CLASS OF 2020

PGPEX-VLFM

Post Graduate program for Executives
Visionary Leaders for Manufacturing
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Established in 1963, under the aegis of UNDP & ILO, National Institute of Industrial Engineering (NITIE) has been vehemently contributing towards the development of the Industrial sectors in India. NITIE is an autonomous institution under the ministry of HRD, Government of India administered through a Board of Governors representing industry, government, labor & professional bodies. With over five decades of affiliation with the industry, NITIE has emerged as one of India’s Ivy-League B-school and has been acknowledged as a center of Excellence by ministry of HRD in line with IITs, IIMs and IISC and has been declared as an Institute of National Importance.

IIT Delhi, established in 1959, is one of the premier engineering institutes in India. IIT Delhi has been acknowledged as center of excellence by ministry of HRD and aims to create an ambience in which new ideas and creativity flourish thus promoting research and scholarship to create leaders and innovators of tomorrow. The institute aims to contribute to India and the world through excellence in scientific and technical education and research, to serve as a valuable resource for industry and society, and remain a source of pride for all Indians.
National Institute of Industrial Engineering (NITIE) was established in 1963 and has been the pioneer in providing best quality education and training in the field of Industrial Engineering. Since its inception, it has never been on the back foot in delivering to the ever changing needs of the modern industry and has constantly evolved to tackle the complex challenges in the industry through a thriving industry-academia interaction. The diverse engineering backgrounds, from which the students come from, enable them in possessing a cross-functional outlook and in having the aptitude, attitude and determination to succeed at the highest level. I’m indeed happy to introduce you to a very unique program that blends the technology and management aspects in the right proportion to nurture the aspiring professionals to become the next generation game changers of the manufacturing and its associated sectors. With its rich expertise and legacy in providing world class management education NITIE, in collaboration with IIT Delhi, launched a one - year full time residential Post Graduate Program for Executives - Visionary Leadership for Manufacturing (PGPEX-VLFM) for mid and senior level managers. This program is launched under the Government of India’s VLFM initiative driven by the recommendations of National Manufacturing Competitiveness Council (NMCC), Ministry of Human Resource Development (MHRD) and Confederation of Indian Industries (CII) to contribute for the manufacturing renaissance of the nation. Participants of this course will obtain proficiency in latest tools and techniques used for enhancing and improving Industrial productivity. The uniqueness of this program lies in the amalgamation of “Breakthrough Management” and “Five Step Discovery Process” envisaged by Padmashri Prof. Shoji Shiba along with NITIE’s trademark management approach and latest technological advancements in the manufacturing domains from the stalwarts of IIT, Delhi. Thus development of multiple competencies in students helps them carve a unique identity of their own to fit in to the techno-managerial roles and establish them as assets to the organizations they work for as they strive for “Triple Bottom Line”. NITIE is not just an educational institution; it’s an experience that is to be relished all throughout the life. The Class of 2019-20 (an average experience of 8.3 years) has been selected on the basis of academic merit and professional achievements through a rigorous admission process aimed at bringing in diversification among the peer group of potential leaders to ensure an effective knowledge sharing environment. The current batch of young leaders worked in executive and managerial roles in industries. I am confident that these young leaders equipped with an enhanced functional expertise and competitive skillset for the upcoming challenges would vibrantly flourish in this dynamic market scenario. By wishing them a very great success, I invite you to read this brochure and contribute towards transformation of their career course and the nation’s growth.

“ I am confident that these young leaders equipped with an enhanced functional expertise and competitive skillset for the upcoming challenges would vibrantly flourish in this dynamic market scenario. ”

Prof.Manoj Kumar Tiwari
Director, NITIE
Explosive growth of technology and applications across different industry sectors world over are leading to a need for matching competencies. Hence to meet the future’s challenges the education system needs to be supported with culture that primarily mimics the way organizations think, behave and work. Nurturing an environment that continually introduces new ideas or ways of thinking and then translates them into action to solve specific problems or seize new opportunities is very critical for a student’s growth. Meeting these requirements and building a culture of innovation in institutes nowadays is incredibly challenging. In this context, it brings me immense pleasure to introduce you to our unique and futuristic Post Graduate Program for Executives - Visionary Leadership for Manufacturing (PGPEX-VLFM), a one year full time residential program aimed to nurture the seasoned domain experts to become tomorrow’s visionary leaders for manufacturing. Jointly offered by NITIE and IIT Delhi under the aegis of Ministry of Human Resource Development (MHRD) and Confederation of Indian Industries (CII) this program offers integration of learning and practice at all stages which enables the participants to learn in the best possible way. The participants are offered rigorous, multidisciplinary courses in management and technology at both of these premier institutes along with industry interactions and seminars from thought leaders in wide variety of firms in manufacturing and its allied sectors. Furthermore, this course aligns itself seamlessly to the needs of the industry with industrial treks (both domestic and international), breakthrough management sessions and CII workshops being an integral part of the program. This course is designed to be challenging with as much as 1030 plus contact hours in one year. This program is further enriched with numerous detailed case analyses intended to inculcate the business outlook along with well-developed domain knowledge of cutting edge manufacturing technologies among participants to effectively manage the challenges in the rapidly changing business environment. I wish the current class of 2020 to have a very great learning experience and transform into the visionary leaders that they are expected to be for the benefit of nation at large. I am confident the participants of this course will be partners in your long term future growth of the organization and fittingly contribute to the manufacturing renaissance that is to happen in the days to come.

I wish the current class of 2020 to have a very great learning experience and transform into the visionary leaders that they are expected to be for the benefit of nation at large. I am confident the participants of this course will be partners in your long term future growth of the organization and fittingly contribute to the manufacturing renaissance that is to happen in the days to come.

Prof. Dr. Padmanav Acharya
Dean (Academics), NITIE
As an institute, NITIE has never compromised on its mission of knowledge led productivity growth. The unwavering spirit and continued endeavor of being a symbol of excellence has been the consistent reason for the institute being ranked among the elite business schools of the country. Adapting to the dynamic pace of industry, designing a suitable pedagogy that meets the industry needs and producing world class leaders has always been our forte.

With Government of India’s growing emphasis on manufacturing sector in boosting nation’s growth trajectory, our Post Graduate Program for Executives – Visionary Leaders for Manufacturing (PGPEX- VLFM) stands out as a viable solution to cater to the increasing demand of techno managerial roles to keep up with the pace of industrial growth. With the right mix of NITIE’s managerial outlook and IIT Delhi’s technological inputs enhanced with the participant’s domain diversification, I believe this program would become much more relevant in the days to come.

NITIE has unexceptionally churned excellence in all domains of Post Graduate education ever since its inception and certainly, PGPEX-VLFM Class of 2020 are in line with rich tradition of the yesteryears. On behalf of the entire NITIE community, I would like to show my gratitude to the recruitment partners for their participation and continued trust shown in our faculty leaders of the country. I wish the class of 2020 for a successful career ahead and I am confident that they live up to the legacy that our institute carries and ensures to take it a notch higher in future.

Prof. Hema Date, Dean (Student Affairs), NITIE

“I wish the class of 2020 for a successful career ahead and I am confident that they live up to the legacy that our institute carries and ensures to take it a notch higher in future.”
The National Institute of Industrial Engineering (NITIE) was set up jointly by ILO & Govt of India in 1963, for improving the productivity of the industry.
Over the years, NITIE has evolved and now is one of the premier institutes in higher education in India with a vision to become the thought leader in Industrial engineering education and research and be a partner in the manufacturing renaissance of the nation.
In line with its vision, the Institute launched one year PGPEX-VLFM program in 2017 to create visionary leaders who would drive the manufacturing industry with their enhanced techno-managerial skills. The PGPEX-VLFM is fully residential program conducted by NITIE Mumbai and as a part of this program students receive inputs in technology related courses at IIT Delhi. Additionally, the students as part of the curriculum participate in CII workshops, industry interaction, international trek, along with mentoring and experiential learning which is an integral part of the program. This program with its unique pedagogy helps students to obtain a holistic view of the whole manufacturing industry and at the same time grooms them with the right skill set to tackle any challenging situation. Augmenting this, the institute has a congregation of top-notch academicians, who enrich students with their proficient knowledge in a congenial atmosphere.
As India marches ahead with digital technologies & implementation of Industry 4.0 across the industry, this program at NITIE Mumbai & IIT Delhi offers state of art expertise on the latest evolution taking place all over the globe. By gaining this profound insight, the upcoming leaders would surely pave the way for a better & progressive tomorrow. Our PGPEX-VLFM, Class of 2020, with an average work experience of 8 years, boasts of twenty-six aspiring leaders with rich domain expertise over diversified backgrounds like oil and gas, power, metals, and mining, white goods products, automobile, consulting, etc. And here at NITIE, they are being groomed to exploit opportunities & explore the uncharted territory and contribute their best efforts.
The PGPEX - VLFM Students have already been performers in their respective organizations prior to joining the program and are chosen for this course after a rigorous selection process including profile shortlisting, written tests and interviews. I am sure that these aspiring leaders will provide the required impetus in achieving the mission of your organization. My best wishes are with them for their future endeavours. I am confident that these young leaders are equipped with an enhanced functional expertise and competitive skill set for the upcoming challenges and would vibrantly flourish in this dynamic market scenario. I wish them a great success and extend you the invitation to go through this brochure and contribute towards transformation of their career course and the nation’s growth.

