



MASTER COURSE IN STRUCTURAL DESIGNING & CONSTRUCTION MANAGEMENT

MSDCM

1 year Internationally Accredited Training Program
from CPD United Kingdom



EDGE
SCHOOL OF
CONSTRUCTION
MANAGEMENT



United Kingdom

Civil Engineers

Confused about your Future?

Transform yourselves into Skilled Engineers
& Prospective Managers by learning the
required skills in Construction

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NOW**



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MASTER COURSE IN STRUCTURAL DESIGNING AND CONSTRUCTION MANAGEMENT

MSDCM

One year Internationally acclaimed Training Program



EDGE School of
Construction
Management

It is not the beauty of a building you should look at; its the construction of the foundation that will stand the test of time.

- David Allen Coe

EDGE School of Construction Management is proud to be an industry pioneer once again. In our philosophy of offering unique post graduate programmes that result in strong employment outcomes and usefulness to society, we are pleased to offer a hybrid post degree options for students & professionals of Construction Management and Structural Engineering.

This Master Programme in Structural Designing & Construction Management is a combination of two courses -

- ✧ Post Graduate Programme in Applied Construction Management (PGPACM) &
- ✧ Post Graduate Programme in Applied Structural Designing (PGPASD)

WHY STUDY

MASTERS IN STRUCTURAL DESIGNING & CONSTRUCTION MANAGEMENT

On completion, you can go on to a career working for global construction organizations concerned with the designing, management & business of producing buildings. One can go for into positions as-

- ✂ Construction Managers
- ✂ Structural Design Managers
- ✂ Structural Designers
- ✂ Rebar Detailers
- ✂ BIM Modellers
- ✂ BIM Coordinators
- ✂ BIM Engineers
- ✂ Planning Engineers
- ✂ Quantity Surveyors
- ✂ Contracts Engineer

PROFESSIONAL RECOGNITION



EDGE SCOM is an Accredited CPD Provider by the CPD Standards Office, United Kingdom. Attendees of the course will be getting an Internationally acclaimed Certification



ELIGIBILITY

Students in final year of graduation or who have completed graduation in Civil Engineering / Technology from recognized University / Institution. Architects preferably with 2 years experience are also eligible to do this course.

DURATION

Its a 12 months Programme with classes from Monday to Saturday. Classes usually will be for 3-4 hours everyday including theory and lab practice.

ENTRANCE EXAM

Eligible applicants have to undergo the entrance examination .which is mainly personal interview. Aim is not only to judge academic competency to go for higher studies but also overall development, attitude, family background, English proficiency, health, achievements in life and approach towards further career. Seats are limited to 20 per batch and management reserves every right to postpone or cancel the admission of the candidate if criteria is not met or batch strength has exceeded its capacity.

PROGRAMME FEES

Fees for MSDCM Programme can be paid in 3 installments. 40% of the total fee should be paid at the time of admission, 30% after two months of admission and remaining 30% after four months of admission.

Academic Calendar & Attendance

MSDCM course is a incubator for a graduate to become professional and hence all systems and policies are set accordingly. Students are informed to refer the academic calendar. Entire program consists of around 365 days including coursework days, national holidays and Sundays.No other holidays are granted to students. Students shall maintain 90 per cent attendance to be eligible to pass each level and to get full benefit of the program and final certificate. Students may avail leaves on account of genuine reasons such as passport interview, major illness, and marriage of real brother/sister only. Leaves shall be applied 3 days in advance and get sanctioned. Student shall cover portion missed during leave period on his own responsibility. Sanctioned leave does not mean consideration in attendance. Attendance is a physical presence during conduct of session.Penalty will be application in case student fail to recover those missed classes.

Academic requirements

Course Work:

The list of courses to be studied module wise is mentioned in Course Structure. Teaching schedule and hours may vary depending upon other demands on students and teachers. Typically, a full course involves 50 to 60 hours of teaching. There is total 1 class test per module.The distribution for course work and specialization is shown below. Marks are converted finally into grades. Assessment of skills is the focus in this course.Tests are conducted in most apt format such as written, oral, presentation, group discussion or even activity based / case study based evaluation. All submissions shall be submitted by students from their personal mail id to Google drive shared with students by faculties. All test papers shall be submitted back to the institute as an official record for audit. If misplaced by the student, either he has to rewrite it and submit or make an affidavit for it.

