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 2018-19 (with an average age of 30 years and 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 skill set 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.

Prof. Karuna Jain
Director, NITIE.
India will have the largest population in higher education age bracket in the world by 2030. Explosive growth of technology and applications across different industry sectors are the key challenges that the education system needs to support with culture that primarily reflects on 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 student's growth. Thus, to meet these requirements and build a culture of innovation it is challenging for the educational system.

In this context, it gives 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 in manufacturing. Jointly offered by NITIE and IIT Delhi under the aegis of Ministry of Human Resource Development (MHRD), this program offers integration of learning and work at all stages which enables the participants to learn in the best possible way.

The participants are offered multidisciplinary and rigorous courses in management and technology at both of these premier institutes along with industry interactions and seminars from thought leaders across wide variety of firms in manufacturing and its allied sectors. Furthermore, this program aligns itself much closer to the needs of the industry with industrial treks (both domestic and international), breakthrough management sessions and workshops being an integral part of the program. This course is designed to be rigorous, challenging and fast paced with 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 solid domain knowledge of emerging cutting edge manufacturing technologies among participants to effectively manage the challenges in the rapidly changing business environment.

I wish the current class of 2019 to have a great learning experience and transform themselves into 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 and fittingly contribute to the manufacturing renaissance that is to happen in the days to come.

Prof. Vivekanand Khanapuri, 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 2019 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 and future leaders of the country.

I wish the Class of 2019 for a successful career ahead and I am confident that they live up to the legacy that our institute carries and ensure to take it a notch higher in future.

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

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 2019. 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 2019. 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.

Prof. Ravidra Gokhale,
Placement Coordinator, 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.

Prof. Vivek Khanzode, Program Coordinator, NITIE.
“To create a distinct set of visionary leaders with abilities to contextualize and contribute to the manufacturing renaissance of nation”

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 a 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 8 weeks Industry Internship – India/Global and 2 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.
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.

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.

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**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:
- Data Analytics
- Financial & Cost Accounting
- Manufacturing System Design
- Marketing for Manufacturing
- Human Resources & Organization Behavior

Module 2:
- Supply Chain Management
- Managerial Economics
- Strategic Management & International Business
- Logistics Planning
- Operations Research

Module 3:
- Subtractive Manufacturing
- Material & Core Manufacturing
- Industrial Safety & Hazards
- Digital Design & Manufacturing

Module 4:
- Summer Internship
- International Industrial Trek

Module 5:
- Design of Digital Factory
- Innovation Strategies & Foresight
- Manufacturing Leadership
- Project Management
- New Product Development

8 Weeks - NITIE, Mumbai
10 Weeks - NITIE, Mumbai
8 Weeks
2 Weeks Germany
12 Weeks - IIT, Delhi
12 Weeks - NITIE, Mumbai
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 path breaking 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.
Some of our distinguished speakers that associated with us are:

- Prof. Jeet Gupta, the University of Alabama, USA.
- Mrs. Chithra Parthasarathy, Future Group.
- Mr. Natesan Ramesh, National University of Singapore.
- Mr. Srini Madala, Founder Soft Sol, USA.
- Dr. Zubin Mulla, Tata Institute of Social Sciences.
- Prof. Jahar Saha, Former Director, IIM Ahmedabad.
- Mr. Ram Awasthi, Bharat Petroleum Corporation Ltd.
- Dr. Rajen Mehrotra, Director, Novartis India.
- Mr. Ashish Gupta, Bharat Petroleum Corporation Ltd.
- Aparna M Vishwasrao, HR Associate Director, Merck.
- Ms. Natasha Saggu, LTI.
- Mr. S. Dinesh, Director, Ernst & Young.
- Mr. Sujay Sen, Head, LTI India.
- Mr. Narendra Patwardhan, Sr. GM, Godrej Defense.
- Prof. Bopaya Bidanda, University of Pittsburgh, USA.
- Mr. Vineet sehgal, HR, Sr. Director PWC India.
- Mr. H. M. Kansal, Ex. Director, Jindal Poly.
- Mr. Vineet Saxena, Founder, Dali Soft.
- Mr. Sameer Nigam, IIM Ahmedabad.
- Mr. Collin Mendes, GM & Head HR, Voltas Ltd.
- Mr. Sanjiv Narula, AGM – Hero Motors.
- Mrs. A. Annapurna, Director – HR, Inspirage.

