

# **Management Development Programme**

## **NICMAR, Hyderabad**

### **PROJECT ESTIMATION AND COST CONTROL**

**20, 21, 22 January 2023**

*Hybrid Mode*

*(Offered in both Online and Offline Modes)*



#### **Programme Coordinator**

**Dr. Sarbesh Mishra**

Professor

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**National Institute of Construction Management and Research (NICMAR)**

#7-06, Shiksha Vihar, Jaganguda, Shamirpet(M), Hyderabad PIN-500101

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## **INTRODUCTION**

Estimating is an art and science of historical data, personal expertise, institutional memory, and the project scope statement to predict the resource expenditure, total cost and duration of a project. When the project is conceived, the estimate is extremely inaccurate because very little information is available about the expected deliverables, the project team, and the project environment. But, as the project evolves and more information becomes available, the estimate can be fine-tuned to a higher level of precision. Details of the objective, scope, quality, and desired delivery date are necessary for a comprehensive and accurate estimate. The most common categorizations of estimates for external and internal project includes Conceptual, Final, Order of magnitude, Capital cost, Feasibility, Appropriation, Preliminary, etc. Cost Management for the construction industry, plays a crucial role. With ever increasing prices of raw materials, immense labour costs, under bids in view of competition, insolvency of the clients, extra works, higher attrition, etc. brings in new complexities to the construction sector. Thus, it has become imperative for Project Managers, Planners, Executives, Finance managers & Engineers to become proficient in handling these issues by making a finance sense.

NICMAR Hyderabad has developed this customized program to empower the construction managers in understanding project scope, resource allocation, attributes of the deliverables, expected budget, team structure, risk mitigation techniques, etc.

## **OBJECTIVES**

The Programme is designed to fulfill the following training objectives:

- To enhance the knowledge of construction professionals in the areas of estimation and cost management.
- To devise a deliverable work break down structure that facilitates the integration of project plans for time, resources, and quality with a reasonable degree of reliability.
- Preparing near actual budgets with the help of estimation models.

## **TARGET GROUP**

Working professionals having 3-7 years of experience in the field of construction

## **WHO WILL BENEFIT**

- ✓ Project Managers
- ✓ Construction Planning Engineers
- ✓ Contractors & Site Engineers
- ✓ Billing and claims personnel
- ✓ Planning / finance executives
- ✓ Students of Engineering & Architecture

## **CERTIFICATE**

Participants will be awarded NICMAR's Executive Education Certificate

# GENERAL INFORMATION

## FACULTY

NICMAR faculty and experts from the industry

## PROGRAMME FEE ( Residential, Non-residential, Online)

- Rs. 7,500/- for Online Participants + GST @ 18%
- Rs. 10,500/- for Non-residential Participants + GST @ 18%

**A discount of 10% on the programme fee, is offered on a bulk nomination of THREE and above**

## ACCOMODATION ( Residential participants)

- Rs. 5160/- (Including GST @12%). The cost includes air-conditioned accommodation in **DOUBLE OCCUPANCY** (for 3 days/2 nights) at our MDC executive facility for 3 days.
- Rs. 7,848/- (Including GST @12%). The cost includes air-conditioned accommodation in **SINGLE OCCUPANCY** (for 2 nights) at our MDC executive facility for 3 days.

## NOTE

- (i) Programme fee includes study material, training kit with stationery, etc., working lunch & refreshments during the training. The Institute's State-of-Art Library and Computer Facilities will be accessible to the participants.
- (ii) Online participants shall be provided with an e-certificate of participation. Online participants needing physical (hard) copy of certificates shall pay Rs. 500 incl. GST (extra) towards printing, admin, postage and handling charges.
- (iii) Fee once paid is non-refundable.

**DATES**     **20, 21, 22 January 2023 (Friday, Saturday, Sunday)**

## VENUE

Management Development Center (MDC),

**National Institute of Construction Management and Research (NICMAR)**

#7-06, Shiksha Vihar, Jaganguda, Shamirpet(M), Hyderabad PIN-500101

Tel: (B) 040 67359500; 9553196952; [mdp.hyd@nicmar.ac.in](mailto:mdp.hyd@nicmar.ac.in)

## HOW TO REGISTER

- Fill in the Registration Form enclosed.
- Draw a Demand Draft in favor of "NICMAR" payable at par
- Mail the Registration Form along with the Draft to the address given above.  
OR
- Transfer of the requisite programme fee to the bank, details provided in the registration form. Email the registration form along with payment confirmation details to [mdp.hyd@nicmar.ac.in](mailto:mdp.hyd@nicmar.ac.in)

## BRIEF PROFILE OF PROGRAMME COORDINATOR



**Sarbesh Mishra, Ph.D, Professor and Dean - School of Executive Education, Placements and Industry Relations** is a Professor with NICMAR since 2007. With a strong Commerce and Management academic background, his career took off with him pursuing research in the field of Infrastructure i.e. a sector in which he subsequently acquired his M.Phil and PhD. His experience spawns working with the Power Management Institute (PMI) - NTPC Ltd, NOIDA, University of Delhi and the Army Institute of Management and Technology (AIMT), Greater NOIDA. In pursuance of academic research, he regularly presents research papers and case analysis in national and international conferences. Notable among these are papers presented at the Russian Academy of Sciences (RAS), St. Petersburg, Russia and at the National University of Singapore on invitation, apart from many publications and presentations in different institutes / universities in India. M/s Vikas Publishing has published his book on “Working Capital Management”, “Insurance and Risk Management” which is widely adopted by several institutes / universities. He has conducted several executive education training sessions in his areas of specialization in the field of Infrastructure, Project finance, Building Economics and Project Cost Management. He is known for his uncanny ability to enthrall the audience by linking the training sessions with practical case studies.