MODULES / SPECIFICATIONS

The Course is divided into many modules categorized mainly into two domains. This is a 1 year Programme with classes from Monday to Saturday. Classes usually will be for 3-4 hours everyday including theory and lab practice.

CONSTRUCTION MANAGEMENT

Duration: 6 Months

MODULES

- ✦ PROJECT MANAGEMENT
- ✦ QUANTITY SURVEYING
- ✦ CONTRACTS MANAGEMENT
- ✦ BUILDING INFORMATION MODELLING
- ✦ ENGINEER'S EMPLOYABILITY TRAINING

STRUCTURAL DESIGNING

Duration: 6 Months

MODULES

- ✦ FUNDAMENTALS OF STRUCTURAL ANALYSIS & DESIGN
- ✦ STRUCTURAL PLANNING AND ANALYSIS
- ✦ MANUAL LOAD CALCULATION AND DESIGN
- ✦ PREPARATION OF STRUCTURAL DRAWINGS
- ✦ PREPARATION OF STRUCTURAL DESIGN BASIS REPORT
- ✦ DESIGN OF STEEL STRUCTURES
- ✦ LIVE PROJECTS
- ✦ TRAINING ON ALL MAJOR STRUCTURAL SOFTWARE

CONSTRUCTION MANAGEMENT MODULES



Program syllabus

PGP 01- QUANTITY SURVEYING & COST CONTROLLING

Part-1

- ✧ Introduction to Engineering project including project cycle & bidding documents.
- ✧ Methods of measurement of the works.
- ✧ Quantities surveying by manual calculations for the following different works
- ✧ Earthworks Calculations
- ✧ Calculation of Excavation Quantities for Spread Footings & Mat/Raft Foundations
- ✧ Calculation of Soil Treatment Quantities
- ✧ Calculation of Backfilling Quantities
- ✧ Concrete works Calculations (PCC & RCC)
- ✧ Calculation of Footings Concrete Quantities
- ✧ Calculation of Tie Beams Concrete Quantities
- ✧ Calculation of Column neck Concrete Quantities
- ✧ Calculation of Plinth Beams Concrete Quantities
- ✧ Calculation of Slab on Grade Quantities
- ✧ Calculation of RC Core Wall Concrete Quantities
- ✧ Calculation of Retaining Wall
- ✧ Calculation of U/G Water Tank/Sump Quantities
- ✧ Calculation of Floor Columns Concrete Quantities
- ✧ Calculation of Floor Beams Concrete Quantities
- ✧ Calculation of Floor Slabs(Cast-in-situ & PreCast Hollow Core Slab)
- ✧ Calculation of Staircase, Ramps & Lift Core Concrete Quantities
- ✧ Masonry works Calculations
- ✧ Calculation of Brickwork for Internal, External, Parapet & Boundary Walls Quantities
- ✧ Plastering works Calculations
- ✧ Calculation of Brickwork Plastering, Wall Plastering & Ceiling Plastering Quantities
- ✧ Tiling works Calculations
- ✧ Calculation of Floor Tiles, Dado Tiles & Wall Tiles Quantities
- ✧ Thermal & Moisture Protection works Calculations
- ✧ Membrane Waterproofing Quantities
- ✧ Vapour Barrier, Damp-Proofing & Bitumen Paint Calculations
- ✧ Metal works Calculations
- ✧ Internal & External Finishes Calculations
- ✧ Wood & Plastic works Calculations
- ✧ Doors & Windows works Calculations
- ✧ Painting works Calculations
- ✧ Glazing works Calculations
- ✧ Specialties works Calculations
- ✧ Mechanical works
- ✧ Electrical works
- ✧ Steel Calculations of Sub-Structure & Super Structure
- ✧ Application on Engineering project

Program Structure

Modules Included:

PGP 01

Quantity Surveying

PGP 02

Project Management

PGP 03

Building Information Modelling

PGP 04

Contracts Management

PGP 05

Engineer's Employability Training Program

Certifications Included:

CP 01- ORACLE PRIMAVERA P6

CP 02- Microsoft Project

CB 01- Revit Architecture

CB 02 -Revit Structure

CB 03 -Navisworks

CB 04 ETABS

CB 05 SAFE

Part-2

- ✧ Quantity take-off from CAD Drawings (Civil/Architectural).
- ✧ Preparation of Payment certificate.
- ✧ Bill of Quantities as per CSI Divisions.
- ✧ CAD & MS Excel Training.
- ✧ Variations & Claims