Prof Vivekanand B. Khanapuri
Dean SRIC, NITIE
We extend a warm welcome to you for another season of successful recruitments and interactions with our participants of PGPEX-VLFM program. This distinct program that is envisaged with the vision to create potential impact makers in the rapidly growing manufacturing and allied domains, poses to be a vibrant prospect for the future in the light of the government identifying it as a key thrust area to boost the nation’s economic growth. This program seems even more relevant to the needs of the industry with initiatives such as “Make in India” trying to pace up the growth of manufacturing sector. We have taken utmost care in selecting the best candidates from the pool of enthusiastic professionals enriched with excellent domain expertise to bring out best possible diversity and quality to this Class of 2020. The well-structured course curriculum, which is further enhanced with the insights from faculty of NITIE and IIT Delhi, is bound to prepare the participants for the challenges that come their way and enable them to be the change agents they are expected to be.

With an average age of 30 years and an average experience of 8.3 years, Class of 2019 symbolizes the experienced young generation. I am sure they will be able to match your interests with the right combination of technical and managerial skills. I confidently invite you for an impactful interaction with this Class of 2020. We wish to extend our full cooperation in this regard and expect your insights and feedback to take this program a notch higher in coming times. Hoping for a memorable association with you.

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Prof. Ravindra Gokhale
Placement Co-ordinator,
NITIE
PGPEX-VLFM, a one year full time residential post graduate program for experienced professionals, distinctively aims to drive the upcoming manufacturing renaissance of our nation. Embedded within the program is a perfect amalgamation of NITIE’s specialized management approach and IIT Delhi’s distinguished technical knowhow. This program provides a blend of experimental and live industrial approach to create future leaders that strive to drive the next generation digital manufacturing and enable them to impact creating factors in the Industry 4.0 while aiming for “Triple Bottom Line”.

Government of India’s VLFM initiative aims to create the new age market leaders so as to drive the manufacturing sector, which is recognized as a key thrust area in 12th Five Year Plan (2012-2017). This program has been designed at NITIE and IIT Delhi to kindle the spark of leadership and create an environment for manufacturing innovation. The curriculum is strengthened with theories, tools and models of “Breakthrough Management Approach” and “Five Step Discovery Process” envisaged by Padmashri Prof. Shoji Shiba with gurukul workshop oriented learning from CII, domestic and international industrial visits and an 8 week summer internship program. It not only brings about a change in the thought process from small m to big M but also provides a vision to look at the invisible future through the third eye.

Technocrats with 5-12 years of domain expertise in large scale manufacturing sectors have been handpicked through a rigorous selection procedure that involves their evaluation on the basis of multiple parameters like academic background, professional achievements, Essays and recommendations through industry experts. This process again is followed by a screening examination consisting of analytical case studies and thorough personal interview by a panel of academic & industry experts to assess the participant’s attitude, aptitude and appetite to learn the process of evolution and transformation.

With initiatives such as “Make in India” kicking in new dynamism to the markets, I am hopeful that these emerging leaders will transform to become the next generation visionaries and aid the process of nation’s transformation.

“With initiative such as ‘Make in India’ kicking in new dynamism to the markets, I am hopeful that these emerging leaders will transform to become the next generation visionaries and aid the process of nation’s transformation.”

Prof. Vivek Khanzode, Program Coordinator, NITIE.
Growth of manufacturing sector is very crucial for the development of a country like India because not only it adds to GDP of the country, but it also creates technical and semi-skilled employment opportunities for the Indian workforce and simultaneously plays a pivotal role in making India, the fastest growing economy in the world. At present, in an extremely competitive global environment, the Indian manufacturing sector cannot grow only on the shoulders of a few manufacturing establishments. Therefore, the PGPEX-VLFM program has been designed with a philosophy of proactive approach to the manufacturing paradigms and to create the change agents who would provide the strategic impetus to manufacturing, supply chains & operational excellence in India. The strength of the program includes the structured learning of emerging technologies & manufacturing strategies at one of the premier technological institutes, Indian Institute of Technology Delhi (IIT Delhi), with a vision to transform students into visionary leaders, who can pre-empt futuristic issues-particularly in manufacturing management and provide quick solutions. In addition to this, the course focuses on skill-building by emphasizing experiential learning and practicing rather than just disseminating theoretical knowledge in the classroom. The course at IIT Delhi fully occupies one module of one-year rigorous program and delivers insights into the state of the art in the various fields of digital and smart manufacturing, core manufacturing and materials. The various courses are delivered to participants by the extreme-expertise of professors of IIT Delhi and industry professionals which ultimately helps in transforming the aspiring technocrats to visionary leaders for manufacturing management not only to the Indian manufacturing industries but also for manufacturing management overseas. Various leadership talks by industry professionals discussing their best case studies in manufacturing encourage students to adopt those best practices. The product development 3 days course by CII gives students a flavor of how a product is designed. The students are also exposed to global manufacturing practices and advanced technologies after the module of IIT Delhi is over and they travel abroad for an industrial-trek. At the outset, I understand that the pervasive diffusion of techno-managerial skills to the students of the PGPEX-VLFM program offered by NITIE Mumbai and IIT Delhi fully prepares students to serve the manufacturing industries with a clear vision of improvising products and processes and hence contribute to the growth of the nation.

Dr. Pulak Pandey, Professor
Coordinator PGPEX-VLFM
Indian Institute of Technology Delhi
http://web.iitd.ac.in/~pmpandey/

"I understand that the pervasive diffusion of techno-managerial skills to the students of the PGPEX-VLFM program offered by NITIE Mumbai and IIT Delhi fully prepares students to serve the manufacturing industries with a clear vision of improvising products and processes and hence contribute to the growth of the nation."
VISION

ABOUT VLFM

With the world moving towards a new era of manufacturing renaissance and the nation aiming to become a global leader by increasing the manufacturing sector’s contribution to national GDP at a growth rate of 25% by 2025, there arose a need for new generation of leaders with a vision to envisage the industry needs and zeal to propel the market in the needed trajectory.

PGPEX – VLFM is a one year full time residential program jointly conducted by NITIE Mumbai and IIT Delhi for grooming the emerging leaders for Mid and Senior Level Managerial roles. The program is designed for peer learning driven pedagogy with strong focus on manufacturing technology, process and leadership along with eight weeks Industry Internship – India/Global and two weeks of International visits and Industry treks.

The products of this program shall be the change agents, who would provide the strategic impetus over a wide range of verticals such as Operation & Supply chain management, Strategic planning, Business development, Digital transformation & World class manufacturing. PGPEX – VLFM is second of its kind program in the country. This is a joint program by NITIE and IIT-Delhi. This program is specially designed to enhance knowledge, skills and capabilities essential for managing and leading organizations. The program creates a governments–industry-academia collaboration, CII and Academia to work together, to build a pool of techno-managerial leaders who can transform the India’s manufacturing sector & significantly contribute to the make in India movement, launched by Govt of India.

“"To create a distinct set of visionary leaders with abilities to contextualize and contribute to the manufacturing renaissance of nation.""
SCOPE OF PROGRAM

This Program strengthens the curriculum with theories, tools and models of Breakthrough Management and Five Step Discovery workshop oriented learning with Industrial visits in India & Abroad. It not only brings about the change in the thought process from M to M but also provides a vision to look at the invisible through the Third Eye.

Salient features

PGPEx-VLFM is designed with a philosophy of proactive approach to the manufacturing paradigms and to create the change agents who would provide the strategic impetus for manufacturing, supply chains & operational excellence in India. VLFM program is designed for peer learning driven pedagogy with the following salient features:

- 1030+ contact hours with strong focus on manufacturing technology, operations & supply chain and leadership.
- 8 weeks Industry Internship - India / Global & 2 weeks of International visits and Industry Treks.
- One year, full-time residential program of NITIE with IIT Delhi as academic partner.
- Combination of faculty from NITIE, IIT Delhi, International academia and Industry leaders.
- Unique emphasis on next generation technologies, strategies and develop systemic approaches to manufacturing leadership.
- Closely coupled with industry from day 0 and growth towards senior management positions and manufacturing entrepreneurship.

Selection Criteria

- Passionate Engineers with 5-12 years of rich domain experience. Professionals demonstrating leadership capabilities.
- Ability to thrive in an experimental and peer driven learning environment. Valid GMAT score would have a weighted advantage.
- Personal Evaluation by Written test and Interview.
COURSE CURRICULUM

MODULE 1
8 weeks - NITIE Mumbai

Process & System
DATA ANALYTICS
MARKETING FOR MANUFACTURING
MANUFACTURING SYSTEM DESIGN
FINANCIAL & COSTING ACCOUNT
HUMAN RESOURCES & ORGANIZATION BEHAVIOUR

Manufacturing Strategies
SUPPLY CHAIN MANAGEMENT
MANAGERIAL ECONOMICS
STRATEGIC SOURCING
MANUFACTURING STRATEGIES
OPERATIONS RESEARCH
LOGISTICS PLANNING
STRATEGIC MANAGEMENT & INTERNATIONAL BUSINESS

Emerging Technologies
DIGITAL DESIGN & MANUFACTURING
INDUSTRIAL SAFETY & HAZARDS
SUBTRACTIVE MANUFACTURING
MATERIAL & CORE MANUFACTURING

MODULE 2
10 weeks - NITIE Mumbai

MODULE 3
12 weeks - IIT Delhi

MODULE 4
12 weeks - NITIE Mumbai

SUMMER INTERNSHIP
8 weeks

INTERNATIONAL INDUSTRIAL TREK
2 weeks Germany

MODULE 5

Manufacturing Leadership
DESIGN OF DIGITAL FACTORY
MANUFACTURING LEADERSHIP
STRATEGIC SOURCING
INNOVATION STRATEGIES & FORESIGHT
MACRO ENVIRONMENT & POLICIES
NEW PRODUCT DEVELOPMENT
PROJECT MANAGEMENT
OPERATION PROCESS ANALYSIS & CAPACITY MANAGEMENT
As a part of the curriculum, the Class of 2018 participated in CII Workshops in three modules through the course of the program. During these three modules, they were exposed to the pathbreaking philosophies of VLFM program that developed new perspectives among the participants.

