



DEMAND

PAVIATH INTEGRATED SOLUTION

CIVIL ENGG

CIVIL UNIV

CONSTRUCTION MANAGEMENT

Paviath ONLINE

◆ CIVIL UNIVERSITY ◆ FOURTH YEAR I SEMESTER ◆ CODE A80I46

UNIT-I
MANAGEMENT PROCESS- ROLES . MANAGEMENT THEORIES . SOCIAL RESPONSIBILITIES . PLANNING AND STRATEGIC MANAGEMENT . STRATEGY IMPLEMENTATION . DECISION MAKING: TOOLS AND TECHNIQUES – ORGANIZATIONAL STRUCTURE . HUMAN RESOURCE MANAGEMENT- MOTIVATION PERFORMANCE- LEADERSHIP.

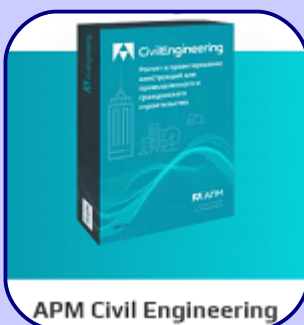
UNIT-II
CLASSIFICATION OF CONSTRUCTION PROJECTS, CONSTRUCTION STAGES, RESOURCES- FUNCTIONS OF CONSTRUCTION MANAGEMENT AND ITS APPLICATIONS . PRELIMINARY PLANNING- COLLECTION OF DATA- CONTRACT PLANNING – SCIENTIFIC METHODS OF MANAGEMENT: NETWORK TECHNIQUES IN CONSTRUCTION MANAGEMENT – BAR CHART, GANT CHART, CPM, PERT- COST & TIME OPTIMIZATION.

UNIT-III
RESOURCE PLANNING - PLANNING FOR MANPOWER, MATERIALS, COSTS, EQUIPMENT, LABOUR, -SCHEDULING . FORMS OF SCHEDULING - RESOURCE ALLOCATION . BUDGET AND BUDGETARY CONTROL METHODS

UNIT-IV
CONTRACT - TYPES OF CONTRACT, CONTRACT DOCUMENT, SPECIFICATION, IMPORTANT CONDITIONS OF CONTRACT – TENDER AND TENDER DOCUMENT - DEPOSITS BY THE CONTRACTOR - ARBITRATION . NEGOTIATION - M.BOOK - MUSTER ROLL - STORES.

UNIT-V
MANAGEMENT INFORMATION SYSTEM - LABOUR REGULATIONS: SOCIAL SECURITY - WELFARE LEGISLATION - LAWS RELATING TO WAGES, BONUS AND INDUSTRIAL DISPUTES, LABOUR ADMINISTRATION - INSURANCE AND SAFETY REGULATIONS - WORKMEN'S COMPENSATION ACT - OTHER LABOUR LAWS - SAFETY IN CONSTRUCTION : LEGAL AND FINANCIAL ASPECTS OF ACCIDENTS IN CONSTRUCTION . OCCUPATIONAL AND SAFETY HAZARD ASSESSMENT. HUMAN FACTORS IN SAFETY . LEGAL AND FINANCIAL ASPECTS OF ACCIDENTS IN CONSTRUCTION . OCCUPATIONAL AND SAFETY HAZARD ASSESSMENT

TEXT BOOKS
1. GHALOT, P.S., DHIR, D.M., CONSTRUCTION PLANNING AND MANAGEMENT, WILEY EASTERN LIMITED, 1992.
2. CHITKARA K.K., CONSTRUCTION PROJECT MANAGEMENT, TATA MCGRAW HILL PUBLISHING CO. LTD., NEW DELHI, 1998.
3. PUNMIA, B.C., PROJECT PLANNING AND CONTROL WITH PERT AND CPM, LAXMI PUBLICATIONS, NEW DELHI, 1987.
REFERENCE:
1. CONSTRUCTION MANAGEMENT AND PLANNING BY: SENGUPTA, B. / GUHA, H. TATA MCGRAW - HILL PUBLICATIONS.



APM Civil Engineering

STC APM

SYLLABUS COACHING
TRAINING - 2/UNIT TRAINING
SELF - 4/UNIT ASSIGNMENT
PRESENTATION - 2/UNIT
SHOWTIME - 2/UNIT



ASCON RENG

SYLLABUS PERIOD
TRAINING - 2/2 HRS/UNIT
REMOTE - 2/2 HRS/UNIT
DURATION - SEMESTER
ONLINE/REMOTE ACCESS



ARCADIA BIM

FEATURES
TRAINING BY IND. PROFESSIONAL
INDUSTRY APPLICATION
TRAINER OPPORTUNITY
CERTIFICATION

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