Part-3

- ✧ Introduction to construction project stages
- ✧ Overview of the Construction contracting methods, and contracts types.
- ✧ Tender Documents
- ✧ Types of Contracts





Introduction

- Introduction to this Course

Basic Concepts

- What is a Project?
- What is Project Management?
- Five Process Groups of Project Management
- Schedule and its Importance
- Critical Path Method for Scheduling
- Understanding a Gantt Chart
- Project Management Fundamentals

Introduction to Primavera P6

- Introduction to Oracle Primavera P6 PPM
- Primavera P6 Interface and Preferences

Enterprise Environment in Primavera P6

- Organizational Breakdown Structure
- Enterprise Project Structure
- Work Breakdown Structure
- Access Control in Primavera P6

Planning and Creating a New Project

- Planning your Project Schedule
- Understanding a Sample Project
- Creating a New Project in Primavera P6
- Project Window Options
- Total Float and Project Must Finish Date

Calendars

- Role of Calendars in Scheduling
- Adding and Assigning Calendars

WBS, Activities and Basic Formatting

- Creating WBS in Primavera P6
- Formatting Columns and Timescale
- Percentage Complete Types in Primavera P6
- Activity Types in Primavera P6
- Setting Defaults for New Activities
- Adding Activities
- Estimating Duration of Activities
- Adding Duration of Activities

Relationships and Scheduling

- Understanding Relationships
- Adding Relationships and Scheduling
- Understanding Scheduling Algorithm

Formatting, Sharing and Reporting

- Formatting Bars
- Group, Sort and Layouts
- Filtering in Primavera P6
- Printing, Exporting and Importing
- Reporting in Primavera P6

Updating and Monitoring

- Understanding and Adding Baseline
- Updating a Project
- Monitoring and Controlling a Project
- Recovering the Baseline Schedule
- Preparing Revised Recovery Schedule

Roles, Resources and Expenses

- Understanding Roles, Resources and Expenses
- Resource and Cost Terminologies
- Adding and Assigning New Currency
- Adding Roles and Resources
- Resource Window Details

Duration Types in Primavera P6

- Resource Options and Assigning Resources
- Reviewing Resource Allocation
- Adding Expenses
- Reviewing Resource and Cost Usage
- Updating a Project with Resources and Expenses
- Cost Accounts

Generating S-CURVE from PRIMAVERA P6 Schedule

- Planned/Actual Progress S Curve
- Cash Flow Curve

Resource Levelling

- What is Resource Levelling & How to do it
- Resource Usage Spreadsheet
- Resource Usage Profile

Analyzing & Understanding Histograms

- Manpower & Machinery Histograms
- Stacked Histogram

Look Ahead Schedules

- 2-Week Look Ahead Schedule
- One Month Look Ahead Schedule

Earned Value Analysis

- EVM Fundamental Parameters
- EVM Metrics
- Cost Variance
- Schedule Variance
- Cost Performance Index
- Schedule Performance Index
- Running Earned Value Analysis on a LIVE PROJECT

Delay Analysis in Primavera P6

- As Planned Vs. As Built in Primavera P6
- Impacted As Planned Method in Primavera P6
- Collapsed As Built in Primavera P6
- Window (Time Impact Analysis)

PRIMAVERA P6 USEFUL TRICKS

- Conclusion
- End Exam

PLUS + Complimentary Free Bonus Certificate Course – Microsoft Project





PGP 03- BUILDING INFORMATION MODELLING

Module Description: This module covers Building Information Modeling (BIM), including its use and application for small- and large-scale building construction projects. Students will learn terminology associated with buildings, the theory and evolution of BIM, and how to develop BIM models using Autodesk Revit. As time allows, this course will also cover selected topics on how BIM is used to help prepare or feed into key project items, such as cost estimation, architectural renderings, & interference checking.

This course will provide the student with multiple learning opportunities to expand their engineering knowledge and experience. We will focus on both the technical and professional areas of engineering.

