

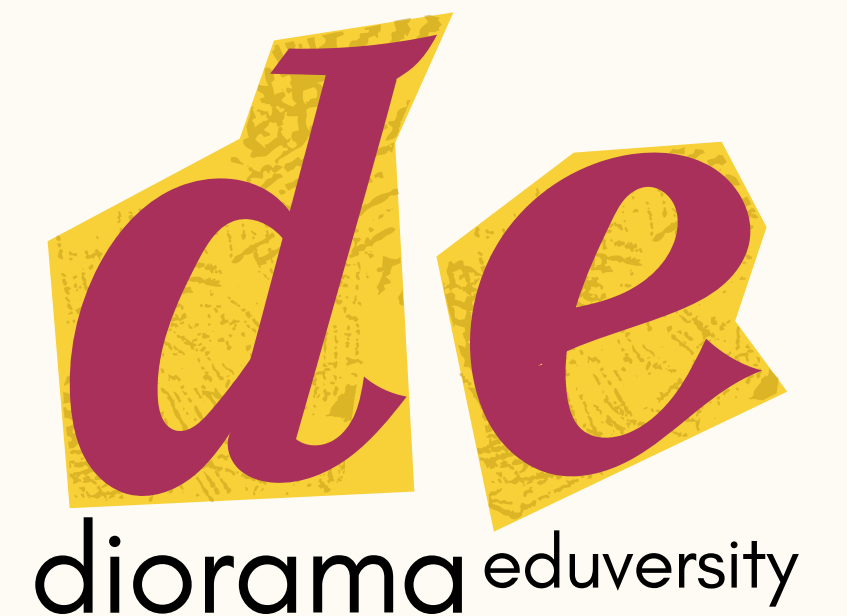
MBA

Construction Management

Curriculum 2023

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IN COLLABORATION WITH SAGE
UNIVERSITY, INDORE



M.B.A.

Construction Management

The world over construction is the largest business, be it residential, commercial or public, all building plans need management experts to guide and control cost over runs, quality checks and statutory compliances. These managers work alongside architects and engineers, plan and execute through them construction and infrastructure projects. They also manage huge properties rented out by companies to other companies, as the eyes and ears of the Owner Company.

Focus Areas

- Latest trade practices
- Teaching of industry software
- Global methods
- Conventional management
- AI inspired management techniques application
- Risk minimization and management
- Construction Project Planning and Scheduling
- Compliances
- Cost and material controls
- Construction Contracts and Dispute Management
- Town and Country Planning
- Building Information Modelling and Management
- Construction Quality Assessment

Course

This Study Program focuses on India's booming construction industry. It is designed to create a generation of Project Managers who can lead a team architects, electrical engineers, structural engineers, sustainability experts and finance experts, execute and deliver a Construction/Infrastructure project within the specified budgets, stopping cost over runs without compromising on the quality.

Employment Areas

- Project Management
- Business Development
- Quantity Surveying
- Cost Management
- Data Management
- Contracts Management
- Contracting Consultants
- Structural Manager
- Civil Project Manager
- Public Project Manager
- Facilities Management
- Coordination Manager
- Site Manager
- Senior Construction Manager
- Project Leader
- Planning Manager
- Design Manager
- Public Project Manager

Companies hiring



Semester 1

- Introduction to Built Environment
- Behavioural Aspects of Built Environment
- Economics for Built Environment
- Business Communication for Built Environment
- Fundamentals of Management Science
- Construction Materials, Methods and Technology
- Electives Anyone of these:
 - 3D Printing
 - Real Estate Sales
 - Property Management
 - Public Infrastructure Projects
- Viva Voce

Semester 2

- Construction Project Software
- Project Development and Pre-Construction, Cost Planning
- Material Procurement and Tendering
- Sustainable Practices in Built Environment
- Construction Quality Assessment
- Human Resources Management
- Residential and Commercial Buildings
- Electives Anyone of these:
 - Real Estate Valuation and Finance
 - Property Management II
 - Public Infrastructure Projects II
- Summer Training

Semester 3

- Construction Contracts and Dispute Management
- Construction Project Planning and Scheduling
- Data Analytics for Built Environment
- Project Monitoring and Control II
- Public Projects II
- New Construction Technologies
- Urban Transportation
- Safety Procedures
- Project Submission
- Global Construction Operations
- Open Elective (Anyone):
Ethics and Leadership for Built Environment
Professional Writing for Built Environment
Digital Technologies and Social Media
Marketing

Semester 4

- Risk Management in Construction Projects
- Building Information Modelling and Management
- Lean Construction Practices
- Marketing Communications and CRM
- Claims and Change Management
- Town and Country Planning
- Affordable Housing
- Project Management Systems and Techniques
- Future Cities
- Internship 8 Weeks
- Project Report