Through this remarkable “Drona Leadership Talks”, eminent visionaries and business leaders from marketing and allied 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.
INTERNATIONAL INDUSTRY TREK

As a part of the Cultural Amalgamation and Tech Exchange Program PGPEX-VLFM Class of 2018 toured Shanghai, one of the most important economic, financial, trade, and shipping locales in China today, with an incredibly rapid development of industry over the past 25 years.

The trip covered visits to Shanghai’s industry giants like Bao Steel, Lenovo, Canature Environmental Products, SIAC Volkswagen where the team acquired valuable insights regarding the manufacturing processes adapted to meet stringent quality standards while meeting large scale production targets. Also they got exposure to live demonstrations of cutting edge technologies that are adapting to Industry 4.0 i.e., implementation of digital manufacturing techniques.

**Bao Steel**, is the single largest steel manufacturing plant in China with production capacity of 28 Million MT/annum. The participants got enlightened by the turnaround story of China's steel manufacturing since 1970s and its ascent to become the world's highest producer & exporter.

**Lenovo** production facility at Shanghai free trade center, fund in October 1998, is an important subsidiary of Lenovo Group in East China, and has been built into a major research and manufacturing center with about 1000 employees. It follows the company culture and values, known as the Lenovo Way, and is devoted to marketing, business operations, product research and development, manufacturing and technical services and caters to 22% of world’s laptop requirement.

**Shanghai Canature Environmental Products Co., Ltd.** is a member of the WQA (Water Quality Association) and are one of the largest manufacturers of residential and commercial water treatment systems in China. Canature owns and operates a sophisticated laboratory equipped with professional water testing facilities, the capability to research new products, test the function of media, and offer water sample testing to its clients. Cannature environmental products is a company which treats sun, earth & water as its products and builds devices to purify the sources.
Experience Distribution

- 84-95 Months: 18%
- 60-71 Months: 41%
- 72-83 Months: 35%
- 109-120 Months: 6%

Industry Diversification

- Telecom: 6%
- Oil & Gas: 12%
- Manufacturing: 40%
- Energy: 12%
- Automobile: 24%
- Aerospace: 6%

Placement Statistics - Class of 2017-2018

Domain wise Distribution

- Consulting: 13%
- FMCG: 7%
- Manufacturing: 20%
- Automobile: 27%
- E-Commerce/Retail: 33%

Highest CTC Offered

- 19.5 LPA (Top 50%ile CTC)
- 15 LPA (Average CTC)
- 13.2 LPA (Average Work Experience)

Companies Associated

- 21

Experience in Months

- 109-120 Months: 6%
- 84-95 Months: 18%
- 60-71 Months: 41%
- 72-83 Months: 35%
BATCH STATISTICS - CLASS OF 2019

Experience Distribution

- 75-90 Months: 20%
- 90-105 Months: 20%
- 105-120 Months: 10%
- 120+ Months: 30%
- 60-75 Months: 20%

- Average Work Experience: 8.3 YEARS
- Average Age: 30 YEARS
- International Exposure: 10%

Functional Domain Distribution

- Operations: 40%
- Project Management: 10%
- Automation: 10%
- Supply Chain Management: 10%
- Maintenance: 10%
- Consulting: 10%

- Oil & Gas: 20%
- FMCG: 10%
- Manufacturing: 30%
- Automobile: 20%
- Power: 20%

Industry Diversification

Companies we came from
6.2 Years of diversified experience in the domains of Project execution, Operations Excellence & Supply Chain management.

**SIDDHARTH DHALL**

**Qualification**
B.Tech (Chemical Engineering), NIT SURAT

**Companies**
ONGC Petro Additions Ltd
Grasim Industries Ltd

**Industry**
Oil & Gas (Petrochemical)

**Manufacturing**

**Experience**
6.2 Years

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**Senior Executive, ONGC Petro Additions Ltd**

- Led 3 teams comprising 10 engineers & 70 workmen for successful and timely commissioning of 1.1 MMTPA greenfield Ethylene plant, worth INR 10,000 crores, inaugurated by Hon'ble PM Shri Narendra Modi.
- Partnered with Business groups to develop mid to long term Supply/Demand Forecast and strategizing the Plant production planning accordingly.
- Managed procurement of Raw materials required for Ethylene cracker unit by floating RFQ’s to vendor such as BPCL, Trafigura & Marubeni etc, prepared techno-commercial comparison and also looked upon logistics of raw material sourcing.
- Devised Risk mitigation plan for feed sourcing scenarios by preparing risk matrix and implementing recommendations.
- Successfully completed Process improvement project to reduce vessel demurrage by implementing value stream mapping, modifying and streamlining the process, thus saving cost of overall INR 15 crores annually.

