



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

Deemed to be University U/S 3 of the UGC Act, 1956

SCHOOL OF MANAGEMENT



# BUILD YOUR CAREER TOWARDS SUCCESS

Curriculum Designed for the Industry, by the Industry

**MBA in Construction Management**

A 2 years 'Super Specialized' MBA Program.

[ksom.ac.in/supermba](http://ksom.ac.in/supermba)



“To me, a building – if it’s beautiful - is the love of one man, he’s made it out of his love for space, materials, things like that.”  
– **Martha Graham**

## WHY MBA IN CONSTRUCTION MANAGEMENT?

In India, the construction industry is in the starting phase and hence offers vast opportunities to construction management professionals. During the fiscals 2020 to 2025, sectors such as Energy (24%), Roads (19%), Urban (16%), and Railways (13%) amount to around 70% of the projected capital expenditure in infrastructure in India. The NIP was announced in the Union Budget and is aimed at helping India become a \$5 trillion economy by 2025.



### 1. Plethora of Opportunities

Post Graduate candidates specializing in Construction Management could become Planning Engineer, Project Manager, Controllers and Monitors, Procurement and Coordination Executives, Project Cost Estimator, Project Risk Manager, Project Quality Manager, Project Leader, Project Scheduler, Assistant Managers, and Planning Managers in construction companies in collaboration with specialists such as Architects, Structural Engineers, Electrical Engineers, Sustainability Experts, Finance Experts, and others.

“ **Job opportunities are plenty in Large Development Companies, International Consulting Firms, Multinational Firms, Government Sector Organizations & Construction Firms** ”

- **Dr. Saroj Mahapatra**, Director, KSOM



## 2. Huge Scope

Total project capital expenditure in infrastructure sectors in India during the fiscals 2020 to 2025 is projected at over Rs 102 lakh crore. According to the Project Management Institute report, (Project Management Job Growth and Talent Gap 2017-2027) “India will require 70 lakhs new project (construction) managers in next 10 years. India will emerge as the fastest-growing country in the world for project management-oriented employment”.



## 3. Core Skill

**“ As per research as many as 97% of graduate engineers are seeking jobs either in software engineering or core engineering. However, only 3 percent of graduate engineers have the necessary skills to be employed in the product or software market, and close to just 7 percent can handle core engineering tasks ”**

**- Prof. Mohibullah, Program Chairperson  
Construction Management**

## PEDAGOGY

The pedagogy will comprise lectures by specialized faculty, case discussions, and hands-on exposure to relevant software and tools. Concepts will be explained using examples drawn from real life and will cover current trends and market practices. The institution’s education policy is centered on equipping the candidates with adequate tools to approach real-time problems with creative and dynamic, yet industry-relevant solutions.

# KSOM FACULTY



**Prof. Mohibullah**

**Program Chairperson**

B.Tech - B.I.T, Sindri, Dhanbad  
M.Tech - IIT Madras  
Worked at: Larsen & Toubro



**Prof. Surya Narayan Mishra**

B.Arch (IIT Kharagpur)  
PGPM (IIM Lucknow)



**Prof. Bhuwandeep**

B.Tech (Hons) IIT Kharagpur  
PGDBM, IIM Bangalore



**Prof. Joydeep Biswas**

B. Tech (IIT-BHU, Varanasi)  
PGDM (XLRI Jamshedpur)

## BOARD OF STUDIES

Eminent professionals from the industry will share their experiences and enable aspiring students to broaden their vision. Technical talks will be conducted by very senior people from the construction industry.



**Prashant Mewada**

Head  
Projects - DLF Ltd.



**Chandrajit Pati**

Senior Vice President HR  
RIL



**Sameer Gujar**

CEO & MD  
Dirigir



**Shival Manchanda**

Director  
ENIA Design



**Sharwan K. Manocha**

ZED Master Trainer &  
Assessor - MS(QCI), Mgmt Consultant  
ExDirector - Machinery Div.  
KazStroy Service - Kazak



**Dr. C. Jayakumar**

VP & Head (HR)  
LnTECC



**Rakesh Srivastava**

VP  
Jindal Water Infrastructure  
(JWIL)