Module – 1: Orientation & Breakthrough Management
The participants were exposed to the pathbreaking paradigms of Breakthrough Management and were introduced to the Five Step Discovery Process that enabled their thoughts to move from the level of abstract to the level of facts. They learned to prepare quick FSDPs that helped to quickly and effectively evaluate the operational processes during the series of industrial visits.

Module – 2: Expanding the Horizontal Perspective & Vertical Exploration of Customer’s Latent Needs
The participants were made to understand the manufacturing as a flow through the supply chain value mapping. By Kano’s Questionnaire, they were made to understand the customer’s latent needs without even letting them know what they are seeking for. They were made to conceptualize unique product/service options with attractive features that cater to customers latent needs. They were encouraged to work on the lines of “Jumping out of the fish bowl” methodology and thereby to think out of the box.

Module – 3: New Business Development & Realizing Business Results
The participants gathered insights on developing strategy and business plan for a new product/service through six step strategy development process. Further they were made to prepare a comprehensive business case for the new product/service through nine step business development process.
LEADERSHIP TALK

Through this remarkable “Drona Leadership Series”, Eminent Industry Personalities & Elite Leaders with extensive domain expertise across various sectors are invited over to NITIE and IIT Delhi campuses to discuss ideas and share experiences that add value to the participants of PGPEX-VLFM program. Through these remarkable lectures the participants will get to inculcate managerial outlook and new age business perspectives that are much needed to stay relevant in the changing market scenarios. These Guest Lectures serve as motivation and help the participants understand the style, perceptions and the methodologies adapted by the leaders to face real life challenges. This serves as the bridge between academia and industry thus motivating and encouraging the participants to think big.

Some of our distinguished speakers that associated with us are:

- Dr. Rahul More, Erehwon Innovation Consulting
- Mr. Shankar Muguru Srikantiah, Anand Group India.
- Mr. Vinay Emmanuel, ‘Goods & Services Tax (GST) expert’
- Mr. Colin Mendes from VoltasBeko
- Mr. Mahesh Padoshi from Johnson & Johnson
- Dr. Rahul Altekar, SAP.
- Dr. Chandan Chowdhury, ISB Hyderabad & Mohali.
- Dr. Rakesh Sinha, Godrej.
- Mr. GL GUPTA, Reliance Infrastructure.
- Mr. Sachin Nair, V-Xpress.
- Mr. Prashanth Murali Kaivar, Tech Mahindra.
- Mr. S Dinesh, Ernst & Young.
- Ms. Saggu Natasha, L&T Infotech.
- Dr. Zubin Mulla, Tata Institute of Social Sciences.
- Mr. Gaurav Agnihotri, Alfa Laval.
- Mr. Shekhar Tiwari, Accenture.
- Mr. Subhash Chandra, CrowdWisdom360
- Mr. Thiru A Thirunavukkarasu, JK Tyres.
- Mr. Nikunj Nangalia, ReNew Power
- Mr. Rohit Koshy, Ernst & Young.

![Image of speakers and participants]
INTERNATIONAL INDUSTRY TREK

As a part of the international trek and technology enhancement program, PGPEX-VLFM Class of 18-19 toured Germany as a part of its one-year curriculum, Germany one of the most important engineering, economic and financial hub in the world. With its vibrant industry corporations and globally successful SMEs, Germany is at the forefront of ‘smart manufacturing’ meaning a new approach towards manufacturing to optimize concept generation, production, and logistics with the help of advanced information and manufacturing technologies. Originating from Germany, “Industrie 4.0” has become the key phrase for this aspect of the digital transformation and German entrepreneurs and change managers are leading the path towards its adoption.

The trip covered Germany’s industrial and technological giants, such as Mercedes, Porsche, IBM, Amazon.de, AIRBUS and STILL where they acquired valuable insights regarding the smart manufacturing processes, strategies and value chain addition meet stringent quality standards with innovation and digital makeover. Amazon is known for its disruption of well-established industries through technological innovation on a massive scale. It is the world’s largest e-commerce marketplace, AI assistant provider and cloud computing platform as measured by revenue and market capitalization. Amazon.de operates its workspace from Munich, Germany.

Mercedes-Benz is a German global automobile marque and a division of Daimler AG. The brand is known for luxury vehicles, buses, coaches, and trucks. The headquarters is in Stuttgart. Since its inception, Mercedes-Benz has maintained a reputation for its quality and durability.

Porsche AG is a German automobile manufacturer specializing in high-performance sports cars, SUVs and sedans. Porsche AG is headquartered in Stuttgart and is owned by Volkswagen AG, which is itself majority-owned by Porsche Automobile Holding SE. Airbus SE is a European multinational aerospace corporation that stood as the world’s second-biggest aerospace and defense company in 2018. Registered in the Netherlands and trading shares in France, Germany, and Spain. Airbus designs, manufactures and sells civil and military aerospace products worldwide and manufactures in the European Union and various other countries.

BASF SE is a German chemical company and the largest chemical producer in the world. The BASF Group comprises subsidiaries and JV in more than 80 countries and 390 other production sites in Europe, Asia, Australia, the Americas, and Africa. Its headquarters is located in Ludwigshafen, Germany. International Business Machines Corporation (IBM) is an American multinational information technology company headquartered in Armonk, New York, with operations in over 170 countries. IBM has its IoT hub in Watson IoT Headquarters (Munich, Germany).

For a long time STILL has been one of the leading suppliers of forklift trucks, platform trucks, and tractors plus the latest Intralogistics systems. With around 9,000 employees, 4 production plants, 14
In a changing business climate, traditional management education needs to combine with pragmatic technological management education which provides rich ground for developing managerial theories that are less “fuzzy” and practically more relevant to industry needs.

As it is quite apparent in the industries that management studies are not just about theoretical constructs, but must instead address practical resolutions and problem-solving in the real business world, PGPEX-VLFM program at NITIE & IIT D is meticulously designed to cater to this industrial, need of the hour. For this course, participants with a minimum of 5 years of experience have been chosen after a rigorous selection process and they bring a plethora of real-life experiences of problem-solving, business development, project management, etc. This one year cohesively structured program helps them groom their leadership expertise as they undergo the paradigm of experiential techno-managerial learning, also this course has a perfect amalgamation of managerial pedagogy at NITIE Mumbai and technical pedagogy at IIT Delhi which aids the aspiring leaders to gain the skill of judicious decisions making at a senior position. At last, given the diversity of industry needs, visionary leadership course produces the changemakers who embrace disruption and harness the disruptive nature of technology advancement to push the boundaries with unconventional thinking.
PREVIOUS BATCH STATISTICS

Batch Statistics
Class of 2018-19

- 72-83: 11%
- 96-108: 56%
- 120-131: 22%
- 132-144: 11%

Experience Distribution

Placement Statistics

- Consulting: 22%
- Hospitality Services: 33%
- Manufacturing: 34%
- E-commerce / Retail: 11%

33 companies associated

Highest CTC offered: 19.5 LPA
Average CTC: 16.8 LPA
Average Experience: 8.3 years

Companies associated with us
CURRENT BATCH STATISTICS

Experience Distribution

- 23% 8 years Average work experience
- 15% 30 years Average age
- 27% 25% International exposure

Functional Domain Distribution

- 61% Operations Management
- 11% Consulting
- 4% Supply Chain
- 4% Project Management
- 8% Quality Management
- 4% R&D

Industry Diversification

- 4% Tele Communication
- 12% Steel & Metal
- 12% Power
- 4% Packaging
- 4% IIT/ITES
- 8% O&G Gas
- 4% Mining
- 4% Home Appliance
- 4% Cement
- 4% Banking
- 4% Automobile
- 31% IIT/ITES
- 15% Steel & Metal

