

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Civil Engg.

Semester: 6th

Subject: CONSTRUCTION MANAGEMENT

Name of the Teaching Faculty: RAJESH KUMAR SAHU

Subject: CONSTRUCTION MANAGEMENT No. of Days/per week class allotted 04

Semester From Date: 14-02-23 To Date: 23-05-23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15-02-23	Int. to Const. management function	Introduction to construction management function	Introduction function Examples, types	Phy
16-02-23	Const. team component owner, Engineer, their relationship	Const. team Component, owner Engineer, their relationship	Const. team Description about members	Phy
20-02-23	Man, manpower machines, material money	Man, machines, materials, money	Discussion about key terms	Phy
23-02-23	Const. planning importance, Description & breakdown	Const. planning importance description, breakdown	Describe about construction planning	Phy
25-02-23	Pre & post tender stage. Const schedule by bar charts & its preparation.	Pre & post tender stage, Const schedule by bar charts & its preparation	Describe about tender stage, bar chart & its preparation	Phy
27-02-23	Prep schedule by Lab material machine finance & small works.	Prep schedule by Lab material machine finance & small works.	Describe about preparation schedule term.	Phy
01-03-23	Limitation of bar charts.	Limitation of bar charts	Discuss about bar chart limitation.	Phy
02-03-23	Const. Scheduling by network techniques.	Const scheduling by network techniques	Const. schedule by network techniques.	Phy
04-03-23	PERT & CPM technique Adv & Disadvantages	PERT & CPM tech. Adv & Disadvantages	PERT & CPM tech. Adv. & disadv.	Phy
06-03-23	Network analysis CPM, Application of CPM & PERT	Network analysis CPM & Application	CPM method discussion with problems & application	Phy
09-03-23	Classification of stores storage of stock issue of materials.	Classification of stores of stock issues of materials	Describe about diff key terms with example.	Phy

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11-03-23	Job layout objective Review plant, Specification	Job layout objective, Review plant, specification	Description about these terms with example.	Ray
13-03-23	Locatn of equipment organ. labour at site, storing material at site.	Locatn of equipment organ. labour at site, storing material at site.	Description about Locatn of equipment	Ray
15-03-23	Const. Organization Introduction, str. importance.	Const. organization Introduction, str. importance.	Const. organization Introduction, str. importance	Ray
16-03-23	Organization typn. Line & staff function	Organization typn Line & staff function	Typn of organization, line & staff function.	Ray
18-03-23	Principle of organizing mechanism & significance responsibility, jobs & tasks	Principle of organizing mechanism & significance responsibility, job & tasks	Describe about Principle of organizing	Ray
20-03-23	Leadership, necessity, style of leadership, Role of leader	Leadership necessity style of leadership Role of leader	Leadership, Quality, style its role	Ray
22-03-23	Human reem, sub-ordinates supervisors	Human reem. sub-ordinates supervisors	Reln between hierarchy in an company	Ray
23-03-23	mob. Psychology Handling of equipment absentism	mob. psychology Handling of equipment absentism	Description about human psychology	Ray
25-03-23	Conflicts in organization Interpersonal intergroup	Conflicts in organization interpersonal/group	Describe about conflicts, types.	Ray
27-03-23	Labour management Prepare labour schedule	Labour management Prepare Labour schedule	Describe about Labour Management	Ray
01-04-23 29-03-23	Labour characteristics wages & their payments	Labour characteristics wages & their payments	Describe about the characteristics of Labour	Ray

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03-04-23	Labour intensities motivation : types & approaches	Labour intensities motivation : Types & Approaches	- Labour intensities - motivation - Types & approaches	PMS
05-04-23	Preparing equipment operating cost making	Preparing equipment operating cost making	- preparing equipment - operating cost of making	PMS
08-04-23	Hiring & purchase of eq. inspection & testing of equipment maintenance	Hiring & purchase of inspection & testing of equipment maintenance	- equipment - inspection - Testing - maintenance	PMS
10-04-23	Quality control quality on construction	Quality control Quality on construction	Quality control Quality construction	PMS
12-04-23	Quality standard det. & non-destructive methods.	Quality standards det. & non-destructive methods	Quality standards det. process destructive & non-destructive process	PMS
13-04-23	Prog & program of work work study	Prog & program of work work study	Monitoring process study of work with example	PMS
15-04-23	Analysis & control physical & financial programme	Analysis & control physical & financial programme	Analysis & control physical & financial programme	PMS
17-04-23	Importance of safety causes & effect in const. of work	Importance of safety causes effect in const. of work	- Safety concept → causes & effect in const. of work	PMS
19-04-23	safety measurements in working for excavation	Safety measurements in worksite for excavation	Different safety measures	PMS
20-04-23	Scaffolding, formwork fabrication, erection Demolition	scaffolding, formwork fabrication, erection Demolition	Scaffolding, formwork fabrication, erection Demolition	PMS
24-04-23	Development of Safety consciousness	Development of Safety consciousness	Development of Safety consciousness	PMS

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26-04-23	Contract Labour act Role of vulnerability Atlas of India. Concept of hazard & disaster	Contract labour act Role of vulnerability Atlas of India Concept of hazard & Disaster	Contract Labour act Role of vulnerability Atlas of India Concept of hazard & Disaster	Raj
27-04-23	Earthquake hazard & vulnerability Vulnerability profile of India	Earthquake hazard & vulnerability Vulnerability profile of India	Earthquake hazard & vulnerability Vulnerability profile of India	Raj
29-04-23	Defn of disaster related term. mag. & intensity scale earthquake seismic zone	Defn of disaster related term mag. & intensity scale earthquake seismic zone	Defn of disaster related term mag. & intensity scale earthquake seismic zone	Raj
01-05-23	Earthquake hazard maps Damage classification effect of housing & Resistant measuring	Earthquake hazard maps Damage classification Effect of housing & Resistant measuring	Earthquake hazard maps Damage classification Effect of housing & Resistant measuring	Raj
03-05-23	wind/cyclone hazard Cyclone occurrence map	wind/cyclone hazard cyclone occurrence map	wind/cyclone hazard Cyclone occurrence map	Raj
04-05-23	Storm surveys and cyclone resistance measure	storm surveys & cyclone resistance measures	Discussion & measure protected storm	Raj
06-05-23	Flood hazard & vulnerability Flood prone area of country	Flood hazard & vulnerability Flood prone area of country	Flood hazard description & area	Raj
08-05-23	Flood resistance construction Tsunami Thunderstorm	Flood resistance construction Tsunami-thunderstorm	Flood resistance construction. Tsunami-thunderstorm	Raj
10-05-23	Land slide, Tsunami hazards	Land slide Tsunami hazards	Describe about Land slide	Raj
11-05-23	Housing vulnerability Risk tables & usages	Housing vulnerability Risk tables & usages	vulnerability atlas Tender documents	Raj
13-05-23	Inclusion of vulnerability atlas in tender documents.	Inclusion of vulnerability atlas into tender documents	Describe about Risk table & tender documents	Raj

