

# NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING (NITIE)



## ANNOUNCES

### MANAGEMENT DEVELOPMENT PROGRAMMES

**APRIL 2023 - MARCH 2024**

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**SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY (SRIC)**

**Vihar Lake, Mumbai – 400 087**

**Phone No:**

**(022) 2803 5269 / (022) 2803 5275**

**E-mail:**

**[program@nitie.ac.in](mailto:program@nitie.ac.in) / [pic.eed@nitie.ac.in](mailto:pic.eed@nitie.ac.in) / [dean.sric@nitie.ac.in](mailto:dean.sric@nitie.ac.in)**

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***NURTURING INDUSTRY TOWARDS EXCELLENCE***

# 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.

From the Academic year 2014-15, NITIE has started two Programmes viz, Post Graduate Diploma in Project Management (PGDPM) and Post Graduate Diploma in Manufacturing Management (PGDMM) to meet the growing demands of industry.

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.

# SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY (SRIC)

India is one of the fast-developing economy and it offers huge opportunities for people to contribute and to economic development and increase the standard of livings. NITIE is trying to contribute its 'squirrel role' to bring industrial revolution in the country. The SRIC department at NITIE plays a vital role in the industry outreach activities.

Applied Research plays a significant role in creating knowledge and thus contribute to industry and society. With a wide diversity of research expertise available within the Institution, NITIE, Mumbai is geared to take up leadership through Sponsored Research and Industrial Consultancy (SRIC) across the domain of Industrial engineering and management.

Sponsored Research & Industrial Consultancy (SRIC) of NITIE, Mumbai has been undertaking the sponsored research activities, funded through various agencies along with the executive education & consultancies for the industry. The activities start from proposal submission, project management including accounting, recruitment of research personnel, interactions with the funding agency, protection of IPR and technology transfer. Additionally, SRIC plays a very vital role in new research initiatives of the Institute and implementation of various national initiatives such as NEP.

SRIC provides the external linkages with industry, academia, and government bodies to strengthen the knowledge creation and dissemination.

## SRIC AT NITIE FOCUSES ON THE FOLLOWING

- *Executive Education:*
  - To design and conduct Managerial Development Program (MDPs) and Unit Based Program (UBPs) on contemporary topics.
  - To advance transformative education and industry-inspired research in industrial engineering and management.
  
- *Project & Consultancy Services:*
  - To undertake applied industry research projects (self and externally funded) in the contemporary topics/ areas aligned with industrial requirement and society at large.
  - To leverage our current strengths and capacity building through externally funded projects.
  - To expand our activities through outreach activities by creation of knowledge, transfer and capability building of Industry by designing company specific programs to enable industry to perform at optimum levels.
  - To provide Consultancy services targeted towards application of knowledge to solve industry specify problems and enable them to achieve their strategic, tactical & operational goals.
  
- *Research & Development:*
  - To foster strong links with industry for applied and collaborative research, and contribute towards technology transfer, and specialized human resource development. Further, promoting commercialization and application of technologies and inventions.
  - To identify and protect intellectual property rights developed across through the various initiatives at the Institute.
  - To facilitate access to research, expertise and technology databases and dissemination of information through publication of research journal Udyog Pragati - *The Journal for Practicing Managers*.
  - To develop and nurture international linkages for research and development through MoU's.