Companies we came from
<table>
<thead>
<tr>
<th>Name</th>
<th>Last Company</th>
<th>Industry</th>
<th>Total Work Exp (Years)</th>
<th>Work Domain</th>
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<td>Rajdeep Kuthe</td>
<td>OMS Pvt. Ltd. (Haldia Petrochemicals)</td>
<td>Oil &amp; Gas</td>
<td>6.8</td>
<td>Operations Management</td>
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<td>Avishek Saha</td>
<td>Vedanta Ltd.</td>
<td>Power</td>
<td>8.9</td>
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<td>Akshat Verma</td>
<td>Maruti Suzuki India Ltd.</td>
<td>Automobile</td>
<td>8.0</td>
<td>Project Management</td>
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<td>Amit Kumar Sahu</td>
<td>BALCO - Vedanta Resources</td>
<td>Metal &amp; Mining</td>
<td>5.8</td>
<td>Operations Management</td>
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<td>Ashutosh Swaroop</td>
<td>Indus Tower Ltd.</td>
<td>TeleCommunication</td>
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<td>Supply Chain Management</td>
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<td>Subhamay Deb</td>
<td>Phoenix Conveyor Belt Ltd.</td>
<td>Metal &amp; Mining</td>
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<td>Chetan Bhaskar Gavhale</td>
<td>Aditya Birla Group</td>
<td>Power</td>
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<tr>
<td>Mohon Krishna Vinnakota</td>
<td>SNAM Alloy Pvt. Ltd.</td>
<td>Metal &amp; Mining</td>
<td>6.0</td>
<td>Research &amp; Development</td>
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<td>Pradeep Kumar Shrivas</td>
<td>L&amp;T Nabha Power Ltd.</td>
<td>Power</td>
<td>8.1</td>
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<td>Chitra Bajpai</td>
<td>Hero Moto Corp.</td>
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<tr>
<td>Nikhil Khandelwal</td>
<td>Thermax Ltd.</td>
<td>Power</td>
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<td>Operations Management</td>
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<td>Hanuman Prasad Chinnari</td>
<td>Reliance Industries Ltd.</td>
<td>Oil &amp; Gas</td>
<td>7.8</td>
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<td>Yashvinder Khanna</td>
<td>Sanden Vikas Pvt. Ltd.</td>
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<td>7.1</td>
<td>Project Management</td>
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<td>Dilip Kumar</td>
<td>Vedanta Resources</td>
<td>Metal &amp; Mining</td>
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<td>Debojit Maitra</td>
<td>Reliance Cement Pvt. Ltd.</td>
<td>Cement</td>
<td>8.1</td>
<td>Project Management</td>
</tr>
</tbody>
</table>
BATCH PROFILE

**Ganesh Tated**

**Education:** B.Engg - Production College of Engineering Pune  
**Key Skills:** Operations, Supply Chain, Entrepreneurship  
**Experience:** 63 months

A dynamic and goal driven professional with 63 months of experience in manufacturing sector with specialization in Operation Management, Supply Chain and Entrepreneurship.

**OWENS CORNING/ Senior Production Specialist**  
Led a team of 150 personnel in four processes to achieve targets of INR 160 Cr finished goods every month with optimal utilization of resources.  
Proposed and executed a productivity improvement project by debottlenecking of two SKU’s which resulted in reduced cycle delay time and hence 20% increase in productivity further generating spare capacity worth INR 384 Cr per year.  
Worked on Trim Width Reduction and its traceability resulting in reduction of 30% trim wastage (worth INR 9.6 Cr).

**PAKYO SOLUTIONS PRIVATE LIMITED/ Co-Founder**  
To contribute to the Indian agriculture industry, started a firm in order to manufacture Polypropylene woven sacks for packaging. Supplied over 0.5 million bags.  
Responsible for vendor development & rationalization, product development, factory setup & streamlining operations.  
Henceforth, I will be acting as a sleeping partner.

**JINDAL POLY FILMS/ Shift In-charge**  
Managed cross functional team and engineers from Taiwan for commissioning of Extrusion Coating machine.

**SUPRABHA PROTECTIVE PRODUCTS PVT LTD/ Assistant Manager**  
Monitored overall PPC Operations to achieve FG targets of over INR 60 Cr per year.  
Class Representative for PGPEX-VLFM Class of 2020.  
Awarded for outstanding achievement and contribution in Operations for year 2016.

https://www.linkedin.com/in/ganesh-tated-18a37350/

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**Harsh Vardhan Kumar**

**Education:** B.Engg - Industrial & Production BIET Davangere  
**Key Skills:** Operations Management, Supply Chain, Organisation Structure Design, Process Optimization  
**Experience:** 66 months

A motivated dynamic professional with 5+ years of experience with implicit talent & tenacity to excel across various fields majorly in the areas of Operations Management, Supply Chain and Process Improvement.

**Tata Steel Ltd- Manager Productivity Services Department**  
Designed and Led company wide initiative of Simplification (Savings Rs~5Cr) Operation and Services Cost based on Lean methodology to optimize work and systems.  
Led productivity improvement project (white + blue) using Lepak Snell Methodology which led to productivity enhancement by 5 points (from 750 to 755 tcs/employee/yr)  
Reduced avg. Turn Around Time from 43 to 25 days using Value Stream Mapping resulting in recurring cost avoidance of Rs 0.2Cr.

**MRF Tyres LTD – Executive Industrial Engineer**  
Led project on optimization of Contract Labour across 7 production units by optimizing contract force and curtailing Service Contract resulting in Rs0.38Cr cost savings.  
Conquered JIT and 22% increase in SKU’s coverage in logistics by efficient demand planning and by optimizing WIP inventory.  
Designed and Developed Automated Planning & Scheduling System to sustain fluctuating marketing demand of different SKU using Holt- winters methodology.

**Golden Fabricators Pvt LTD-Industrial Engineer**  
Established Time & Method Standards for garment manufacturing operations for effective line balancing.

- Represented Tata Steel in CII Eastern Region Productivity Awards- 2018 and won Runner up Prize in Sustained Productivity.  
- Facilitated NGO for upliftment of penurious population in Gumla, District of Jharkhand.

https://www.linkedin.com/in/harsh-vardhan-07550658/
## Batch Profile

### Raunak Singh

**Education:** B.Tech - Electrical Engineering  
BBDNITM, Lucknow

**Key Skills:** Project Management, Operation excellence, Operation & Maintenance, Inventory Management

**Experience:** 70 months

A self-motivated and a thorough professional with 5.8 years of experience in operations and maintenance, operational excellence, inventory management, project planning and execution in diversified sectors ranging from the refinery to power to aluminum.

**Assistant Manager – Hindalco Industries Limited (Aditya Birla Group)**
- Spearheaded a cross-functional team of 24 members as Area Head at the aluminium smelter and significantly increased Green Anode plant availability from 80% to 85%
- Devised MRO Inventory optimization by preparing spares criticality matrix using ABC, XYZ and VEDI classification, thus reduced excess shop floor inventory
- Performed root cause analysis & developed FMEA sheets to extenuate failure of equipment in the future
- Executed plant improvement projects like development of MES report generation software (Saving of 40 lakh), also carried out Industry 4.0 projects like motor sensor installation and advancement of the virtual server

**Junior Manager – JSW Energy Limited**
- Prepared annual maintenance budget & Capex proposal worth 8 crore in coordination with cross-functional teams
- Member of IMS internal audit team, prepared CAPA, SLA & Risk assessment register

**Engineer – Steag Energy Services**
- Prepared & revised documents like SOP, SMP, JSA and strictly adhered to safe working practices, thus maintained all statutory compliance
- CEA certified training in operation and maintenance of power plants
- Awarded ABG REPRISM award for work in Digitization
- Certified Six Sigma Green Belt Professional

[https://www.linkedin.com/in/raunaks24/](https://www.linkedin.com/in/raunaks24/)

### Amit Kumar Sahu

**Education:** B.Engg - Mechanical  
SSIPMT Raipur

**Key Skills:** Strategic planning, Vendor Management, Supply-Chain Management

**Experience:** 70 months

5 years 10 months of progressive experience within commissioning, startup and operations, managing indirect services, strategic outsourcing, project and supply chain management

**Vedanta Resources Ltd-Balco/ Assistant Manager**
- Spearheaded 325 KTPA Greenfield Smelter Commissioning, Startup, Operations of 336 electrolytic cells based on GAMI Technology as a Startup In charge along with driving standard work practices and continuous improvement for smooth operation of Potline-Smelter and related activities
- Took initiatives to achieve high purity metal, high current efficiency, low power and voltage consumption, lower COP, effective scrap utilization and efficient man hours utilization. Achieved online 340 KA pot startup for the first time in Indian smelter
- Successfully completed Projects on Beam movement failure rectification, Pot Controller Sensors Enhancement, Insulation updgradation, tapping Ladle modifications
- For resource optimization, conducted cross sectional Asset Optimization audits, 5S, Gemba visits, Safety Compliance Audit, PV Audits and organized various Mock drills
- Achieved localization of 70% parts in terms of buy value saving 13.5 crores utilizing in-house resources.
- Evaluated vendors & negotiated the price, delivery schedule, Supply-Chain issues and terms and conditions with them.
- CEO Kitty Award for Designing Marking Apparatus & Beam Inclination Sensing Device
- Certified Six Sigma Green Belt Professional
- Certified Trainer of Quality Circle. Awarded with QC Gold Award at Bhilai

[https://www.linkedin.com/in/amit-sahu-048801182/](https://www.linkedin.com/in/amit-sahu-048801182/)
BATCH PROFILE

Mohon Krishna Vinnakota

Education: B.TECH – Mechanical, JNTU HYD
M.TECH – Metallurgy, NIT Trichy

Key Skills: Research, NPD, Robotics, New Tech

Experience: 72 months

A dynamic and goal driven professional with 6.0 years of experience in Research and Project Management with specializations in NPD, Innovation and Industrial Automation

SNAM ALLOYS PVT LTD, R&D/ Team leader
-Managed a team of five research engineers handling 14 projects in the area of Research, New Product Development (NPD), New production process planning and execution, Industrial automation and Waste management of worth INR 100 million
-Implemented ideas in new process improvement projects which resulted in yield increase by 11% worth ~4000T/yr
-Spearheaded multiple design and development projects for effective use of ladles which resulted in reduction of production losses by 4% (from 6% to 2%)
-Worked close knit with Executive Director (R&D) for effective utilization of team to meet project timelines and increase customer delivery compliance