### **PARTICIPANT TESTIMONIALS**

- *Entire training programme is WOW for me. I think it's great that I had an opportunity to learn from all the talented and knowledgeable faculties. Whatever I had learnt here it's really worth for my career aspect as a Billing Engineer. Also, I would like to say WOW for all faculties of NICMAR, campus of NICMAR, Food & Accommodation facilities provided by NICMAR ... **Ashutush Ghosh, Engineer (Billing), Shapoorji Pallonji***
  - *This is excellent for my carrier. I learnt lot of things in the construction field like budget preparation, costing and estimation models. Kindly request you to arrange another programme for budget, estimation, project report preparation... **B. Balamurugan, Asst. Mgr-Planning, Elite Engineering & Constructions Pvt. Ltd., Hyderabad,***
  - *I feel many times proud that I am present in NICMAR Training. All of the faculties have vast knowledge about their field. They present lots of examples for guiding us ... **Aditya Kumar Vishwas, Engineer, SPCL***
  - *I got a lot of new concepts which will help me to open my career doors in my dream and to achieve my dreams ... **Sheikh Faqhrul Amin, Assistant Engineer Billing, SPCL***
  - *I am very happy to note that the three days of the MDP was programmed in such a way that it is very useful not only for young engineers but it is very much useful for the senior manager level people of the industry to upgrade their professional skills... **Ch. Ganesh Kumar, Sr. Quantity Surveyor, Davis Langdon, Hyderabad***
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## GLIMPSES OF MANAGEMENT DEVELOPMENT CENTRE, NICMAR, HYDERABAD



## PROGRAMME SCHEDULE

Date\Day Time	20 January 2023 Friday	21 January 2023 Saturday	22 January 2023 Sunday
9.00-9.30	<i>Registration &amp; Inauguration</i>		
9.30-10.30	Introduction to Project Selection Criteria	Cost Estimation – Tools & Techniques	CAPEX Decisions
10.30-10.50	<i>Tea Break</i>		
10.50-11.50	Work Breakdown Structures	Cashflow and Working Capital Management	Value Engineering
12.00-13.00	Resource Break-down Structure: Way to achieve Project Objectives	Earned Value Analysis with Microsoft Project	Legal aspects in Infrastructure Projects
13.00-14.00	<i>Lunch Break</i>		
14.00-15.00	Risk Based Cost Control	Earned Value Analysis with Microsoft Project	Supply Chain Management Challenges & Instruments
15.00-15.20	<i>Tea Break</i>		
15.20-16.20	An Insight into Estimating and Progress Monitoring Models	Life Cycle Costing and Sustainability	Cost monitoring & control in Projects
			<b>Valedictory &amp; Feedback (16.30 hrs onwards)</b>

**THIS PROGRAMME WILL BE DELIVERED BY SENIOR FACULTY OF NICMAR AND INDUSTRY EXPERTS**

**NICMAR, Hyderabad - Executive Development Programmes****REGISTRATION FORM****PROJECT ESTIMATION AND COST CONTROL**  
**20, 21, 22 January 2023 (Friday, Saturday, Sunday)****Nomination(s)**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No. \_\_\_\_\_

E-mail: \_\_\_\_\_

**Programme Fee (Please tick the appropriate option)**

- Rs. 8,850/participant (Including GST@18% for ONLINE participation)  
 Rs. 12,390/ participant (Including GST@18% for OFFLINE participation)

**Accommodation Fee (Please tick the appropriate option)**

- Rs. 5,160/head Including GST@12% for **Double Occupancy**  
 Rs. 7,848/head Including GST @12% for **Single Occupancy**

***A discount of 10% on the Programme Fee is offered on a  
Bulk Nomination of THREE and Above!!***

**Payment Options (Please tick the appropriate option)**

- Internet Banking (Bank details for NEFT/RTGS are given below:**

Bank Name: Union Bank of India  
Branch/Address: Jaggamguda Branch, NICMAR Campus,  
Account Name: NICMAR  
**Bank Account No. 2618 1010 0000779** (Savings Account)  
IFSC Code: UBIN0826189

- Demand Draft, drawn at par, in favor of NICMAR, payable at Hyderabad.**

**Internet Banking/ NEFT Details:**

Transaction Confirmation No. /UTR No. : \_\_\_\_\_

Amount : Rs. \_\_\_\_\_ Date of payment : \_\_\_\_\_

Bank Name : \_\_\_\_\_

**D.D. Details :**

D.D. No. \_\_\_\_\_ Amount Rs. \_\_\_\_\_ Date: \_\_\_\_\_

Bank Name: \_\_\_\_\_

Name:

Designation:

Signatures:

Place:

Date :

*(Multiple photocopies of the form can be used, if required)*