# MANAGEMENT DEVELOPMENT PROGRAMME 2023 – 24

FOR PRACTISING MANAGERS, ENGINEERS, PROFESSIONALS AND ADMINISTRATORS

PROGRAMME CODE	TITLE OF THE PROGRAMME	COURSE LEADER/S	DURATION OF THE PROGRAMME	ONLINE OR OFFLINE	START DATE (DD-MM-YYYY)
1 24 1 01	Management of Intellectual Property (IP) for Gaining Competitive Advantage (Creation, Protection and Leveraging of IP)	B. Koteswara Rao Naik	30 Hrs. (5 Days)	OFFLINE	03-04-2023
1 24 1 07	Financial Time Series Modelling (Theory and Application)	Prof. Ajaya Kumar Panda / Rakesh Verma	12 Hrs. (2 Days)	ONLINE	09-06-2023
1 24 1 08	Accelerating Growth Through Innovation and Business Analytics	Vartika Srivastava / Ruchita Gupta	12 Hrs. (2 Days)	ONLINE	12-06-2023
1 24 1 09	Simulation for Operations Analytics and Managerial Decision Making	Vivek Khanzode	12 Hrs. (2 Days)	OFFLINE	26-06-2023
1 24 2 10	Supply Chain Digital Twins, Transparency and Trust	Vijaya Kumar Manupati / Vartika Srivastava	12 Hrs. (2 Days)	ONLINE	15-07-2023
1 24 2 11	AI/ML Driven Customer Relationship Management	Purnima Sangle / Neeraj Pandey / Debabrata Das	18 Hrs. (3 Days)	ONLINE	17-07-2023
1 24 1 05	Tugging at Heartstrings & Engaging the Brain: The Art & Science of Storytelling	Megha Gupta	12 Hrs. (2 Days)	ONLINE	24-07-2023
1 24 2 12	Hazards Identification and Risk Analysis in Industries (A Qualitative and Quantitative Risk Assessment Approaches)	Vidyadhar V. Gedam	12 Hrs. (2 Days)	ONLINE	24-07-2023
1 24 2 13	Project Risk Analytics	Ruchita Gupta / Vivekanand Khanapuri	18 Hrs. (3 Days)	ONLINE	24-07-2023
1 24 2 14	Intellectual Property (IP) Analytics: A Strategic Tool for Gaining Competitive Business Advantage	B. Koteswara Rao Naik	18 Hrs. (3 Days)	OFFLINE	01-08-2023
1 24 1 03	Digital Twin in the Context of Manufacturing and Supply Chain Management	Amit Kumar Das	12 Hrs. (2 Days)	ONLINE	07-08-2023
1 24 2 15	Business Competitiveness Through Operational Excellence	Balkrishna Narkhede	18 Hrs. (3 Days)	OFFLINE	07-08-2023
1 24 2 16	Leadership and Team Building	D. K. Srivastava	18 Hrs. (3 Days)	OFFLINE	07-08-2023
1 24 1 04	ESG for Corporates	Hema Diwan	12 Hrs. (2 Days)	ONLINE	08-08-2023
1 24 2 17	Sustainability Leadership Strategies: ESG Investment Paradigms	Binilkumar Amarayil Sreeraman / Hema Diwan	18 Hrs. (3 Days)	ONLINE	09-08-2023
1 24 2 18	Application of Time Series Modelling for Business Forecasting	Poonam Singh / Ajaya Panda	18 Hrs. (3 Days)	ONLINE	11-08-2023
1 24 2 19	Risk Assessment, BBS and DMP	Vidyadhar Gedam / Seema Unnikrishnan / Shankar Murthy	18 Hrs. (3 Days)	ONLINE	21-08-2023
1 24 2 20	Marketing Strategy for Industrial Products	Manoj Kumar Jha	18 Hrs. (3 Days)	OFFLINE	21-08-2023
1 24 4 77	Managerial Decision Making	Vijaya Gupta / Utpal Chattopadhyay	30 Hrs. (5 Days)	OFFLINE	21-08-2023
1 24 2 21	People Analytics	Sumi Jha	18 Hrs. (3 Days)	ONLINE	28-08-2023
1 24 2 22	Strategic Project Management	B. Koteswara Rao Naik	30 Hrs. (5 Days)	OFFLINE	04-09-2023
1 24 4 70	Case Development and Writing	Neeraj Pandey	18 Hrs. (3 Days)	ONLINE	04-09-2023
1 24 4 78	Excellence in Communication	Nikhil K. Mehta	18 Hrs. (3 Days)	OFFLINE	04-09-2023
1 24 2 23	Managerial Decision-Making through System Simulation	P. Acharya / M. S. Mahapatra	18 Hrs. (3 Days)	OFFLINE	07-09-2023

1 24 2 24	Circularity in Supply Chain Management	Seema Unnikrishnan / Shirish Sangle / Vidyadhar V. Gedam	18 Hrs. (3 Days)	ONLINE	11-09-2023
1 24 1 02	ESG # Impact Investing	Hema Diwan / Binilkumar Amarayil Sreeraman	12 Hrs. (2 Days)	ONLINE	14-09-2023
1 24 2 25	Excelling Service Operations	Rofin T M	18 Hrs. (3 Days)	OFFLINE	18-09-2023
1 24 2 26	Decision Making Under Disruption	Rakesh Verma / Ajaya Kumar Panda	18 Hrs. (3 Days)	ONLINE	25-09-2023
1 24 3 27	Managerial Leadership and Team Building for Senior Managers	Prasad T	18 Hrs. (3 Days)	ONLINE	11-10-2023
1 24 3 28	Financial Analytics with Time Series Modelling and Neural Networks	Ajaya Kumar Panda / Rakesh Verma	12 Hrs. (2 Days)	ONLINE	13-10-2023
1 24 4 79	Building Business Sensitivity on Stakeholder Marginalisation	Nikhil K Mehta	12 Hrs. (2 Days)	OFFLINE	16-10-2023
1 24 3 29	ESG Implications on Sustainable Finance: What Finance and Non-Finance Executives Must Know	Vipul Kumar Singh / Vidyadhar Gedam	12 Hrs. (2 Days)	OFFLINE	22-10-2023
1 24 4 71	Strategic Pricing	Neeraj Pandey	18 Hrs. (3 Days)	ONLINE	23-10-2023
1 24 3 30	Creating Value Through Innovation and Technology Transfer Analytics	Ruchita Gupta	18 Hrs. (3 Days)	ONLINE	30-10-2023
1 24 3 31	Winning Competitive Edge using Machine Learning in Marketing	Sanjeev Verma / Vartika Srivastava	18 Hrs. (3 Days)	ONLINE	20-11-2023
1 24 3 32	Data Analytics for High Level Decision Making	Rakesh Verma	18 Hrs. (3 Days)	ONLINE	20-11-2023
1 24 3 33	Managerial Skills for Technical Personnel	D. K. Srivastava	18 Hrs. (3 Days)	OFFLINE	20-11-2023
1 24 3 34	Digital Analytics, Modelling, and Simulation for Port Management	Veepan Kumar / Vijaya Kumar Manupati	18 Hrs. (3 Days)	ONLINE	20-11-2023
1 24 3 35	Dynamic Pricing for Revenue Management	Rofin T M / Maheswar Singha Mahapatra	18 Hrs. (3 Days)	ONLINE	21-11-2023
1 24 3 36	Digital Trusts for the Enterprises	Amit Kumar Das / Purnima Sangle	12 Hrs. (2 Days)	ONLINE	21-11-2023
1 24 1 06	RECs and Corporate Energy Procurement Mechanism	Hemachandra Padhan / Binilkumar Amarayil Sreeraman	18 Hrs. (3 Days)	ONLINE	22-11-2023
1 24 3 37	Entrepreneurial Learning methods for Higher Education Faculty Members	Prasad T	18 Hrs. (3 Days)	ONLINE	22-11-2023
1 24 4 72	Applications of AI/ML in Operations & Supply Chain Management	Priyanka Verma / Sushmita Narayana / Debabrata Das	18 Hrs. (3 Days)	ONLINE	25-11-2023
1 24 3 38	ESG Performance Management	Shirish Sangle / Vidyadhar Gedam	18 Hrs. (3 Days)	ONLINE	27-11-2023
1 24 3 39	Business to Business Marketing	Manoj Kumar Jha	18 Hrs. (3 Days)	OFFLINE	04-12-2023
1 24 3 40	Developing Resilient Supply Chain	Maheswar Singha Mahapatra	18 Hrs. (3 Days)	ONLINE	05-12-2023
1 24 3 41	Demystifying Capital Markets: What Finance and Non-Finance Executives Must Know	Vipul Kumar Singh	12 Hrs. (2 Days)	OFFLINE	10-12-2023
1 24 3 42	Customer Insights for Competitive Edge Using Machine Learning	Sanjeev Verma / Vartika Srivastava	18 Hrs. (3 Days)	ONLINE	11-12-2023
1 24 3 44	EHS and ESG: Compliances for Corporates	Seema Unnikrishnan / Hema Diwan	12 Hrs. (2 Days)	ONLINE	11-12-2023
1 24 3 43	Corporate Strategies for Sustainable Energy Transition	Hemachandra Padhan / Binilkumar Amarayil Sreeraman	18 Hrs. (3 Days)	ONLINE	13-12-2023
1 24 3 45	Managerial Decision Making	L. Ganapathy	12 Hrs. (2 Days)	ONLINE	23-12-2023
1 24 4 46	Lean Thinking for Competitive Advantage in the Era of Industry 4.0	Balkrishna Narkhede / Milind Akarte	18 Hrs. (3 Days)	OFFLINE	08-01-2024