Technical:

- ✦ Develop building and infrastructure vocabulary to be able to describe a building, its components, and its systems, including the architectural, MEP (mechanical, electrical, plumbing), and structural components.
- ✦ Describe evolution and development of BIM from its origination to today.
- ✦ Be able to compare, including advantages and disadvantages of BIM vs. 2D and 3D CAD
- ✦ Explain the challenges and roadblocks still facing the use of BIM Model
- ✦ Understand applications of BIM, such as cost estimation, architectural renderings, interference checking, and modeling of energy consumption

Professional:

- ✦ Contextual understanding of BIM and its role and application in the construction industry

Course Topics

Part I: Introduction to/Review of Buildings & Systems

- ✦ Building components and systems (architectural, structural)
- ✦ Building vocabulary
- ✦ Building drawings, specifications
- ✦ Building design process and roles of owners, managers, designers, engineers and contractors/subcontractors

Part II: Introduction to BIM and BIM Concepts

- ✦ What is BIM?
- ✦ How can BIM be a part of the building design process?
- ✦ BIM vs. 3D CAD
- ✦ Evolution and development of BIM & object-based parametric modeling
- ✦ BIM platforms

Part III: Autodesk Revit (Arch & Structure), ETABS & SAFE

- ✦ Mass and concept modeling
- ✦ Detailed modeling
- ✦ Creating, importing and modifying families of objects and elements
- ✦ Architecture and Structural applications
- ✦ Creating plans, sections, details, schedules, cover page

Part IV: Future of BIM

Part V: Miscellaneous Applications of BIM

- ✦ 4D BIM – multidimensional planning of a construction process,
- ✦ 5D BIM – advanced methods for cost analysis, automated quantity take off,
- ✦ Clash Detection using Navisworks





PGP 04- CONTRACTS MANAGEMENT

Course Outline

Principles of contracts

- ◇ -Defining a contract
- ◇ -Elements of a contract
- ◇ -Expressed and implied contracts
- ◇ -Problems in preparing and managing contracts

Contract preparation

- ◇ -Stages of contract preparation and management
- ◇ -Contracting methods
- ◇ -Developing the scope of work
- ◇ -Problems with a badly written scope of work
- ◇ -Decision analysis worksheet
- ◇ -Evaluation criteria
- ◇ -Terms and conditions

Contract types and strategies

- ◇ -Fixed price contracts
- ◇ -Cost reimbursable contracts
- ◇ -Time and material contracts
- ◇ -Payment terms

The tendering stage

- ◇ -Objectives of tendering
- ◇ -Alternative to tendering
- ◇ -Tendering procedures
- ◇ -Tendering objectives
- ◇ -Invite potential bidders
- ◇ -Tender briefing
- ◇ -Receiving and opening of bids
- ◇ -Recommendation report
- ◇ -Evaluation of bidders
- ◇ -Pre-qualification criteria
- ◇ -Invitation to tender

Receipt and opening of bids

- ◇ -Bids evaluation and contract award
- ◇ -Evaluation process
- ◇ -Preliminary examination of bids
- ◇ -Detailed examination of bids
- ◇ -Commercial Evaluation
- ◇ -Value for money
- ◇ -Whole life costing
- ◇ -Most economic advantageous tender
- ◇ -Technical Evaluation
- ◇ -Scoring protocol
- ◇ -Technical bid scoring
- ◇ -Method of awarding a contract

Contract award

- ◇ -Contractor evaluation
- ◇ -Questionnaire and surveys
- ◇ -Contractor's ratings
- ◇ -Key performance indicators
- ◇ -Targets and benchmarks
- ◇ -Service level agreement (SLA)
- ◇ -Managing subcontractors
- ◇ -Partnership with contractors
- ◇ -Different pricing methods
- ◇ -Whole life cost
- ◇ -Value for money
- ◇ -Most Economically Advantageous Tender (MEAT)

Contract administration

- ◇ -Purpose of contract administration
- ◇ -Aspects to manage
- ◇ -Documents needed to administer a contract
- ◇ -Contract administration tools
- ◇ -Role of contract administrators
- ◇ -Lessons learned
- ◇ -Claims and variation orders
- ◇ -Breach of contract
- ◇ -Money Damages
- ◇ -Equitable remedies
- ◇ -Changes and modifications
- ◇ -Alternative dispute resolutions (negotiation, mediation)





PGP 05- ENGINEER'S EMPLOYABILITY TRAINING

Course Outline

- ✧ Hard Skills VS Soft Skills
- ✧ Self Performance – Work Performance – People Performance
- ✧ Self-Engineering – Elevate from Data Understanding to People Understanding
- ✧ Top 5 Must Have Soft Skills for Professional Engineers
- ✧ Self Analysis Tools
- ✧ Group Activity
- ✧ Employability Skills to make a presence in Global Market
- ✧ Tips for Time and Self-Management
- ✧ Q&A Session with Feedback