**Ajay Kumar Singhal**

VP  
GR Infraprojects Ltd

# BOARD OF STUDIES



**Prof. Sarbesh Mishra**  
Professor & Dean  
NICMAR, Hyderabad



**Col Anil Pokhriyal**  
CEO  
MEP Sector Council, NSDC



**Rajiv Nehru**  
InMarket Lead, Asia Pacific  
RICS (Royal Institution of  
Chartered Surveyors), UK



**Dr. Niranjana Swarup**  
Director  
Construction Industry  
Development Council



**Sanjay Roy**  
Sr VP  
Simplex Infrastructures Ltd.



**Tridip Sarma**  
VP  
Patel Engineering Ltd.



**Saroj Nayak**  
Director  
Global Archer Consultancy



**Sachindra Datt Tripathi**  
General Manager - HR  
JMC Projects India Ltd.



**Narayana Rao**  
VP HR  
NCC Ltd.



**Karthikeyan**  
Sr Director  
Cost Competency  
CBRE



**Sujoy Banerjee**  
Group Chief People Officer &  
Head - Marketing  
Gainwell Commosales  
Pvt. Ltd.



**Ashok Tripathi**  
Founder  
EH & S CARES



**Pramod Misra**  
General Manager & Head - HR  
Admin & Corporate Communication  
GR Infraprojects Ltd.



**Prof. Kumar Bijoy**  
Assistant Professor & Chartered  
Financial Analyst  
SSCBS, Delhi University

"It's not the beauty of the building you should look at; it's the construction of the foundation that will stand the test of time."

– *David Allan Coe*

# COURSE MODULE

MBA in Construction Management is covered in 4 semesters. Through classroom learning is given emphasis during the course, students are required to undergo live site visits and do mini projects at various construction project sites for which the information gathered from business/industry is analyzed and presented in the form of reports. Important project management tools like Primavera, MSP, Road Estimator, Calquan, Cost X, MS Excel sessions will be provided to the student to equip them for better managing skills of the projects. Every student in the final semester of the program is required to undertake a project assignment under the guidance of a faculty supervisor. The student should choose a topic on which primary data is to be gathered and analyzed in order to prepare a dissertation, which is evaluated by a panel of experts.

The table below lists the subjects taught in MBA in Construction Management syllabus

SEMESTER-I	SEMESTER-II	SEMESTER-III
<ul style="list-style-type: none"><li>Financial Reporting and Analysis</li><li>Human Resource Management</li><li>OB: Individual / Group Dynamics &amp; OT</li><li>Legal &amp; Ethical Aspects of Business</li><li>Managerial Computing &amp; Software</li><li>Economic Environment of Business</li><li>Concepts &amp; Models in Construction Project Management</li><li>Construction Methods &amp; Technology</li><li>Construction Contract Management, Bidding &amp; Tendering</li><li>Quantity Surveying &amp; Estimation</li></ul>	<ul style="list-style-type: none"><li>Transforming Businesses through IT</li><li>Science &amp; Art of Marketing</li><li>Business Operations &amp; Value Chain</li><li>Logistics, Supply Chain &amp; E-commerce</li><li>Statistics and Business Research</li><li>Strategic Management</li><li>Construction Equipment Management</li><li>Managing Risks in Construction Projects</li><li>Project Quality &amp; Safety Management</li><li>Managing Infrastructure Projects</li></ul>	<ul style="list-style-type: none"><li>Business Development and Project Marketing</li><li>Public-Private Partnership in Infrastructure Development</li><li>Real Estate Development, Marketing &amp; Management</li><li>The Legal Environment of Construction Projects</li><li>Information Technology and Systems for Project Management</li><li>Building Information Modeling</li><li>Construction Materials Management</li><li>Bridge Construction Technology and Management</li><li>Roads and Highway Project Development</li><li>Port Infrastructure Construction &amp; Management</li><li>Management of Oil and Gas Projects</li><li>Management of Underground Construction and Marine Structures</li><li>Green Construction Management</li><li>Project Formulation and appraisal</li></ul>
<b>Workshops</b> <ul style="list-style-type: none"><li>Project planning &amp; Scheduling using Primavera P-6/MSP.</li><li>Quantity takeoff using Road Estimator/Calquan/Cost X</li><li>Managerial Skills</li><li>Intelligent Bin for Smart Cities; IoT, AI</li><li>Hands on experience on Budget Preparation, Mobilization &amp; Demobilization, Activity Duration based exercises</li></ul>		
<b>SEMESTER-IV</b>	<b>10-20 WEEKS OF IMMERSION INTERNSHIP</b>	

**Candidate Eligibility:** 60% career with graduation in Architecture, Civil Engineering, Design Engineering, Industrial Engineering, Mechanical Engineering, Structural Engineering, Electrical Engineering, Electronics & Instrumentation. Other engineering branches may apply too. Apply through your CAT/MAT/XAT/CMAT/KIITEE Management/KIITEE score. Working professionals may apply too.

Prior work experience will carry additional weightage in selection. Total Seats - 30

**APPLY NOW**