1 24 4 47	A way for Intelligent Enterprise using Analytics	Ruchita Gupta / Purnima Sangle	12 Hrs. (2 Days)	ONLINE	08-01-2024
1 24 4 80	संप्रेषण कुशलता (Excellence in Communication)	निखिल केवल कृष्णा मेहता	12 Hrs. (2 Days)	OFFLINE	08-01-2024
1 24 4 48	Economic Strategies for Modern Retail Business	Binilkumar Amarayil Sreeraman	18 Hrs. (3 Days)	ONLINE	10-01-2024
1 24 4 74	Negotiations for Excellence in Sourcing & Procurement	Upasna A Agarwal / Sushmita Narayana	12 Hrs. (2 Days)	ONLINE	12-01-2024
1 24 4 49	Work Study (Method Study and Work Measurement)	Milind Akarte	12 Hrs. (2 Days)	ONLINE	13-01-2024
1 24 4 50	Marketing Analytics for Competitive Advantage	Sanjeev Verma / Vartika Srivastava	18 Hrs. (3 Days)	ONLINE	15-01-2024
1 24 4 51	ESG Leadership Development	Shirish Sangle / Vidyadhar Gedam	18 Hrs. (3 Days)	ONLINE	15-01-2024
1 24 4 52	Operational Excellence - The Way to Achieve It	Ravindra Gokhale / Rakesh Raut	18 Hrs. (3 Days)	ONLINE	17-01-2024
1 24 4 53	Corporate Strategies for Business Success	Utpal Chattopadhyay / Binilkumar Amarayil Sreeraman	18 Hrs. (3 Days)	ONLINE	17-01-2024
1 24 4 54	Manufacturing Strategy in a Post Covid-19 Era	Balkrishna Narkhede / Rakesh Raut	18 Hrs. (3 Days)	OFFLINE	22-01-2024
1 24 4 73	Product Management	Neeraj Pandey	12 Hrs. (2 Days)	OFFLINE	22-01-2024
1 24 4 76	Understanding Economic Indicators for Managerial Decision Making	Mainak Mazumdar	30 Hrs. (5 Days)	ONLINE	22-01-2024
1 24 4 55	Decision-Making for Trust-Worthy Technologies	Amit Kumar Das / Purnima Sangle	12 Hrs. (2 Days)	ONLINE	23-01-2024
1 24 4 56	Production Planning and Control	Ravindra Gokhale / Rakesh Raut	18 Hrs. (3 Days)	ONLINE	29-01-2024
1 24 4 57	Decision Optimisation for Business	P. Acharya / M. S. Mahapatra	18 Hrs. (3 Days)	OFFLINE	01-02-2024
1 24 4 58	Inclusion as Strategy: Unison of HR, Marketing & Analytics	Megha Gupta / Vartika Srivastava	12 Hrs. (2 Days)	ONLINE	05-02-2024
1 24 4 59	Lean and Agile Supply Chain	Ravindra Gokhale / Rakesh Raut	18 Hrs. (3 Days)	ONLINE	07-02-2024
1 24 4 60	Strategic Manufacturing Management	Milind Akarte	12 Hrs. (2 Days)	ONLINE	10-02-2024
1 24 4 61	Demystifying Derivatives: What Finance and Non-Finance Executives Must Know	Vipul Kumar Singh	12 Hrs. (2 Days)	OFFLINE	11-02-2024
1 24 4 62	Experimentation Design for Innovation and Business Growth	Sanjeev Verma / Vartika Srivastava / Megha Gupta	18 Hrs. (3 Days)	ONLINE	12-02-2024
1 24 4 63	Data Analytics for Corporates	Hemachandra Padhan	12 Hrs. (2 Days)	ONLINE	12-02-2024
1 24 4 64	Decision Making under Risk and Uncertainty	Ajaya Kumar Panda	18 Hrs. (3 Days)	ONLINE	12-02-2024
1 24 4 65	Corporate Reporting: Integrating NET ZERO Paradigm with Sustainability Disclosures	Binilkumar Amarayil Sreeraman / Hema Diwan	18 Hrs. (3 Days)	ONLINE	14-02-2024
1 24 4 66	Project Management	L. Ganapathy	12 Hrs. (2 Days)	ONLINE	19-02-2024
1 24 4 75	Marketing Analytics	Neeraj Pandey	18 Hrs. (3 Days)	ONLINE	19-02-2024
1 24 4 67	Sourcing and Procurement Strategy	Ravindra Gokhale / Rakesh Raut	18 Hrs. (3 Days)	ONLINE	21-02-2024
1 24 4 68	Market Risk Analytics (Theory and Application)	Poonam Singh	12 Hrs. (2 Days)	ONLINE	23-02-2024
1 24 4 69	Demystifying Fixed Income Markets: What Finance and Non-Finance Executives Must Know	Vipul Kumar Singh	12 Hrs. (2 Days)	OFFLINE	24-03-2024