**Process Engineer, Grasim Industries Ltd.**

- Led cross functional team for successful commissioning of greenfield project 120 KTPA Viscose Staple Fiber plant worth INR 2750 crores at Grasim Industries Ltd, Aditya Birla Grp. Involved in production planning, manpower planning, maintaining FPY & monitoring equipment efficiencies.
- Improved fibre quality and optimized sulfuric acid inventory as a part of Six sigma Green belt project in a way to achieve operational excellence.
- Led a team of 4 members for implementation, sustenance of 5s, Kaizen & various SOP’s on shop floor. Certified SS trainer from Kaizen Institute.

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**TEJASWI MONANGI**

**Qualification**
B.Tech (Chemical Engineering), NIT Durgapur.

**Companies**
ONGC Petro Additions Ltd
Grasim Industries Ltd

**Industry**
Oil & Gas (Petrochemical)

**Manufacturing**

**Experience**
6.2 Years

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**Senior Executive, ONGC Petro Additions Ltd**

- Closely associated with the Commissioning & Stabilization of 1.1 MMTPA Ethylene Plant worth 10,000 Cr INR at ONGC Petro Additions Ltd.’s Dahej site.
- Spearheaded the Implementation of Operational, Safety and F&G Logic Systems, coordinating a cross functional team of 33 engineers and 40 workmen effecting Zero Failure and reduced project time by 4 months.
- Awarded with Certificate of Excellence by President, OPaL for reducing the downtime for startup resulting in a perpetual savings of 2 Cr INR per start up.
- Developed SOPs, checklists and risk assessments to achieve operational excellence over various assets.
- Coordinated 15 solo runs & MRTs of large scale turbo equipment while optimizing man hours and resources.

**Assistant Manager, Manufacturing, Haldia Petrochemicals Ltd.**

- Managed Ethylene Cracker process operations in shifts with a team of 30 operation and maintenance personnel to ensure hassle free operation and increased throughput while curtailing utility costs.
- Suggested and implemented changes in anti surge control system turbine and compressor control system leading to a reduced steam consumption and perpetual savings of 20 Cr/annum.
- Optimized chemical dosing in process streams leading to a cost saving of 20 Lakhs/month and in turn reduced waste emissions.
- Involved in debottlenecking of process operation and ramp up of cracker unit to 125% design production capacity.
### PRATEEK LAKHERA

**Qualification**
- B.Tech (Mechanical & Automation Engineering) 
  GGSIPU Delhi

**Companies**
- Siemens Ltd.
- Infosys Ltd.

**Industry**
- Consulting

**Experience**
- 6.6 Years

Manager, Siemens Ltd.
- Was delegated to German head office for 2 months to understand technical requirements and best practices, co-ordinate and implement the same at the offshore location.
- Led a cross functional team of 10 members and delivered 2 power plant retrofit projects for Siemens F-class engine. Major responsibilities included process improvement and product development.
- Implemented Additive Manufacturing technique (SLM) in manufacturing of Gas Turbine components.
- Responsible for maintaining quality and timely delivery of the deliverables.

Technology Analyst, Infosys Ltd.
- Managed multi-site (Switzerland-India-Russia) collaboration for a project from client location (Switzerland) for 6 months, also worked as a technical consultant for 3-D printing work package.
- Awarded Engineering Pinnacle Award for a Six Sigma Green Belt project that reduced design cycle time by more than 80%, leading to annual savings of USD 126k.
- Research & Development of Gas Turbine components using digital manufacturing tools.
- Prepared technical reports, BOM and virtual product database on ERP software (Citrix, SAP) and Teamcenter software.
- Automation of repeated design processes.
- Received multiple Spot Awards for excellence in project execution.