Outcome of the course:

- ✧ Understand How to maximise your verbal and visual communication skills
- ✧ Understand how to speak fluently and confidently
- ✧ Learn how to give importance to your language to create an impact
- ✧ Learn art of Self-Management with International Tools
- ✧ Learn how to heighten your personal presence
- ✧ Insightful information on how to increase Performance
- ✧ Proper understanding of mandatory soft skills



STRUCTURAL DESIGNING MODULES



Program Structure

Modules Included:

CPSE 01

SOFTWARE TRAINING (RCC)

CPSE 02

FUNDAMENTALS OF STRUCTURAL ANALYSIS & DESIGN

CPSE 03

STRUCTURAL PLANNING AND ANALYSIS

CPSE 04

MANUAL LOAD CALCULATION AND DESIGN

CPSE 05

PREPARATION OF STRUCTURAL DRAWINGS IN AUTOCAD

CPSE 06

PREPARATION OF STRUCTURAL DESIGN BASIS REPORT

CPSE 07

DESIGN OF STEEL STRUCTURES

CPSE 08

STAAD.PRO, RAM CONCEPTS TRAINING

CPSE 09

LIVE PROJECTS ON STRUCTURAL STEEL

Certifications Included:

CS 01- CSI ETABS

CS 02- CSI SAP2000

CS 03- CSI SAFE

CS 04 -STAAD PRO

CS 05- RAM CONCEPT

CS 06- AUTOCAD

Program Syllabus

MODULE 1: SOFTWARE TRAINING (ETABS , SAP2000 & SAFE)

INTRODUCTION AND MODELLING

- Introduction
- Objectives
- File Operation
- ETABS Windows / Floor Information
- Creating Basic Grid System
- Defining Storey Data
- Adding Structural Objects Using Templates \Manual
- View Selection & Options

Material , Section properties and draw options

- Material Properties
- Section Properties
- Wall Slab Section Properties
- Drawing Of Line ,Point And Area Objects
- Editing Tools For Objects

Assignment structural options

- Point Object
- Line Object
- Area Object
- Assignment Loads

Assignment of load case

- Dead load
- Live load
- Earthquake load
- Wind loads
- Load combinations

Analysis and output

- Response spectrum method
- Static pushover analysis
- Time history analysis
- Results & Graphical Output (Analysis Output)
- Editing
- Text Input And File Exports /Imports

Design of RCC members

- Assigning Design Parameters As Per Is 456
- Study Of Design Summary Results In Terms Of Percentage Of Reinforcement And Area Of Steel
- Preparation Of Design Reports
- Design Of Shear wall
- Detailing of Rcc members
- Design of isolated footing
- Design of combined footing
- Design of raft/mat footing
- Checking footing for punching shear

- Design of slabs
- Design of flat slabs
- Detailing of footings and slabs
- Import and export from Etabs to safe
- Import and export from Cad to safe

Importing and exporting option

- Importing cad to Etabs
- Exporting Etabs to cad

LIVE PROJECT

- Practical design on live project

MODULE 2: FUNDAMENTALS OF STRUCTURAL ANALYSIS AND DESIGN

Methods of Rcc design

- Working stress method
- Ultimate load method
- Limit state method

PROPERTIES OF MATERIALS

- Concrete
- Steel (rebar)

BASIC CONCEPTS OF STRUCTURE ANALYSIS AND DESIGN

- Types of loads
- Type of support conditions
- Concept of SFD
- Concept of BMD
- Codal provision of beams
- Codal provision of columns
- Codal provision of slabs
- Codal provision of foundations
- Codal provision of staircase

MODULE 3: STRUCTURAL PLANNING and ANALYSIS

- Studying of architectural plans
- Position and orientation of columns
- Positioning of beams
- Spanning of slabs
- Layouts of stairs
- Selecting proper type of footing
- Types of analysis methods
- Concept of kanis method
- Analysis of frame using kanis method

MODULE 4: MANUAL LOAD CALCULATION AND DESIGN

MANUAL LOAD CALCULATIONS

- Load calculation on beams
- Load calculation on columns
- Load calculation on slabs