**Note:** The Non-Residential & Residential offline MDP Programmes will attracting additional Charges and will be communicated later to the organization/ Participant/s.

**Registration Link:** <https://forms.office.com/r/htcZeNz75D>

**COURSE FEE DETAILS:**

No. of Days	Duration	Professional Fee* (Per participant)	GST (18%)	Total Fees
2	12 Hrs	₹6,500.00	₹1,170.00	₹7,670.00
3	18 Hrs	₹10,500.00	₹1,890.00	₹12,390.00
5	30 Hrs	₹17,500.00	₹3,150.00	₹20,650.00

**DISCOUNTS:**

No. of Participants from same organization	Discount for Participants (₹)
3 and above participants from same organization for individual MDPs	10% (on the Professional Fee)

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

**Note:** The Non-Residential & Residential offline MDP Programmes will attract additional Charges and will be communicated later to the organization/ Participant/s.

**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**

Following details may be sent to us for enrolment: Name, Designation, Age, Qualification, Experience (years) and the present functions. 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**

National Institute of Industrial Engineering (NITIE), Vihar Lake, Mumbai - 400 087

Phone: (022) 2857 3371 / 2803 5269 / 2803 5275.

E-mail: [program@nitie.ac.in](mailto:program@nitie.ac.in), Website: [www.nitie.ac.in](http://www.nitie.ac.in)



## UNIT BASED PROGRAMMES

### **Every organization faces the continuous challenges of:**

- Keeping pace with latest concepts and techniques indifferent fields.
- Providing training support in specific areas to specific groups.
- Enthusing employees for further training and influencing their attitudes.
- Working for still higher productivity.

### **NITIE assists the organizations through its Units Based Programmes which:**

- Cover the latest concepts and techniques indifferent field of functional and general management.
- Are designed to meet identified training needs that will influence the attitude of employees and make them learning- oriented.
- Are continuously updates with the experience gained in increasing productivity indifferent organizations

### **NITIE's Goals for United Based Programmes:**

NITIE helps to increase the Enterprise's effectiveness through the following objectives:

- Diagnose and assess training needs in different functional areas, and design the training programme, adding the latest concepts and techniques in the relevant filed of management.
- Identify areas for productivity improvement and enable the executives and employees to apply the knowledge, gained, to real- life problems in their organization.
- Increase enterprise effectiveness through in-company programmes to meet the specific needs of the organization.
- Create an awareness of the value of training and bring about a change in the attitude of the employees.
- Maintain a close linkage and liaison with the business and industry in relation to the training to be imparted a different level.

### **NITIE's approach to Unit Based Programmes**

NITIE faculty conduct Pre- Training Survey (PTS) for 1 or 2 days. (if necessary), to assess training needs of organization. Programmes designed and implemented on the basis of a PTS create more interest to the participants in the sessions and increase the worth and effectiveness of the training. PTS also helps to identify appropriate duration of the programme. Thus, PTS enable to collect the necessary inputs for the programme relating to the organization. After the PTS is over, NITIE team of faculty who conduct the study, draw up a programme schedule mutually acceptable to the organization and NITIE. On confirmation thereof, the programmes are conducted for the duration agreed upon.

### **Certificate Programmes**

Special/ Customized part-time certificate programmes in the areas of industrial Engineering, Supply Chain Management, Project Management, Manufacturing Management etc. (to be announced).

### **Special Programs**

1. NITIE has announced one year Post Graduate Program for Executives- Visionary Leadership for Manufacturing from September 2017. Details are available on NITIE web site [www.nitie.edu](http://www.nitie.edu) / [www.nitie.ac.in](http://www.nitie.ac.in)

### **Pre- Training Survey (PTS) Terms:**

1. A token Feed of ₹10,000/- Per faculty per contact day.
2. Travelling expenses of faculty members/s, (minimum 2 faculty), to and fro by air and local transportation at both ends.
3. Boarding and Lodging expenses of the faculty members/s at destination.



## Unit Based Programmes (UBP)

The programs can be conducted at client's place or at NITIE as per the requirements. The Terms & Conditions will be sent on formal request.