### AKHLENDRA SOLANKI

**Qualification**
- B.Tech (Chemical Technology), HBTI Kanpur

**Companies**
- Adani Wilmar Ltd.
- Godrej Consumer Care Products Ltd.

**Industry**
- FMCG

**Experience**
- 7.1 Years

Executive – Operations, Adani Wilmar Ltd.
- Managed a team of 6 engineers and 45 workmen for optimized operation of India’s largest Oleo chemical unit (capacity-400 tpd) based at Mundra (Gujarat).
- Led a team of 8 Engineers and 10 workmen towards successful commissioning of 100 TPD Bio-diesel based Glycerine Distillation plant.
- Involved in debottlenecking of process operation and enhanced sweet water evaporation unit capacity by 25%.
- Handled procurement of raw material for Palmitic acid, Stearic acid, Soap Noodles and Glycerine as per varying consumer market Scenario.
- Optimized Fatty acid distillation unit process parameters to ensure quality compliance in a way to meet at least 95% Palmitic acid purity specification.

Officer – Operations, Godrej Consumer Care Ltd.
- Managed operation team of 8 engineers & 48 contract employees for Oleo chemical unit (capacity-325 tpd).
- Awarded with Star performer award in 2017-18 for increasing product throughput of oleo unit by 10%.
- Received “How Wow Now” award for effecting 9% capacity enhancement of feed in oleo plant.
- Curtailed utility costs and improved Crude Glycerin quality during splitting process, resulted in saving of INR 2.5 Million and received MD club award for the same.
- Received “ Par Excellence Award” in Indian National Suggestion Association National summit, held in New Delhi for delivering a session on energy conversation.
Deputy Manager, Mahindra & Mahindra Ltd.
- Vehicle level component development of Drive Away Chassis & Axle commodity from approved sources as per requirement of R&D.
- Manufacturing feasibility & technical sign off with suppliers & Responsible for FTG (Fixture, Tools & Gauges) development at supplier end.
- Capital budget formation for projects under development for fixtures tools & gauges.
- CFT member for commercial settlement of components.
- Complete supply chain formation with suppliers to ramp up new vehicle productions.
- End to end project management for critical new projects and assistance to Project Materials head activities.
- VA/VE idea generation and implementation to achieve material cost reductions such as wheel end design optimization to achieve cost reduction of INR 50 per vehicle and INR 1.2 Cr per annum.
- Identification of alternate manufacturing process, for quality improvement and cost saving, such as Scorpio rear axle locking collar process change from hot forging to cold forging which fetch saving of approx. INR 24 /vehicle and INR 2.88 Lacs /annum.

Assistant Manager, Mahindra & Mahindra Ltd
- Procurement Planning of vehicle components from casting, Trims and Chassis commodities.
- Daily scheduling for JIT parts - Chassis, Exhaust system, brake drums and engine child parts.
- Digital transformation in SCM processes such inventory management & MRP.
- Logistics and packaging cost optimization for fragile parts such as painted brake drums to avoid the in transit paint damage and avoiding the return logistics of pallets to achieve cost saving of INR 5 /vehicle and INR 4.8 Lacs /annum.

Manager, Essar Steel India Ltd.
- Initiated & fostered the culture for digital transformation journey in the organization by starting new projects focusing on industry 4.0 and IIOT. Pilot project on smart thermic car and cold chain fleet management.
- Achieved annual cost saving of Rs. 15.2 Cr by initiating effective power management process as improvement programs which includes power wheeling and plant load reduction by 8 MW through process optimization.
- Lead a team of 22 engineers to carry out day to day Electrical &I maintenance activities in the plant as well as cross functional coordination with other department for every day’s smooth operations.
- Lead a team of 5 engineers for commissioning & SAT of plant automation project (DCS) worth Rs. 10 Cr.
- Implemented practice of breakdown analysis, delay analysis and CAPA for continuous improvement of maintenance activities. Conceptualized and implemented automation solution which yield to save 16800 man-hours/year.
- Strong track record in the strategic and operational management of people and provision of value added solutions to achieve business objectives.
- Extensive experience in all cycles of procurement & adequate knowledge in ERP based system like SAP.
- Instrumental in setting-up in-house E&I Lab and training programs for all levels within the organization.
10.2 years of experience in Purchase and Supply Chain Management Sourcing, Vendor Development, Supplier Quality.

