0?si=JUkp1sjhKDPadECD	25.03.26		
52	C06	3	Development of safety consciousness		27.03.26		
53	C06	3	Safety legislation- Workman's compensation act, contract labour act.		02.04.26		
54	C07	1	Role of Vulnerability Atlas of India in construction projects Introduction to Vulnerability Atlas of India, Concepts of natural hazards and disasters and vulnerability profile of India. Definition of disaster related terms	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	02.04.26		
55	C07	1	. Earthquake hazard and vulnerability, Magnitude and intensity scales of earthquake, seismic zones, earthquake hazard maps, types of structures and damage classification, effects in housing and resistant measures.	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	07.04.26		
56	C07	1	Wind / Cyclone hazard and vulnerability, wind speed and pressures, wind hazard and cyclone occurrence maps, storm surveys and cyclone resistant measures	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	08.04.26		
57	C07	2	Flood hazard and vulnerability, Flood hazard and Flood prone areas of the country, General protection of habitants and flood resistant construction.	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	09.04.26		
58	C07	1	Landslides, Tsunamis and Thunderstorm hazards and vulnerability,	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	09.04.26		

59	C07		Landslide & Thunderstorm incidence maps, Measures against Tsunami hazards.	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	10.04.26		
60	C07	3	Housing vulnerability risk tables and usage of vulnerability atlas of India, Inclusion of vulnerability atlas in Tender documents.	https://youtu.be/KDs4fly_aRk?si=IE5jhaBgMx9V_ZHY	11.04.26		

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