1	<p><b>Industrial Engineering</b>  Industrial Engineering and Work Study for Higher Productivity. Productivity/ Efficiency Improvement &amp; Ergonomics Productivity Management  Systematic Planning  Layout Ergonomics.  Health, Fitness &amp; Life Style  Management Vehicular &amp; Transport  Ergonomics Manpower Requirement  Analysis  Value Engineering  Latest Trends in Productivity  Ergonomics Evaluation of Work  Places Method Study and Work  Measurement  Industrial Engineering Certification Programme</p>	5	<p><b>Sustainability Management</b>  Strategic Environmental Management  Industrial Safety, Risk &amp; Hazards Management.  Risk Analysis, HAZOP Study, Disaster Management &amp; Behavioural Safety Assessment &amp; Risk Mitigation Methods  Noise Monitoring  Sustainability Leadership Development Programme.  Hazard Identification &amp; Risk Analysis and Behavior Based Safety  Renewable energy  Sustainability for Chemical Industry  Industrial Risk &amp; Disaster Management  Environment, Social &amp; Governance (ESG) Certification  Sustainability and ESG Certification Programme</p>
2	<p><b>Operations and Supply Chain Management</b>  Achieving Manufacturing/ Operational Excellence Six Sigma &amp; Lean Concepts for Business Excellence Strategic Program on Supply Chain Management World Class Maintenance for Operational Excellence  Lean Manufacturing  Manufacturing Management  Operations Management  Management Quality Management  Statistical Process Control &amp; Quality Management  Reliability Centered Maintenance  Supply Chain Management  Logistics &amp; Distribution Management  Material Management  Inventory &amp; Spare Parts Management  Supplier Capacity Evaluation  Induction course for Assistant Work Managers  Production &amp; Operations Management  Expert Module – Building Operations &amp; Logistic Strategies  Foundation Course on Operation Management  Manufacturing Systems Engineering and Simulation  Effective Stores Management  Warehouse Design-Tools and Techniques  Fundamentals and Discrete Event Management  Capacity Building program on Project Planning &amp; Scheduling  Capacity Building program on Project Procurement &amp; Risk Management  AI/ML for Excellence in Demand Planning</p>	6	<p><b>General Management</b>  A <b>Economics &amp; Strategy</b>  Strategic Thinking for Managers  B <b>Finance &amp; Accounting</b>  Cost Management in Manufacturing  Firm Cost Engineering.  Economics Workshop  C <b>Human Resource Management</b>  Emotional Intelligence at Work  Leadership Development Programme  Enhancing Managerial Effectiveness  Managerial &amp; Leadership Development Skills  Managerial Leadership &amp; Team Building  Psychological and Behavioural Intervention  Commercial Aspects of the Business  Communication, Interpersonal &amp; Presentation Skills  Negotiation Skills  Stress &amp; Time Management  Change Management  Modules for Enhancing Effectiveness for DRTC Officers  Basic Management Module for DRTC Officers  Mid-Career Training Programme (MCTP) level-1 for STS  Soft Intervention training Programme for Agri Implement Cluster  People Analytics  Executive Development Programme  Alxlerate 2.0 Capability Building Program for Enterprise Mobility Services (EMS)  Legal Aspect Labour Laws Compliance  Business Negotiations Skills  Executive Excellence  Unconscious Bias  Building a Growth Mindset: Strategies for Women in Early Career</p>
3	<p><b>Engineering Technology &amp; Project Management</b>  Project Management / Strategic Project Management  Technology Commercialization and IP Management  Plant Maintenance Reliability Centered Maintenance (RCM) &amp; Condition Monitoring  Project Risk Management  Project Procurement and Contracts Management</p>		

4	<b>Analytics Decision Science &amp; Information Technology</b> Decision Making using Statistic & Industrial Engineering Tools	D	<b>Marketing Management</b> Strategic Marketing Consumer Centricity
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## Representative List of UBP Clients

ACC Ltd.	National Academic of Defence Production
Accenture Services Pvt. Ltd.	Bharti Airtel Ltd.
Accenture Solutions Pvt. Ltd.	John Deere India Pvt. Ltd. Pune
Allcargo Logistics Limited	Jubilant Life Science Ltd.
Amara Raja Group	Kendriya Vidyalaya Sangathan
Apollo Tyres Ltd.	Larsen & Toubro Ltd.
Banswara Syntex Ltd. Rajasthan	Linde Engineering India Pvt. Ltd.
Beroe Consulting India Pvt. Ltd.	Lubrizol India Pvt. Ltd.
Bharat Electronics Ltd.	Maharashtra Pollution Control Board
Bharat Petroleum Corporation Ltd.	Maharashtra State Industries Cluster Development
BILT Graphics Paper Products Ltd.	Maharashtra State Power Generation Co. Ltd.
Binani Industrial Ltd	Mahindra & Mahindra Ltd.
Bokaro Steel Plant	Mahindra Logistics Limited
Cadila Healthcare Ltd. Ahmedabad	Maruti Suzuki India Ltd.
Caim India Ltd.	Mormugaon Port Trust.
Carlsberg India Pvt. Ltd., Gurgaon	NTPC Limited
Central Institute of Research on Cotton Technology (CIRCOT)	NALCO
Chennai Petroleum Corporation Ltd.	Naval Dockyard
Coromandel International	Nuclear Power Corp. of India Ltd.
Crompton Greaves Ltd.	National Building Construction Corporation Ltd.
Defence Institute of Physiology & Allied Sciences	National Institute of Disaster Management
Department of Economic Affairs, New Delhi	National Institute of Technology Teachers Training and Research
DRDO	Orient Paper Mills India Ltd.
Elecon Engg. Co. Ltd.	ONGC Tripura Power Company Limited (OTPC)
Essar Steel Ltd.	PEC University of Technology, Chandigarh
Excide Industries Ltd. Kolkata	Reliance Industries Ltd.
Ericsson India Global Services Pvt. Ltd.	Samarth Udyog Technology Forum
Glenmark Pharmaceuticals Limited	Security Printing & Minting Corporation of India Ltd.
GSFC	S.H. Kelkar & Co. Pvt. Ltd. Mumbai
Gujarat Gas Co. Ltd.	Seamex, Birla Management Centre Services Ltd.
Hindustan Petroleum Corp. Ltd.	Sterlite Technologies Ltd.
Hindustan Unilever Limited	Tata Chemicals Ltd.
Hindalco Industries Ltd.	Tata Electronics Pvt. Ltd.,
HMT Machine Tools Ltd.	Tata Steel Limited
HAL Management Academy	TAFE Ltd.
Indian Oil Corporation Ltd.	TMT Ltd.
India Government Mint	The Indian Hotel Company Ltd.
IFFCO Ltd.	VE Commercial Vehicle Ltd.
Jindal Saw Ltd	Vivekananda Global University
Leaderonomics India Pvt. Ltd.,	Vikram Sarabhai Space Centre
LIC of India	WF (India) Ltd., VKC Footcare India Pvt. Ltd.

