

**VISION AND MISSION**

**VISION :** "To be the thought leader in Industrial Engineering education and research, and partner in the manufacturing renaissance of the nation."

**MISSION :** "To advance transformative education and industry-inspired research in Industrial Engineering."

**ABOUT NITIE**

NITIE was incepted in 1963 to deliver a unique mission raising the productivity of India's industries and to make their limited resources gainfully utilized. Aided by ILO, the Government of India set up NITIE as the only training institute that sought to skills and competencies in the domain of operations and supply chain, materials management, work study, inventory control, shop floor management and personnel management to professionals of India's industry.

Having established itself in industrial training, the institute launched its first Post Graduate Programme in Industrial Engineering (PGDIE) in 1971, to teach graduates of engineering, the methods, and techniques of industrial engineering. Subsequently, with its qualitative and quantitative teaching capabilities ably strengthened and considering the growing requirement of industry, NITIE introduced two-year full time Post Graduate Programme in Industrial Management (PGDIM) in 1994 and subsequently started full time Post Graduate Programme in Industrial Safety and Environmental Management (PGDISEM) in 2001.

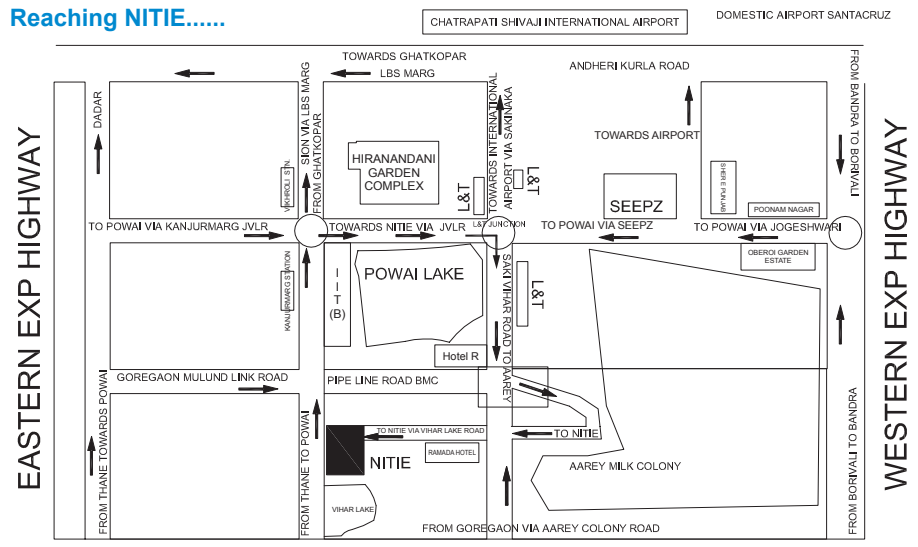
NITIE also offers fellow programme at Doctorate level recognized as equivalent to Ph.D. of an Indian University.

NITIE has been conducting announced one year Post Graduate Program for Executives-Visionary Leadership for Manufacturing from September 2017. Details of all the PGD program & PGPEX programs are available on NITIE website.

Along with higher education in the field of management, today NITIE is vigorously engaged in executive education, industrial consultancy, sponsored and applied research projects. NITIE aspires to provide executive talent to help India manage emerging technologies. To this end, in its pedagogy NITIE has carefully crafted an unmatched blend of classroom education in such technologies, management principles and hands-on practice.

NITIE is administered through a Board of Governors representing industry, government, labour, and professional bodies with Shri. Shashi Kiran Shetty, as Chairman and Prof. Manoj K Tiwari as Director.

**Reaching NITIE.....**



**WEATHER IN MUMBAI**

Winter (November to February)	: Low temperatures, dry & cool weather. Min.Temp. 10°C.
Summer (March to May + October)	: Humid & hot climate. Maxi.Temp.42°C.Cotton clothes and sun protective things preferable
Monsoon (June to September)	: Heavy rainfall. Umbrella/ Rain-wear a must.