SNAM ALLOYS PVT LTD, R&D/ Research Engineer
-Led the projects on the design and development of three new automatic material feeding equipment, Nodularity predicting equipment, new Ferrosilicon-alloy products for ductile iron and special grades cast iron production
-Led the project on the innovations in the production process like: Robotic plunging stations, Special Purpose Machines and automatic bag packing machine
-Obtained lifetime membership in "Indian Institute of Metals"
-"Uncertainty of Measurement in Testing & Calibration" organized by CII
-1st Prize for Paper Presentation at "Behind the Teacher’s Desk 2013" at NML

https://www.linkedin.com/in/mohon-krishna7012/

Nikhil Khandelwal

Education: B.Tech - E.C.E MAIET Jaipur

Key Skills: Project execution, Strategic planning, Inventory management, Process optimization

Experience: 84 months

Dynamic professional having 7.0 years of experience in Operation Management, Project Execution, Planning & scheduling, Cost Reduction and Inventory Management

Thermax / Asst. Facility Manager
-Directed cross functional team of 10 Members for successful commissioning of 4 Green Field Utility Projects worth Rs 200 Cr
-Spearheaded cross functional team of 6 executives for Operation Management of utilities across PAN India
-Led PAN India procurement team for efficient fuel consumption using Supply chain scheduling and effective inventory management techniques
-Developed Fuel utilization framework for Biomass fuel based on seasonal & local availability to optimize the Fuel Cost by Rs 7.8 Cr annually

Alok Industry/ Project & Utility Engineer
-Associated with 12 members Project execution team for successful commissioning of Utility Projects worth Rs 180 Cr of 160 TPH capacity
-Accomplished Quality circle using Lean Concepts to optimize chronic issues resulted in yield enhancement by 11%
-Optimization of 7 wastes at shop floor by continuous monitoring and risk analysis

-Best Performance Recognition in Operation in FY-17
-Certified Energy Manager by Bureau of Energy Efficiency under Ministry of Power

https://www.linkedin.com/in/nikhil-khandelwal-20b8a040/
BATCH PROFILE

Ashutosh Swaroop

Education: B.Tech Instrumentation, IIT Kharagpur

Key Skills: Supply Chain Management, Data Analytics, ISO Auditor, Costing & Budgeting

Experience: 84 months

A dynamic and result oriented professional with 7 years of experience in steel and telecom sector with specialization in Supply Chain, Strategic Procurement, Costing & Budgeting, Inventory Optimization, Process Improvement and bid process management

SCM Build Services Manager - Indus Towers Limited
Feb’19 – Jul’19
-Managed circle build services & corporate cross-functional teams for timely delivery of Telecom Tower, Extreme Scale projects, Smart City Projects, FTTH Projects & Tower
-Strengthening of 1.2 lakh plus towers on PAN India Level.

SCM Purchase Manager - Jindal Steel and Power Limited
Jul’12 – Feb’19
-Proficiently monitored procurement & management of a vast purview of raw materials for 3 Million Ton Integrated Steel & Power Plant and Cement Manufacturing Industry with annual procurement portfolio of Rs.500 Cr with year on savings of 5%
-Ensured effective preparation & designing of Quality Norms in association with
-Technical lead for purchase (Jindal Steel & Power Ltd) of Refractory Items and Ferro-Alloys (together worth Rs. 400 Crores) which resulted into minimizing quality deviation and risk purchase buy
-Managed sourcing of material from Local (Rs 300 Cr) and Imported (Rs 200 Cr) suppliers to maintain cost leadership and supply assurance
-Collaborated with the potential vendor for negotiation, pricing and logistics in conjunction with Regional & Global Procurement

-Yashvinder Khanna

Techno-functional post-graduate professional with experience in Project planning & management, Operations management, New product design & development, Client & vendor management & Cost optimization projects in automotive components domain

Sanden Vikas India Pvt. Ltd. / Sr. Engineer
-Spearheaded new product development projects from product’s initiation to final implementation, resulting in improved production and quality
-Conducted detailed design analysis on defects during new product’s trials, evaluated methods and gap analysis of the problems to prevent their re-occurrence at mass production and increased tool life
-Analysis of product’s feasibility in carving design conceptualization and implementation as per available technology specifications
-Collaborated with cross functional teams to finalize and freeze design activities

Bonsai Engineering works / Engineer
-Responsible for preparation of CAD drawings for shop floor manufacturing
-3D component designing of products using CAD softwares
-Won in SGA (small group activities) World Block Convention with topic In-process rejection reduction held at Sanden, Singapore in AUG’18
-Won in SGA (small group activities) Asia Block Convention with topic In-process rejection reduction held at Sanden, Thailand in AUG’17
-30% cost optimization in die cost through successful localization of dies

https://www.linkedin.com/in/yashvinder-khanna-aba16199/
**BATCH PROFILE**

**Rajdeep Kuthe**

**Education:** B.Tech - Electrical Engineering AEIMD, WBUT Kolkata  
**Key Skills:** Project Management, Operation Excellence, Operations Management, Business Development  
**Experience:** 85 months  

A dynamic and goal driven professional with 7.1 years of experience in Manufacturing & Energy sector with specialization in Operations Excellence, Business Development, Planning & optimization.  

**DCS Panel Engineer – OMS Pvt Ltd(Under Haldia Petrochemical Ltd)**  
- Managed a cross functional team for successful rectification of plant lighting for reducing the power consumption, net worth 20 lakhs  
- Managed shift operation of 116 MW captive power plant  
- Responsible for PTW systems for safely execution of maintenance activities  
- Partnered with Business groups to develop mid to long term Supply/Demand Forecast using different forecasting techniques and strategizing the plant production planning  

**Operation Engineer – Steag Energy services India Pvt Ltd**  
- Led cross functional team for successful commissioning of Moser Baer 1200 MW power plant  
- Led operational excellence projects for 225 MW gas based power plant at Uttarakhand  
- Led a team of 4 members for optimizing the overall house load consumption  
- Worked as techno commercial engineer for both Gas & Coal based power plant  

**Electrical supervisor – Sree Durga Engineering works**  
- Led a maintenance team of 5 members for successfully overhauling & maintenance of the different types of process boilers from 10 to 50 tph capacity  
- Execution of different kind of commissioning activities  

- CEA certified training in operation and maintenance of power plants  
- Got Second Prize in Inter school Drawing Competition  
- Certified Six Sigma Green Belt Professional  

[https://www.linkedin.com/in/rajdeep-kuthe-3429745a/](https://www.linkedin.com/in/rajdeep-kuthe-3429745a/)

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**Ilangovan Viswanath**

**Education:** B.Tech - Chemical Engineering Anna University Chennai  
**Key Skills:** Project management, Project Appraisal, O&M  
**Experience:** 85 months  

A dynamic professional with 7+ years of experience in Project Management, Operations Management and techno-economic viability study of projects  

**Bank of India/ Technical Appraisal Officer**  
- Carried out Financial viability study of a Pharma unit and a Solvent Extraction unit with an aggregate limit of Rs. 40 Crore. Carried out Vetting of Seya Industries whose term loan component was Rs. 30 Crore in a week's time  
- Carried out Technical Due diligence of Dahanu Thermal Power Station Unit-1, 2 - as part of financing Adani -Reliance Power acquisition deal worth Rs. 2000 Cr  
- Analyzed Power Sector portfolio of the bank worth 22000 Cr for factors that led to NPAs  

**Nuclear Power Corporation of India Limited (NPCIL)/ Scientific Officer-D**  
- Actively collaborated with Erection and Maintenance agencies for commissioning of process equipment & systems at Kudankulam Nuclear Power Project of capacity 1000MW  
- Responsible for Testing & Commissioning of refrigeration system of capacity 2000 Ton of Refrigeration, largest capacity chiller plant installed in India  
- Trained and upskilled four junior Field Engineers who joined the crew  
- As an Assistant Control Engineer participated in start-up and shut down of primary and secondary systems, Was responsible for control and operation of reactor, turbine auxiliaries & common utility systems  

- Awarded Outstanding Promotion for my efforts as a Commissioning Engineer at KKNPP  
- School second ranker in higher secondary examinations scored 1147/1200 (class of 130)  