## CONSULTANCY SERVICES

### **Every organization periodically needs external consultancy when:**

- Need arises for expertise which is not AVAILABLE WITH IN THE ORGANIZATION.
- additional support necessary to broaden and update the experience available in the organization is required.
- A fresh, impartial, and holistic outlook may be more beneficial.
- Experience of other organizations may be of great help.

### **NITIE's Goals for Consultancy Services**

Consultancy assignments are undertaken by NITIE through faculty members as individuals/ teams on a selective basis to meet the following goals:

- Provide service to the industry by sharing expertise and competence of experienced NITIE faculty to diagnose and solve Industrial problems objectively in selected areas of Industrial engineering and management.
- Provide services of inter- disciplinary team of NITIE faculty to apply latest concepts/ methodologies/ research validated approaches to solve real life problems in business and industry.
- Help the faculty in developing case studies/ course material, which can be used, with permission from host-organization, for dissemination of knowledge to executives/ students.
- Maintain close linkage and liaison with business and industry.

### **Our approach in Consultancy Services**

NITIE's faculty socialists (one or more) conduct PRE-CONSULTANCY SURVEY (PCS) on nominal charges for 1 or 2 days in the organization; meet key executives in order to identify and define the problem and develop a CONSULTANCY PROPOSAL with terms of reference, estimated consultancy fee and duration for completing the assignment.

100% of the Consultancy Fee is payable in advance, before commencement of the assignment. NITIE encourages a participative approach and joint study with executives, staff and employees of the organization during the detailed consultancy assignment. This provides an opportunity for client personnel to understand the nature of problem(s), approach to the solution (s) and have training on the job. This also helps in smoothly implementing the recommendations evolved as a result of joint study, particularly in the sensitive areas e.g. wage/ salary matters and work- load studies, etc.

### **Pre- Consultancy Survey (PCS) Terms:**

1. A token Fee ₹ 10,000/- per consultant per day, to do the PCS.
2. Travelling expenses of faculty members/s, (minimum 2 faculty), to and fro by air and local transportation at both ends.
3. Boarding and Lodging expenses of the faculty member/s at destination.

**CONSULTANCY ASSIGNMENT  
AREAS**

01.	<b>Industrial Engineering/ Method Study and Work Measurement</b> Industrial Engineering Study Method Study/ Methods Improvement and Work Measurement Work study and Time Study Business Process Re- engineering (BPR) Study Time and Motion Study Operations Research Project Module Transmission & Distribution Business Concerning Industrial Study, Modelling & manpower Optimization.	06.	<b>Organisation Restructuring</b> Re-structuring of Non- Teaching Positions Staffing Norms & Organizations Structuring Study. Job Contract for Production & Maintenance Functions.
02.	<b>Productivity Improvement Studies</b> Productivity & Cost Effectiveness Productivity Study Pilot Plant Efficiency Study Productivity Improvement & Resource Utilization Study Productivity Improvement of Large Project Sites Plant Capacity Assessment	07.	<b>Operational Improvement Studies</b> Maintenance Management/ Total Productive Maintenance Capacity Assessment Cost Reduction Value Engineering Total Quality Management
03.	<b>Manpower Assessment</b> Human Capital Assessment Job Evaluation & Gradation Manpower Assessment / Utilisation Study Manpower Optimization Study Manpower Systems & Renationalisation Manpower Aeging Study	08.	<b>Supply Chain Management Studies</b> Direct Port Delivery (DPD) & Dural Cycling of Loading/ unloading Activity Materials Management System Supply Chain Audit for Circulation Process
04.	<b>Incentive Measurement Studies</b> Developing Incentives Scheme Establishing Productivity and Profitability Linked Incentive Scheme Devising the Profitability and Productivity Linked Bonus (Incentive) Scheme	09.	<b>Ergonomic Studies</b> Ergonomics Audits Ergonomic Study
05.	<b>Material Handling and Layout Planning</b> Assessing Area Requirement for Production of Manpower- Ergonomics Study Evaluation of materials Handling Systems Facility Layout Upgradation Layout Study & Establishing Time Standards Resource Scheduling Tool Development	10.	<b>Environment and Sustainability</b> Environmental Cost Benefit & Analysis Study Social Impact Evaluation for CSR- CD Activities Developing Sustain ability Report Energy Management Waste Management Safety and Welfare
		11.	<b>Marketing Studies</b> Evaluation of Advertisement Campaign on Apprenticeship Training Scheme