Senior Manager, Tata Motors Ltd.
**Sourcing and Cost Management**
- Owned end to end responsibility of sourcing and development of 510+ Powertrain parts like Casting, Forging, Machining, bearings, Synchro cones, Detents etc.
- Led source selection through potential supplier assessment and price negotiations for an annual purchase value of Rs. 310+ crores.
- Integrated suppliers to move up the value chain; resolved compatibility and operational issues arising during the process by developing multiple-party contracts.
- Initiated and implemented cost reduction ideas with a total annual worth of Rs. 10 crores for automobile Powertrain parts.

**Vendor Development and Supplier Quality**
- Acted as a techno-commercial liaison between Tata Motors Ltd. and vendor partners for ancillaries of SUVs and commercial vehicles.
- Spearheaded formulating the sourcing plans / strategies and vendor identification / development with focus on strengthening effectiveness as well as managing activities like demand planning, forecasting, demand fulfillment and inventory management.
- Monitored development of sourced components at supplier base as per project timeline through APQP process and PPAP.

**Purchase Program Management**
- Supply chain program manager for Tata Hexa vehicle platform.
- SPOC for development of New Generation Ultra range Light Commercial Vehicle Tata Motors, Pune plant.

11.2 Years of experience in diversified domains of green field projects execution, Project Management, Operations and Maintenance, and Vendor Development.

Manager, Reliance Cement Co. Pvt. Ltd.
- As a Section Head, led a team of 100 personnel towards successful erection and commissioning of Coal Mill Atox-32.5, Polytrack cooler and associated systems worth 150 Cr INR.
- Involved in Maintenance, Planning, and Inventory Management of Preheater, Kiln, Polytrack Cooler, Coal Mill Atox-32.5, nitrogen plant and accessories.
- Budgeting for mechanical maintenance.
- Preparing Project Closure Documents, calculating liquidity damage, and delay analysis for material and services contracts.
- Reduced the maintenance cost by developing the potential new service providers.
- Tendering & Procurement of Wagon Tippler, Belt Conveyor, and Fabrication & Erection Contracts worth 300 Cr INR.
- Involved in debottlenecking and efficiency enhancement of 3.5 MMTPA resulting in 10% capacity enhancement worth 200 Cr INR.
- Engineering done for 7 km water pipe line from mines to plant.

Engineer, Jaypee Associates Ltd.
- Completed a green field project from scratch to operation as a Field engineer, led a team of 40 personnel towards erection and commissioning of Crusher, Stacker & Reclaimer, and pipe conveyor worth 100 Cr INR.
- Maintenance of mechanical equipment of Crusher Stacker and Reclaimer.
- Planning and billing in green field projects.
- Headed fabrication of steel structures & ducts unit.

RAHUL LONDHE
**Qualification**
B.E. (Mechanical)
Govt College of Engineering, Karad.

**Company**
Tata Motors Ltd.

**Industry**
Automobile

**Experience**
10.2 years

DEEPAK KUMAR SHUKLA
**Qualification**
B.E. (Mechanical)
JEC Jabalpur

**Companies**
Reliance Cement Company Pvt. Ltd.
Jaypee Associates Ltd.

**Industry**
Cement

**Experience**
11.2 Years
Deputy Manager, JSW Steel Ltd.

Project Management
- Spearheaded De-bottlenecking project for upgradation of Tunnel Furnace, increasing production from 378 TPH to 391 TPH by decreasing MTTR.
- Strategized and executed the project to decrease motor failure from 88 to 26 per month through implementation of design changes.
- Revamping of the cut-to-length line using in-house capabilities thus cost avoidance of INR 160 Cr.

Procurement and Inventory Management
- Developed new sources for the electrical equipment and negotiated the price, minimizing the spend by 7.35%.
- Optimized Spare Procurement and Inventory Management by standardizing the common spare and reduce the annual budget by 8.7%.
- Formulated budgeting, strategic planning and sourcing of resources for OPEX and forecasted inventory for maintenance.

Operational Excellence
- As a part of JSW Deming initiative, involved in TQM activities in the capacity of Quality Circle coordinator for 23 different QC teams.
- Key account manager for enhancing Slitter plant capacity by 11.2% through modification and automation.
- Took initiative for Continuous improvement in Hot Strip Mill, reducing quality deviation from 6% to 3% in finished goods.
- As a Safety auditor, handled the team of six members to carry out technical and safety inspection in Hot Strip Mill to minimize risk, increased safety and achieved the target of zero accident.
- Awarded for best Kaizen award for technology improvement, root-cause analysis, the solution to a recurring problem with cumulative saving of INR1.3 crore.
Contact Details

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