**RAILWAY STATION**

Chhatrapati Shivaji Terminus (C.S.T)	29 KM	Bandra Terminus	18 KM	Vikhroli	10 KM
Mumbai Central	24 KM	L.T.T. (Kurla)	13 KM	Kanjurmarg	9 KM
Dadar	21 KM	Andheri	11 KM		

**AIRPORTS**

Chhatrapati Shivaji Domestic Airport	13 KM	Chhatrapati Shivaji International Airport	9 KM
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**National Institute of Industrial Engineering (NITIE), Mumbai**

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**COURSE BROCHURE**

**CONTRIBUTING TO NATION BUILDING**

**2021-22**

**MANAGEMENT  
DEVELOPMENT  
PROGRAMME (MDP)**



**OPERATIONAL EXCELLENCE -  
THE WAY TO ACHIEVE IT**

**Programme Code: 1 22 4 49  
(07-03-2022 to 11-03-2022)**

**COURSE CO-ORDINATORS**

**Prof. Rakesh Raut  
Prof. Ravindra Gokhale**

**NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING (NITIE)**

*Nurturing Industry Towards Excellence*

# OPERATIONAL EXCELLENCE - THE WAY TO ACHIEVE IT

## About the Programme

To achieve operational excellence in the contemporary scenario, organizations have to look beyond mere shop-floor control. An end-to-end view is required – right from sourcing to manufacturing to finally delivering goods/services to the consumer. A high level decision-oriented approach is required. A variety of tools is required for this purpose – right from understanding the basic building block of operations – which is the “process” to accurate measurement of the operational performance so that future actions can be formulated. The program is targeted towards middle level executives who will be able to re-orient themselves towards high-impact decision making for achieving operational excellence.

## Objective of the Programme

The objectives of the programme are:

- Discuss the basic understanding of operations – process, capacity, and process design.
- Discuss the role of forecasting, inventory and planning in Operations Analysis.
- Analyse the impact of Lean tools like Value Stream Mapping to enable the organizations achieve an edge over their competitors
- Provide metrics and benchmark for accurate measurement of operational excellence.
- Develop an improvement plan.
- Apply the tools discussed for selected areas using practical examples.

## Coverage

- Production and operations planning hierarchy
- Product process matrix, process design, process and capacity analysis
- Forecasting basics
- Inventory Planning and Control
- Toolbox for improving operational efficiency – Value stream mapping, Line balancing, Six sigma
- Metrics and Benchmarks in accurately estimating Operational Excellence
- Potential improvement areas and Case studies.

## For Whom Meant

Middle level executives of manufacturing and service organizations.

## Course Details

Venue	:	Online
Duration	:	15 Hrs
Starts on	:	07-03-2022 to 11-03-2022
Faculty	:	Prof. Rakesh Raut / Prof. Ravindra Gokhale

## Fee Details

Duration	Professional Fee* (Per participant)	GST (18%)	Total Fees (Per Participant)	Programme Code
15 Hrs	₹7,000	₹1,260	₹8,260	1 22 4 49

SBI Payment Link: <https://tinyurl.com/8dzsc88w>

## Discount

No. of Participants from same organization	Discount for Participants (₹)
3 and above	10%

**\*Discount is applicable as per above table on professional fee.**

### Refund Rules

Fees once paid can be adjusted for 2 financial years against future nominations only. In case a course is cancelled on account of inadequate participation or any other unforeseeable reasons, the participants will be informed of the cancellation by e-mail or Fax and the fee will be refunded. NITIE will not be liable for any other expenses incurred by the company or the participant.

### Eligibility

Person with relevant experience and holding a responsible position in Industry

### Enrolment

Fee can be sent through ECS/NEFT or by Demand Draft drawn in favour of “NITIE, Mumbai” addressed to Prof. I/C.- Industry Connect, SRIC Office, National Institute of Industrial Engineering (NITIE), Vihar Lake, Mumbai – 400 087.

### For queries and support related to Sponsored Research & Industrial Consultancy contact:

#### Sponsored Research and Industrial Consultancy (SRIC) Office

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