### List of Our Clients:

Adani Gas Limited Ahmedabad	Indofi I Industries Ltd.
Adani Green Energy Ltd.	Indo- Gulf Fertilisers & Chem. Corpn. Ltd.
Apcotex Industries Limited	IOT Infrastructure Energy Services Ltd.
Air India	ITC Limited
Air Asia India	Intas Pharmaceutical Ltd.
Ambuja Cements Ltd.	Jawaharlal Nehru Port Trust
All India Council for Technical Education	JSW Jaigarth Port Ltd, Mumbai
A Infrastructures Ltd.	Jindal Iron & Steel Co. Ltd.
Baerlochar India Additives Pvt. Ltd.	Jute Manufactures Development Council
Bajaj Electricals Ltd	Kasturi and Sons Pvt. Ltd.
Bennett, Coleman & Co. Ltd. Mumbai	Kochi Refi. neries Ltd.
Bharat Electronics Ltd.	KSB Pumps Ltd.
Bharat Petroleum Corp. Ltd.	Larsen & Toubro Limited. Bangalore
Biological E. Ltd.	Larsen & Toubro Limited, Mumbai
Board od Apprenticeship Training (WR)	L 'Oreal India Pvt. Ltd.
Bombay Tyres International Ltd.	Mahagenco Ltd.
Brillon Consumer Products Private Limited, (Formerly Known As S C Johnson Products Private Limited)	Maithon Power Ltd.
Cargill India Pvt. Ltd. Pune	Marpol India Pvt Ltd.
CEAT Ltd.	MPF Ltd.
Century Rayon Ltd.	Mangalore Refinery & Petrochemical Ltd.
Central Warehousing Corporation	Merind Ltd.
Coromandel International Ltd.	Mundra Port & Special Economic Zone Ltd.
Diligent Media Corps. Ltd. (DMA)	NEFE Limited
Dork Ketal Chemical India Pvt. Ltd.	NTPC Ltd.
Dredging Corpn. Of India Ltd.	Oman Airways
Dr. Reddy's Laboratories Ltd. Hyderabad	P.D. Hinduja Hospital & Medical Research Centre
E- Merck (India) Ltd.	PEC University of Technology
ESL Steel Limited, Bokaro	Pidilite Industries Ltd.
Elcomponics Sales Pvt. Ltd., Noida	Privi Organics Ltd.
GAIL (India) Ltd.	Prism Cement Ltd.
Godrej Aerospace	Ranbaxy Limited
Godrej & Boyce Mfg. Co. Ltd.	Rashtriya Chemicals & Fertilizers Ltd.
Glaxo Smithkline Pharmaceutical Ltd.	RMC Readymix (India)
Grasim Industries Ltd.	S.H. Kelkar & Co. Pvt. Ltd.
Gujarat State Fertilizers & Chemical Ltd.	SRF Ltd.
Gujarat Alkalies & Chemicals Ltd. Vadodara	Sundaram Fasteners Ltd.
Gujarat Narmada Valley Fertilizers & Chemicals Limited, Gujarat.	Silica Ceramica Pvt. Ltd.
Haldia Petrochemicals Ltd.	Tata Electric Co. Ltd.
HEG. Ltd.	Tata Power Co. Ltd.
Herdilia Chemicals	Tata Power Solar Systems Limited, Bengaluru
Hindalco Industries Ltd.	Tata Power Transmission & Distribution
Hindustan Petrochemicals Ltd.	Transformers & Rectifiers (India) Ltd.
Hindustan Petroleum Corp. Pvt Ltd.	Ahmedabad
Hindustan Unilever Ltd.	TTK-LIG and SSL-TTK
H & R Johnson	Transformers & Electricals Ltd
IDBI	TVS Motor Company Limited, Hosur
IG Petrochemicals Ltd.	Viraj Group of Cos.
Indian Oil Corporation Ltd.	Wanbury Ltd.
Indian Rayon Industries	Zee News Ltd.

***NURTURING INDUSTRY TOWARDS EXCELLENCE***



## FACULTY AT NITIE

**Prof. Manoj Kumar Tiwari - Director NITIE**

### **OPERATIONS AND SUPPLY CHAIN MANAGEMENT (OSCM)**

1.	Prof. L Ganapathy Professor Ph.D (IIT Kharagpur), M. Tech., BSc. (Engg.)
2.	Prof. Balkrishna Narkhede Professor D.Sc. (Sc & Tech.) Ph. D. (Mechanical Engg)
3.	Prof. B Koteswara Rao Naik Professor Ph.D (IIT Delhi), MBA, B.Tech.
4.	Prof. Maheswar Singha Mahapatra Assistant Professor, Ph.D
5.	Prof. Milind M Akarte Professor Ph.D (IIT, Bombay), M. Tech.
6.	Prof. Padmanav Acharya Professor Ph.D (IIT Kharagpur), M. Tech, B.E.
7.	Prof. (Ms.) Priyanka Verma Associate Professor Ph.D. (IIT Kanpur), M. Tech., B.Tech.
8.	Prof. Rakesh D Raut Associate Professor Post-Doc (EPFL, Switzerland), Fellow (NITIE), M. Tech., B.E.
9.	Prof. Ravindra Gokhale Associate Professor Ph.D. M. Tech., B.E.
10.	Prof. (Ms.) Ruchita Gupta Associate Professor Ph.D. (IIT-Bombay), M. Tech., B.Tech.
11.	Prof. Rofin T M Assistant Professor Ph.D. (IIT Kharagpur), MBA, B. Tech
12.	Prof. S K Md. Rauf Iqbal Professor & Dean (Student Affairs) Ph.D (Vidya Sagar University), M.Sc.
13.	Prof. (Ms.) Sushmita A Narayana Associate Professor Fellow (IIM Kozhikode (FPM equivalent to Ph.D.), B.E. (Prod. Egg.)
14.	Prof. Veepan Kumar Assistant Professor, Ph. D
15.	Prof. Vijaya Kumar Manupati Assistant Professor Ph. D