[https://www.linkedin.com/in/ilangovanv/](https://www.linkedin.com/in/ilangovanv/)
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<th><strong>BATCH PROFILE</strong></th>
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<tr>
<td><strong>Sumit Kumar</strong></td>
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<tr>
<td><strong>Education</strong>: B.Tech - Metallurgy NIT Surathkal</td>
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<tr>
<td><strong>Key Skills</strong>: Operations, planning, project, process optimization</td>
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<tr>
<td><strong>Experience</strong>: 85 months</td>
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<tr>
<td><strong>Position</strong>: Assistant Manager - Hindalco Industries Ltd</td>
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<tr>
<td>- Spearheaded a team of 50 members in Potline (smelter) for Production, Planning, safety &amp; Process control</td>
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<tr>
<td>- Responsibilities include troubleshooting of criticalities and performing operational activities of the pot line with maximum efficiency including cross functional coordination with other departments for every day's smooth operations</td>
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<tr>
<td>- Achieved annual cost saving of Rs 6 Cr by initiating effective energy management and process optimization</td>
</tr>
<tr>
<td>- Led implementation of various engineering projects pertaining to cost reduction, increasing efficiency by 12% and production of high grade metal as per customer demand</td>
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<tr>
<td>- Process troubleshooting and stabilizing operation for increase in quality production, decrease C.O.P. and optimization of the usage of raw materials</td>
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<tr>
<td>- Experience in conceptualization &amp; Refractory Lining of 360 nos. of Pots in the Pot Room as per AP specifications (Aluminium Pechiney France), worth 720cr INR</td>
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<tr>
<td>- Reduced TAT from 8 to 5 days for Preparation of dead pot resulted in saving of 0.6Cr</td>
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<tr>
<td>- Active Team member for setting up the Business Plan</td>
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<td>- Awarded for maintaining the highest quality standard on shop floor for two years</td>
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<tr>
<td>- Awarded “CHAMPIONS” award through PRAISE platform of ABG group</td>
</tr>
<tr>
<td>- Awarded for producing highest export grade metal, with better process control</td>
</tr>
<tr>
<td><strong>LinkedIn</strong>: <a href="https://www.linkedin.com/in/sumit-kumar-18b19917/">https://www.linkedin.com/in/sumit-kumar-18b19917/</a></td>
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</tbody>
</table>

| **Sushant Saurabh** |
| **Education**: B.Engg - Mechanical IIST Indore |
| **Key Skills**: Project Management, Data analytics, Lean Six Sigma Implementation |
| **Experience**: 89 months |
| **Position**: Project Manager for detailed design engineering solutions, Lean Six Sigma Black belt certified professional with rich project experience, extended support in implementation and mentoring of process improvement plans |
| **Andritz / Consultant** |
| - Led CAD-PLM team and Field Service Management team, where I steered troubleshooting of various global issues pertaining to CAD-PLM and FSM |
| - Supervised creation of new part families, ensuring compliance with project procedures and ISO standards |
| - Monitored process enhancement and quality assurance of design engineering projects |
| **TCS / Project Manager | Indian Navy(Submarine Design Group) | Medical Device Design** |
| - Administered the project activities from conceptualization to execution which includes technical specifications, stage inspections, deployments and resource optimization |
| - Gathered product specifications and directed the change management process |
| - Managed detailed engineering of various systems, did customer relationship management, clash resolution and ensured deliveries with in time and budget |
| - Six Sigma (DMAIC/PDCA framework) implementation in various projects |
| - Created detailed project reports & plans after thorough discussion with clients |
| - Significant Exposure of Data Analytics, Good Knowledge of MINITAB software |
| - Prepared project proposals, man-hour estimates and finalization of deliverables |
| - Lean Six Sigma Black Belt & trained in JAVA at ILP TCS |
| - Client Appreciation from Indian Navy, for achieving 100% CSI |
| **LinkedIn**: https://www.linkedin.com/in/sushant-saurabh-a649a75a/ |
A dynamic professional with 7+ years of experience in domain of Greenfield Project Execution, Planning & Scheduling by effectively managing supply trends to seek growth opportunities by delivering value-building results

Reliance Industries Limited/ Manager
- Managed a team of 10 members for optimization and efficient practices for maintaining budget limits by sustainable procurement planning

GMR Airports Developers Limited/ Associate Manager
- Directed a team of 20 members to ensure hassle free operations to ensure equipment availability for more than 99.5%
- Spearheaded a cost saving project by guiding a team of 10 members to successfully complete implementation of "Energy Saving Project" resulting in 2 Cr of Recurring Savings

GMR Chhattisgarh Energy Limited/ Associate Manager
- Led techno-commercial project and worked close knit with Government Authority for tax exemption of Machinery resulting in 400 Cr cost avoidance
- Designed a Framework for cable laying by Modernization resulting optimization of traditional work practices resulting in man-hours optimization by 30%
- Certified Energy Auditor by Bureau of Energy Efficiency under Ministry of Power
- Awarded with Certificate of Appreciation by COO for successfully implementing spare indigenization, resulting in 2 Cr cost savings annually
- Certified Six Sigma Green Belt Professional

https://www.linkedin.com/in/hanuman-prasad-chinnari-29634934/

8 Years of experience in domains of Project Planning, Project Execution and Operational Excellence in Oil & Gas sector. A Data Science aspirant. Completed two online courses - Data Analysis, Machine Learning from Coursera

ONGC Petro additions Limited- Sr. Executive
- Managed an inventory of INR 10 cores containing spare parts and ancillary equipment using Economic Order Quantity (EOQ) model for reduction in inventory holding cost and easy procurement
- Provided best support as a team for Commissioning & Stabilization of OPaL
- Managed cross-functional teams for completion of plant maintenance involving 12 persons

Haldia Petrochemicals Limited- Assistant Manager
- Shift in charge at Naphtha Cracker Unit and Naphtha Cracker Associated Unit
- Root Cause Analysis, developed SMPs, various checklists and risk assessments to achieve operational excellence
- Implemented online leak sealing techniques resulting perpetual savings of steam

GPT Infraprojects Limited- Engineer Mechanical
- Started my career as procurement & production engineer of railway-wagons
- Executed wagon inspection validating The Research Designs and Standards Organisation, ISO 9001 compliance standards
- Fabrication expert : 100 of BOXNHL-MBS WAGONS served for Indian Railway
- National Adventure Foundation Certificate for adventure activity
- Best Near Miss awardee in ONGC Petro additions Limited
- Six sigma green belt

https://www.linkedin.com/in/ashish-goyal-aa52a7105/
Akshat Verma

**Education:** B.Engg - Industrial & Production, Delhi College of Engineering

**Key Skills:** Project Management, New Product Development, New Tech. Introduction, Capex Procurement, Data Analytics

**Experience:** 96 months

A self driven and result oriented professional with 8 years of comprehensive experience in project & operations management across India's top business conglomerates

**Reliance cement company Pvt. Ltd. (A unit of M.P Birla corp.) / Assistant Manager**
- Led project execution team for two Loesche VRM, cap of 2.37 MTPA , worth 400cr INR
- Reduced OPEX by 5.2%/annum through Budgeting, Strategic planning, and Resource management
- Optimized more than 10 chronic issues by quality circle activity, using lean concepts
- Awarded as best individual performer in FY 17-18 at Maruti Suzuki
- Awarded as best team to develop & implement new model concern sharing system
- Implemented dual tone painting system for the first time in India operations for Suzuki

**Lafarge India / Electrical Engineer**
- Involved in cross functional team for Greenfield project execution, cap of 1.8 MTPA , worth 2500cr (INR)
- Engaged in Contract management, Negotiation and Finalization of the project assets with M/s Sinoma, China
- Prepared project closure, Delay analysis for Dense Phase project, worth 100cr (INR)
- Established global standard Process automation, focusing on industry 4.0 and IoT
- Viom Networks Ltd. (Joint network of Tata Tel and Quippo) / Get
- Spearheaded 20 members team to Optimize the Mobile Tower passive infra
- Enhanced RoMH revenue by 7%, through forecasting, planning, scheduling of uninterrupted power supply

**Experience:** 97 months

Debojit Maitra

**Education:** B.Tech - Electrical Engineering WBBT Kolkata

**Key Skills:** Project Strategic Planning and forecasting, supplier management

**Experience:** 97 months

Techno-commercial project manager with abilities in successfully leading new model projects , capital projects, revenue projects, capacity expansion projects & introduction of new technologies in automobile business

**Engineering & Prototyping Lead – Ncube Designs (startup experience)**
- Market research for electric vehicles (EV) being developed for India by EU & Chinese
- Managed engineering and prototyping of these vehicles in India

**Deputy Manager – Maruti Suzuki India Limited (MSIL)**
- Devised strategies for new model, capex, cost down & new tech. introduction projects
- Managed department capex budgets & costing for new model introduction projects
- Developed & led a team of young engineers for implementing new projects in 4 plants
- Supervised project plans & optimized activities, budget as per requirement
- Presented regular project progress reports with the senior management
- Accomplished overall savings of INR 230 (Mill) with cost down projects

**Senior Executive – Honda Cars India Ltd(HCIL)**
- Digital Mock-Up of new models with R&D(Japan) before trials & production
- Design, development & procurement of plant equipment’s before trials & production
- Development of new colors with major paint manufacturers KNP, BASF and APPG

**Deputy Manager – Maruti Suzuki India Limited (MSIL)**
- Led project execution team for two Loesche VRM, cap of 2.37 MTPA , worth 400cr INR
- Reduced OPEX by 5.2%/annum through Budgeting, Strategic planning, and Resource management
- Optimized more than 10 chronic issues by quality circle activity, using lean concepts

https://www.linkedin.com/in/akshatverma89/
**BATCH PROFILE**

**Pradeep Kumar Shrivas**

**Education:** B.Engg - Electric & Electronics BIT Durg  
**Key Skills:** Operational Excellence Root Cause Analysis, Process Engineering  
**Experience:** 97 months

An dynamic and goal driven professional with 8.1 years of experience in Power Generation with specialization in Operation Excellence, Process Engineering, Optimization and Project Execution.

**L&T Nabha Power Limited/ Assistant Manager**  
-Led cross functional team of 700x2 MW Supercritical Power Plant ensuring safe, efficient and quick operations with continuous improving Performance Parameters.  

**KSK Energy Ventures/ Senior Engineer**  
-Responsible for safe, efficient and quick operation of 600x6 MW (Akaltara CG) Power Plant. Managed Emergency caused by equipment failure and human errors.  
-Identified and troubleshooted process parameter deviation. Developed operational check sheets for efficient operation and extenuated failure of equipment in the future.