MANUAL DESIGNING OF RCC ELEMENTS

- Manual design of beams
- Manual design of column
- Manual design of slabs
- Manual design of footing
- Manual design of staircase

MODULE 5: PREPARATION OF STRUCTURAL DRAWINGS IN AUTOCAD

- Footing Layout Plan
- Column Layout Plan
- Plinth Beam Layout plan
- Plinth Beam Details
- Slab Layout Plan
- Slab Section Details
- Column Details
- Roof Beam Layout Plan
- Roof Beam Details
- Staircase Layout Plan & Details

MODULE 6: PREPARATION OF STRUCTURAL DESIGN BASIS REPORT

- Preparation Of DBR
- Introduction
- Description of Project
- Structural System
- Design Loads
- Gravity Loads
- Lateral Loads
- Load Combination
- Live Load reduction
- Deflection and Drift Limits
- Miscellaneous Design Criteria
- Material Strengths
- Structure modeling & Computer Programs
- Design Standards and References
- Units

STEEL STRUCTURES OUTLINE

Module 7: Introduction to Structural Steel Design Training

- Various steel sections
- Computational of loads for different designs such as ASD and LRFG
- How and why steel structures fail
- Techniques to get an acceptable level of safety easily
- Building specifications and codes
- Review of basic civil and analysis structure

Module 8: Steel Beams Designs

- Beams and their definitions
- Design of beams
- Axial and bending tension subjection and endurance
- Deflection in beams design
- Using different software for simulation
- Beam columns design
- Code design procedure
- Equivalent moment factor
- Tension and bending forces on beam columns
- Eccentrically loaded beams design
- Nominal strength

Module 9: Steel Connections

- Fillet welds design
- How joints that have bolts handle shear tension
- Introduction to steel welds and their types
- Tension loads and their effect on bolted joints
- Bolted connections
- Eccentric connections
- Welded connections

Module 10: Analysis of Compression Members

- Euler formula in steel design
- Intermediate column formulas
- Long column formulas
- Short column formulas
- Failure modes
- Elastic buckling of slender
- Classification of the cross-section
- Displacements
- Single angle struts
- The effective length of compression members
- Compression members are composed of two components

Module 11: Design of Compression Members

- Built-up columns
- Base plates best designs for concentrically loaded columns
- Column splices design
- AISC best designs tables
- Single angle compression members
- Lacing and batten systems
- Compression members structure

Module 12: Composite Sections

- Composite constructions
- Concrete encased section designs
- Flexural strength
- Composite section moment capacity
- Composite section defections
- Cover plated beams
- Pan floors are an example of composite concrete and floors

Module 13: Steel Building

- Roof construction types
- Steel roofs
- Interior partitions using steel
- Exterior walls steel design
- Structural steel designs
- Fireproofing of steel buildings

Module 14: Advantages and Disadvantages of Structural Steel Design

- Limit state design
- Lateral torsional buckling LTB
- Design resistance and how it affects general strength
- Stress calculations
- Advantages of steel designs
- Disadvantages of steel design

Module 15: Stress and Resistance

- Stress concentration
- Fatigues resistance
- Corrosion resistance
- Structural steel products
- Fabrication and erection
- Residual stress

Module 16: Design of Plate Girders

- Web panel shear exposure
- Plate girders
- Girder components welding
- General considerations
- Using ISO 800:2007 to design girders
- The behaviour of transverse web stiffness
- Loading considerations
- Fatigue effects
- Maximum load effects

Projects covered: One PEB Commercial Building & One Industrial PEB Structure

Software included: STAAD Pro, RAM Connection & Personalized Spreadsheets

TESTIMONIAL FROM OUR ALUMNUS

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Engr Mohammed Abbas
Construction Manager, USA

Want to reach new heights specially in Construction Management?? Just come her and join in. Faculties will not only share their knowledge but also their experience of working in different countries. Quantity surveying, Primavera P6 software are one of those skills you just don't want to miss taking classes of.



Engr Bhanu Prakash
Project Engineer, Dubai, UAE

Doing the PGPACM Course at EDGE was a life-altering experience that has provided me with the foundation to a successful career, the teaching staff were very knowledgeable in their areas of expertise and strive to provide real world examples coupled with theoretical analysis to enthusiastically teach the principles of engineering.