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16.	Prof. Vivekanand B Khanapuri Professor & Dean (SRIC) Fellow (NITIE), MBA, B.E.
17.	Prof. Vivek Khanzode Professor, Dean (Planning & Coordination) Ph.D (IIT Kharagpur), M. Tech., B.E.

#### **ANALYTICS AND DATA SCIENCE (ADS)**

1.	Prof. Amit Kumar Das Professor, Ph.D (IIT Kharagpur, M. Tech. (IIT Kharagpur, B. E. (Bengal Engg. And Science University, Shibpur)
2.	Prof. Rakesh Verma Professor Ph.D (IIT, Kharagpur), M.Sc.
3.	Prof. Debabrata Das Associate Professor Ph. D
4.	Prof. (Ms.) Hema A Date Professor & Dean (Alumni & International Affairs) Fellow (NITIE), PGDIE (NITIE), B.Tech.
5.	Prof. Jasashwi Mandal Assistant Professor Ph. D
6.	Prof. (Ms.) Purnima S Sangle Professor Ph.D (Univ of Indore), MSc.

#### **FINANCE AND ECONOMICS (F&E)**

a)	Finance Group
1.	Prof. Ajaya Kumar Panda Associate Professor Ph.D (Univ. of Hyd.), M. Phil, M.A. (Economics)
2.	Prof. (Ms.) K S Ranjani Associate Professor Ph. D (SNDT University), M. Phil, AICWA, FCA, B. Com.
3.	Prof. M Venkateshwarlu Professor Ph. D (Osmania University), M. Com.
4.	Prof. Vipul Kumar Singh Associate Professor Ph.D., MBA, M.Sc.
5.	Prof. Hemachandra Padhan, Assistant Professor, PDEF (IIT Madras), Ph.D (IIT Madras), DG Diploma in statistics Research Methods (Pondicherry Central University).

b)	Economics Group
1.	Prof. (Ms.) Vijaya Gupta Professor Ph.D. (University of Rajasthan), M. Phil, M.A.
2.	Prof. Binilkumar A S Associate Professor Ph.D. (IIT Bombay), M.A.
3.	Prof. Mainak Mazumdar Associate Professor Ph. D. (isec). M. Sc. (Economics), B. Sc. (Economics) (Honors)
4.	Prof. (Ms.) Poonam Singh Associate Professor Ph. D (IGIDR)
5.	Prof. Utpal Chattopadhyay Professor Ph.D. (Delhi University), MBA, M.Sc.

### **MARKETING**

1.	Prof. M K Jha Professor Ph.D. (Bihar), MBA, B.E.
2.	Prof. Neeraj Pandey Professor Ph.D MBA, Post-Doctoral Fellow (Johns Hopkins University, USA)
3.	Prof. Ranjan Chaudhuri Associate Professor, Ph. D, (NIT Durgapur), MBA (Marketing)
4.	Prof. (Ms.) Rekha D Chikhalkar Professor Fellow (NITIE), MBA, B.Sc.
5.	Prof. Sanjeev Verma Professor Ph.D, (Meerut University), MBA
6.	Prof. (Ms.) Vertika Srivastava Assistant Professor, Ph.D (IIT Bombay), PGDM (IIM Ahmedabad)

### **Organisation Behaviour & Human Resource Group (OB & HR Area)**

1.	Prof. D K Srivastava Professor Ph.D (IITB), M.A.
2.	Prof. (Ms.) Megha Gupta Assistant Professor, Ph.D
3.	Prof. Nikhil Mehta Associate Professor Ph. D, (Nagpur University), MBA, B. Pharm.
4.	Prof. S K Nair Professor Ph.D, (University of Nagpur), M. Phil, M.A, DBM.

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5.	Prof. (Ms.) Sumi Jha Professor Fellow (NITIE), MBA, HR, B. Sc. (Chem.)
6.	Prof. T Prasad Professor Ph.D, (University of Osmania), M. Com.
7.	Prof. (Ms.) Upasna A Agarwal Professor Ph.D, (IIT Bombay), Masters Labour Law (MLL)

#### **SUSTAINABILITY MANAGEMENT (SM)**

1.	Prof. Shankar Murthy Professor & Dean (Academics) Ph. D (IITB), ME., B.E.
2.	Prof. (Ms.) Anju Singh Professor Ph. D. (IITB)
3.	Prof. (Ms.) Hema Diwan Associate Professor Ph.D., M.Sc., B.Sc.
4.	Prof. (Ms.) Seema Unnikrishnan Professor Fellow (NITIE), M.Sc., PGD (EL)
5.	Prof. Shirish Sangle Professor, Dean (Faculty Affairs) Ph.D. (University of Indore), M. Tech., M.Sc.
6.	Prof. Vidyadhar Gedam Assistant Professor Ph. D, (Environmental Engineering), M. Tech., B.E. (Chemical Engg)

#### **Adjunct Faculty**

1.	
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3.	
4.	