**Lanco Power Limited/ Engineer**  
-Performed Control Desk and Local Operation of 600x2MW (Anpara UP) and 300x2(Korba CG) Power Plants including Switchyard and Ash Handling plant.  
-Performed Annual Overhauling and Re-commissioning Projects at Anpara and Korba, was deputed for Commissioning Project at 2x600MW MBP(MP) LTD Anuppur, MP

- Certified Boiler Operation Engineer, Certified First Aider.  
- Won several tech fest and Quiz competitions at College and School.  
- Certified Six Sigma Green Belt Professional  

**Chitra Bajpai**

**Education:** B.Tech - Chemical Technology HBTI Kanpur  
**Key Skills:** Project Management, Vendor Management, NPD and Industry 4.0  
**Experience:** 98 months

A self driven and result oriented professional with 8 years of comprehensive experience in project & operations management across India's top business conglomerates

**Hero Moto Corp – Associate Manager**  
-Devised planning strategies for management review regarding installation and commissioning of surface coating section worth capex INR 110 cr. in FY-2019  
-Steered initiatives in digitization through IOT & Data Analytics which positively impacted operational efficiency by 15 %  
-Worked extensively with suppliers teams from Germany, Malaysia and Denmark, developing strategic partnerships  
-Spearheaded cost optimization project at international business unit of Hero moto Corp (Bangladesh), achieved the saving of INR 2.89 cr

**Tata Motors Ltd - Assistant Manager**  
-Devised mechanism for color harmony process (Color matching of body-bumper), using SPC techniques,10% reduction of rejection qty  
-Established WCQ (World class Quality) Level 1 & Level 2 and managed the operations for implementation of WCQ L 3  
**Asian Paints Limited - Researcher**  
-Innovated the new formulas for the exterior paints shade card changing the recipe using color optimization technique, completed the 300+ colors

-Identified as leader by company for ‘Women in Leadership’ certification program in collaboration with BML Munjal University  
-National Winner of Manufacturing Quiz ‘Anvesh-18’ conducted by CII  

https://www.linkedin.com/in/chitra-bajpai-28725717/
8 years 11 months of progressive experience in thermal power plant in operation excellence, planning, production cost reduction, inventory management, vendor management, energy management, business excellence.

Vedanta Limited-Jharsuguda/ Assistant Manager
- Reliability enhancement through water system improvement project, replacing old Chinese ID fan, Mill motors by Crompton Greaves motor
- Achieving budgetary maintenance plan through cost tracking mechanism, optimizing inventory through procurement & consumption balance, spare categorization, consumption pattern analysis, setting minimum maximum levels
- Analyzing and suggesting improvement in equipment downtime based on reliability centered maintenance through reliability runs(MTTR & MTBF) and maintenance logs
- Took initiatives to implement energy management system. Did energy saving improvement projects which saved 2 lacs yearly
- Successfully completed installation of 30 MW DG which was 50 crore rupees project to enhance reliability
- Involvement in Asset Optimization activities including maintaining of PM/CM compliance, RCA
- Driving system initiatives like six sigma, KAIZEN, 5S, TQM at shop floor
- Steering contractor performance by assessing 25 electrical engineers based on their domain knowledge, skill mapping, core competency and shop floor discipline.
- Certified Six Sigma Green Belt from KPMG
- Got safety icon of the month and best KAIZEN award for water system project
- Got recognition letter from partner company STEAG for saving 1Cr

https://www.linkedin.com/in/avishek-saha-abb9a4a5/

Dynamic & target orientated professional with 9.3 years of versed experience Project & Operation management, Spares & Inventory Management, ISO audits, RCM & WCM.

Operation manager, Hindalco Industries Ltd.
- Directed all phases of Green Field project worth 250 crores along with OEM’s.
- Commissioned plant in absence of Technology supplier to achieved PG parameters.
- Prepared & executed annual P&B, Inventory control, CAPAEX & OPEX proposals.
- 35 Lacs Project executed to release blocked cash of 23 Cr & savings of 5.5 lacs annually.
- Executed ZBB concept for spares planning & reduced store inventory cost by 15%.
- Part of team responsible for ISO 9001, 14001 & 50001 certification.
- Led team for Implementing RCM, preparation of FMEA for Super critical equipment’s which results in reduction of 5% of the annual maintenance cost & reduction in MTBF.
- Team member of six sigma project for reduction of rejection from 1.2% to 0.8% resulting in savings of 8 lacs per month

https://www.linkedin.com/in/anujsharma86/
BATCH PROFILE

Gaurav Bhardwaj

Education: PGD Int'l Business operations
B.Tech - Mechanical and Automation

Key Skills: Project management, Strategic Sourcing, New Product Development and Data Analytics

Experience: 114 months

Dynamic professional with 9.5 years of experience in supply chain, project management, NPD and innovation in a leading consumer appliance company including 3 years of international experience.

Global Technology Centre, Whirlpool of India Ltd / Deputy Manager

- Expert in management of High Tech Engg components for Washing machine (plastic, casting, elastomer, electromechanical) annual volume > 100K units
- Led VA/VE and Quality Projects for Front load washing machine in Italy.
- Total cost saving achieved 3.5 Euros / unit for annual volume of 120K units in Italy.
- TCQ / process improvement: Achieved SIR of 4% from existing 12% in Italy.
- Led end to end NPD for wash system design for Top Load washing machine in Commercial Laundry Segment, USA (Onsite 1 year).
- Resolved multiple supplier quality issue for Manufacturing plant, Clyde Ohio, USA.
- Spearheaded multi-site project for Front Load Wash/dry combo.
- Delegated to China for end to end supply chain formation for 22 components.
- Executed supplier capability analysis and reliability study while in Germany.
- Project manager, NPD for 25 components of Front load washing machine in Germany.
- Executed projects in Whirlpool Germany related to NPD, strategic sourcing including supplier selection, quality and reliability, PPAP.
- Led R&D and innovation projects for advance technology: IOT connected appliance, No water washing, leakage sensors etc.

- Published United States Patent No.9885136 for Laundry Treating appliance
- Certified Six Sigma Yellow Belt by TUMx ASQ
- Received Multiple Spot awards for project excellence & client management

https://www.linkedin.com/in/gaurav-bhardwaj-27694430/

Dilip Kumar

Education: B. Tech - Chemical Engineering
BIT Sindri

Key Skills: Supply chain management, project management, operation management.

Experience: 120 months

Dynamic and meticulous experience of 10 years in the field of project management, supply chain management and operational excellence

Hindustan zinc limited (vedanta resources plc.) Udaipur

Expansion project 1.5MTPA plant erected and commissioned in record time of 13 months saving overall cost by 50 crores.

Led the SIX SIGMA PROJECT for grinding media and power reduction by 2% and 3% respectively in milling section with project outcome sustainable in subsequent financial years

Key team member for automation projects in grinding and flotation area starting with material procurement to equipment installation (50 crore capex budget)

Spearheaded the logistics section with maximisation of concentrate transportation and reduction of cycle time (loading and unloading).

Mill throughput increased from 200TPH to 225TPH with increase in cost revenue for 30 crores on quarterly basis.

Machine learning project of AT KEARNEY actively carried out under my guidance for cost saving project of 5 crores.

Active member of T-400 project of COP reduction from mine to metal (900 to 400$)

- Secured meritorious position in Natinal talent search examination..
- Awarded for project completion by AVP (projects) of vedanta resources plc.
- Got second prize in mastermind quiz on district level.

https://www.linkedin.com/in/dilip-kumar-69475318/
BATCH PROFILE

Prashant Bhosale

Education: B.Engg - Mechanical
Savitribai Phule Pune University

Key Skills: NPD, Q-Matrix, MQS, WCQ, Six sigma, System Audit

Experience: 123 months

A dynamic and goal driven professional in automobile manufacturing with specialization in New projects, Quality operations, System audits, Customer quality

TATA Motors Ltd. Senior Manager
- NPD - Thrive for achieving project deliverables, Product & Process score
- Process & product quality of LCV models
- Customer quality - Analysis & improvement of IPTV with help of DOE, QC Story.

Mahindra Vehicle Manufactures Ltd. Assit. Manager
- NPD – Proto build, Quality planning, PPAP, Project completion through APQP route.
- Truck Cabin & Cowling Product & Process quality
- Coordinating with suppliers for supplier quality improvement
- Initial Process Capability (Pp/Ppk) and monitoring ongoing Process Capability (Cp/Cpk)
- Equipment, fixtures tryout & modifications to achieve PIST & weld integrity

Bosch Ltd. GAT
- Design, Development & regularization of new packaging materials
- Endurance/Z-test for CRI & common nozzles & injectors
- Field complaint investigations & making its 8D reports

- Certified internal auditor of IATF 16949, MQS and WCQ, MSA /SPC, Classical PFMEA
- Project on Product planning & sales promotion for Mahindra Trucks
- Cost saving through VA/VE - INR 6cr

https://www.linkedin.com/in/prashant-bhosale-77836885/

Vipin Pratap Singh

Education: B. Tech - Mechanical
University Lucknow

Key Skills: Project management, Inventory management, Operation management, Strategic planning

Experience: 128 months

A dynamic professional with 10.8 years of experience in Project planning & Management, Operation Management, Capacity expansion, Cost optimization, Inventory Management.