Mohammed Mohtasham
Project Engineer, KSA

Positive Outlook & Endless Learning Opportunities at EDGE If you show initiative, the Culture and Environment is Wonderful & Training by the faculties was an eye opener for me. The Course Material for PGPACM is truly great, and good thing is that you will get real time Project Explanation with Case Studies. Thank you EDGE.



Engr Junaid Hussaini
Construction Management Student, USA

A Very good clear and complete over the subjects in Construction Management is being delivered throughout the course. Every topic is explained cleared as per mentioned and promised the modeling of the course as per stages is very interesting.



Engr Sara Saeed
Planning Engineer Bangalore, India

I really enjoyed learning at EDGE SCOM. I came to do the PGPACM Course with many apprehensions but I am glad I am going back with many memories and through subject knowledge Teaching by the faculties is brilliant and every topic was taught with ease.



Engr Kalpesh Varma,
Contracts Engineer, Pune, India

My experience with EDGE SCOM has been amazing. Faculties are highly experienced and made concepts very simple to understand. Most of the study was explained using practical situation which made the course interesting and easy to understand I would definitely recommend EDGE for any course to civil Engineering.

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WHY STUDY IN HYDERABAD

Hyderabad, capital of Telangana, is the sixth largest urban agglomeration of India. The City enjoys the advantage of its location and connects to all major cities in India through rail, road and air. The Hyderabad International Airport (Rajiv Gandhi International Airport) provides connectivity to major international & domestic destinations. Hyderabad is ranked 3rd amongst top 20 cities in the world to become 'Global Mega Hub' by 2020. This is the only Indian city which figures in the top 10 large cities in the world considered as the 'Most Sustainable Cities by 2020'. Several world renowned academic and research institutes and universities are based in Hyderabad, thus creating a vast pool of talent. It has a large number of training institutes and coaching centres as well for different fields of study.

430 year old Hyderabad city is home to many historical sites, including the UNESCO Asia Pacific Heritage site of Chowmahalla Palace, the Charminar, Golkonda Fort, Salarjung Museum, Falaknuma Palace, etc. The city is a regular tourist hotspot and carries many places of interest. Hyderabad's unique flavour gives the city its distinct branding that perhaps none of the other Indian metros can boast of. Hyderabad is a mini-India, a global melting pot. It puts anyone who comes here at ease. Its spirit of entrepreneurship, the easy pace of life, along with the other advantages like its excellent physical and social infrastructure, its knowledgeable people and technology edge imparts it a unique flavour. Without doubt, experience of studying in Hyderabad will definitely be worthy.

ACCOMMODATION

EDGE SCOM provides full support in getting a good accommodation in reasonable budget in the area in the close proximity of the institute. We have tie ups with boys and girls hostels which are within 2 Km distance. Most of the students prefer PG (paying guest) accommodation. Institute helps all to get such accommodation as well. Cost of living (food and stay) in Hyderabad will charge approx.. 5000 to 8000/- a month. Ample options are available to get variety of food in nearby hotels and mess.



WHAT DOES IT **REALLY** COST TO LIVE IN HYDERABAD

The cost of living in Hyderabad varies from lifestyle to lifestyle. The general measures of life are indicated below based on feedback provided by our students.

Category	Monthly Expenses (Estimated)
Accommodation (including Utilities)	Rs 3000 - Rs 5000
Food	Rs 2000 - Rs 4000
Transport	Rs 1000 - Rs 2000
Communications	Rs 500- Rs 1000
Total Estimated Monthly Expenses	Rs 6500 - Rs 12000



EDGE
SCHOOL OF
CONSTRUCTION
MANAGEMENT

MEET OUR CORE FACULTY



Mohammed Zubair

Education Entrepreneur/
Founder of EDGE School of Construction Management

MS in Construction Management, UK
B.E. in Civil Engineering (Osmania Univ)
Project Management Professional (PMP)
Professional Scrum Master (PSM1)

TOTAL NO. OF QUANTITY SURVEYING BATCHES CONDUCTED

100+

TOTAL NO. OF PROFESSIONALS TRAINED

2000+

WORK EXPERIENCE **15** YEARS

Worked in INDIA, USA, KSA & UK on Major Projects in Planning/ Estimating Contracts roles. A dynamic Project Management Professional with over 15years Professional Experience in Managing Projects, having expertise in Project/ Contracts/ Cost/ Resource Management. Conducted over 300 batches for Construction Professionals

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Project Planning & Scheduling.
Building Information Modelling.
Earned Value Analysis.
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