Assistant Manager – Aditya Birla Group (Ultratech Cement)
- Identified new areas for energy saving, devised action plan and implemented projects that resulting in annual saving of 16Cr
- Handled Plant capacity enhancement project by debottlenecking of NVA activities using VSM methodology resulting in 7% increase in productivity and annual increase in turnover by 5.5Cr
- Ameliorated SOP’s, SMP’s & analyzed the breakdowns through root cause analysis, risk mitigation and contingency readiness to reduce MTTR and increase MTBF by 20%
- Inventory management and optimization, spare mapping, improved the existing SAP system by reducing material duplication codes.

Mahindra Vehicle Manufactures Ltd. Asst. Manager
- NPD – Proto build, Quality planning, PPAP, Project completion through APQP route.
- Truck Cabin & Cowling Product & Process quality
- Coordinating with suppliers for supplier quality improvement
- Initial Process Capability (Pp/Ppk) and monitoring ongoing Process Capability (Cp/Cpk)
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- Project on Product planning & sales promotion for Mahindra Trucks
- Cost saving through VA/VE - INR 6cr

https://www.linkedin.com/in/vipin-pratap-singh-7157122a/
BATCH PROFILE

Subhamay Deb

Education: B.Tech - Mechanical
Haldia Institute of Technology

Key Skills: Project Management, Strategic planning, Lean six sigma and Inventory management

Experience: 144 months

A dynamic and goal driven professional with 12 years of experience in manufacturing sector with specialization in Operations, Supply Chain & Business Process Optimization.

Deputy Manager – Operations, Phoenix Conveyor Belt India (P) Ltd (Continental AG)
- Led TCB vertical of 50 personnel to comply addendum cost of Rs 150Cr by using Lean.
- Driven initiative of Simplification of Manufacturing Processes based on ECRS & Kaizen
- Facilitated multi-functional cost saving projects to reduce operational losses resulting annualized savings of Rs 2.4 Crores
- Collaborated Strategic Outsourcing projects using Lepak Snell Methodology to optimize manufacturing cost.

Manager – Operations, Tata Steel Processing and Distribution Limited
- Devised strategies for identifying improvement opportunities and led strategic improvement projects to deliver business benefits to the organization
- Achieved 10% sustained improvement in throughput leading to annualized benefit of INR 2.5+ crores
- Designed the framework for Oracle ERP EPAIS for efficient planning and inventory management.
- Improved the productivity of high risk SKU by 33% adding revenue of Rs1.6 Crore
- Certified Lean Six Sigma Black Belt by Exemplar Global (formerly RABQSA, Australia)
- Assessor of “Tata Business Excellence Model” by Tata Quality Management Services

https://www.linkedin.com/in/subhamay-deb-785b1727/

Chetan Bhaskar Gavhale

Education: B.Engg-E.C.E
JEC Jabalpur

Key Skills: Project Management, Industrial automation, Vendor and Energy management

Experience: 144 months

12 Year of experience with specialisation in greenfield project execution, industrial automation, vendor management, cost optimization, energy management, operational excellence.

Aditya Birla Group/ Senior Engineer 2 years
- Identified energy-saving projects to reduce the auxiliary energy consumption saving up to Rs. 4 Cr/annum
- Upgraded the distributed control system to enhance the reliability of plant automation, also implemented RCM in the plant
- Commissioned radio communication system with DCS for different plant areas which ultimately led to the saving of Rs. 0.8 Cr
- Performed root cause analysis and identified numerous projects to improve MTBF and MTTR
- Prepared annual CAPEX and OPEX budget, in coordination with cross functional team

Jaypee Group/ Engineer 10 years
- Led a cross-functional team of 70 members for execution of three green field projects worth Rs.2200 Cr
- Installed and commissioned DCS and PLC worth Rs. 2Cr
- Responsible for vendor evaluation based on their performance
- Responsible for material management and resource optimization
- Focussed on the implementation of industrial safety and process improvement practices
- Certified energy auditor cum energy manager from Bureau of Energy Efficiency
- Certified Six Sigma Green Belt Professional

https://www.linkedin.com/in/chetan-gavhale-140111185/
FACULTY SPEAKS

About VLFM
India has been looking forward to a transformation in the manufacturing sector to gain a competitive advantage in the world stage. This requires, among other things, dynamic industry leaders who can usher a renaissance in the sector through their vision and innovative approach. Visionary Leaders for Manufacturing (VLFM) is a uniquely crafted post graduate programme specifically designed to aid experienced professionals to become new age leaders. The curricula of this programme is a blend of modern theoretical approaches in technical and management disciplines, experiential learning, strong industry connect and international outbound programme. I believe technocrats handpicked for VLFM would become illustrious industrious leaders tomorrow.

Visionary Leadership for Manufacturing (VLFM) was launched in NITIE in 2016. The course has grown from strength to strength, ever since. Today, it is a 26 student strong batch with an average experience of 8 years. The course prepares professionals (minimum experience required is 5 years) to assume leadership roles once they graduate from NITIE. The course is industry relevant and industry interaction is at its core. With rigorous academic sessions in management and technical courses, the students are put through domestic and international internships to create well rounded professionals ready to take on challenges thrown by the ever changing and demanding industry of today.

Visionary Leadership for Manufacturing (VLFM) is a unique program offered by NITIE. The program was established to develop leadership skills among executives to lead organizations. The program nurtures executives from engineering disciplines having work experience of an average of eight years. The blend of soft skills and advanced technology-oriented subjects provides the right balance to the course. The course offers a rigorous classroom-oriented approach as well as industry projects for the holistic growth of students. These executives have the potential to reach the upper echelons of the organization. The sessions are usually very enriching because of the rich experience of participants in the class. I get to learn a lot from students when they see a business case from a variety of angles. The class, therefore, is in discussion mode where the views are heard and shared. The program helps executives to expand their experiential learning with the inputs received during the year-long course. Best of luck to the vital program for the industry as well as academia.
FACULTY SPEAKS

Dr. Utpal Chattopadhyay
Professor
Macro Economics

VLFM is a unique programme which draws matured students with industry experiences. It has a nice blend of theories with practice that are aimed at solving contemporary problems of the industry, particularly the manufacturing sector. Another distinctive feature of this programme is that the students can get the best lessons from India’s two most eminent institutions of higher learning, viz. NITIE Mumbai and IIT, Delhi. As a faculty, I have a fascinating experience of interacting with the VLFM students since its inception in 2017.

Dr. Rauf Iqbal
Professor
Work System Design

The right choice...

Having an aim to become a successful leader in today’s complex and competitive world of manufacturing, coupled with ‘Make in India’ movement, there is a need to focus on excellence in manufacturing, not only to cater for growing domestic need but also to establish as a front runner in international market. There is a dearth of industry leaders who not only have advanced knowledge in manufacturing process, but also possess high ability to manage and motivate individuals and teams from diverse cultures and backgrounds, in order to excel in manufacturing efficiencies. The VLFM programme offered by NITIE Mumbai jointly with IIT Delhi molds today’s engineers into tomorrow’s global leaders for manufacturing who can initiate, define, design and lead to manufacture quality products applying next generation concept and technology. The takeaway of the programme is infusion of advanced concepts, tools and techniques of manufacturing into the mind of the students that enable them to face the diverse challenges of manufacturing. The inputs for Work Systems Design for the VLFM course at NITIE includes class room discussion, conducting experiments in the Ergonomics Laboratory, Mind to Market Centre and also real time projects on Work Systems Design. This becomes a lifelong learning for the students to address various domains of work systems and to handle global engineering projects. The programme also includes lectures by international experts in the domain of manufacturing/industrial engineering to enrich knowledge on contemporary issues of global manufacturing. Benefit for the students for opting VLFM programme at NITIE includes securing pivotal role in the organization with greater leadership quality as well as wider and rapid career growth advancements.
“Agar firdaus bar roo-e zameen ast, Hameen ast-o hameen ast-o hameen ast”. “If there is a heaven on earth, it’s here, it’s here” - Amir Khusro

These esteemed words of great poet Amir Khusro even fall short to describe the charm of the so-called God’s own campus in the city of dreams. It is said that anything which is surrounded by a water body is always pure and pious and the campus of NITIE - the epitome of the management education, is surrounded on three sides by beautiful lakes. Studying in such a divine atmosphere rejuvenates the energy level of the executives who come here to transform themselves into future leaders.

Also, NITIE has got the perfect amalgamation of modern architecture with the lush green ambiance and students in spite of their busy curriculum of assignments and classes fully enjoy their stay at the campus. The importance is given to the peer to peer learning pedagogy and the students are always ready to learn from their peers, whether it be a discussion at midnight or a group assignment in the inclement weather with a strong coffee in the canteen.

Amid the busy schedule, they never forget to stretch their muscles in the gym or by playing cricket, volleyball, and football in their favourite NITIE’s ground. Adding to this, the campus has very rich biodiversity and one doesn’t need to go to some open sea to see a turtle, it is present in the NITIE’s pond aka NITIE’s Sarovar, also one can sit and realize the power of inner self in between the soothing landscape just observing the magnificent sky & the cloud reflecting in the alluring NITIE’s Sarovar.

Not only this NITIE has also got several clubs ranging from the supply chain group to the sports clubs where students can showcase their talent and win accolades in their field of interest. Students at NITIE never shy away from participating in the different internal or external competition and they have a lot of opportunities over here. So at last NITIE is the perfect place to spend one’s most important one year of life to hone their skills in nature’s lap.
CONTACT DETAILS

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