

# PGPEX – VLM

Admissions 2024-2025 (18<sup>th</sup> Batch)



One-year full-time Post Graduate Programme in Management for executives – Visionary Leadership in Manufacturing

VISIONARY LEADERSHIP IN MANUFACTURING

A Joint Programme by Three Premier Institutes of India





IIT Madras Campus

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## Mission Statement

The mission of the PGPEX-VLM is to develop future visionary leaders for the manufacturing sector in India so as to enhance the global competitiveness of our manufacturing sector.

## PGPEX – VLM

Our nation today requires leaders who possess a staunch vision to steer the industry to new frontiers in this world of progressive transformation. Experienced professionals having the zeal and passion to explore the limitless opportunities converge here to become the protagonists for re-energizing the industries. The PGPEX-VLM program is a one-year intensive management course focusing on core management subjects and keeping professionals up to date with breakthrough technologies used in industries.

This one-year journey reshapes engineering minds on a global scale and inspires them to pursue the challenging path ahead. The program is designed on similar lines to MIT Sloan Business School and MIT School of Engineering's "Leaders in Global Operations" (earlier known as Leaders for Manufacturing)

## A Partnership in Excellence

The Post Graduate Program for Executives for Visionary Leadership in Manufacturing, (PGPEX-VLM) is a unique one-year full-time management program designed to develop visionary leaders who would spearhead India's manufacturing industry to new heights. The objectives, contents, curriculum, pedagogy, and modalities of the program have been designed by IIM Calcutta, IIT Kanpur, and IIT Madras in consultation with the industry - National Manufacturing Competitiveness Council (NMCC), Department of Industrial Policy & Promotion (DIPP), Ministry of Education, The Confederation of Indian Industry (CII) and Japan International Cooperation Agency (JICA). The course is rigorous, challenging, and fast-paced, with 1170 + contact hours in one year. The course has been specially designed with numerous case analyses, which develops the business acumen along with solid domain knowledge of cutting-edge manufacturing and technology in students to effectively manage future business challenges.



In short, this course gives a unique look for leaders and transforms the students to meet highly evolving global challenges. The course also includes an industry internship and an international study visit to Japan.

The Stakeholders of the Program are:

**Indian Institute of Management Calcutta:** IIM Calcutta is an institution with a global reputation, imparting high-quality management education.

**Indian Institute of Technology Kanpur:** IIT Kanpur is a premier engineering institute of India recognized globally for excellence in research and cutting-edge technology development.

**Indian Institute of Technology Madras:** IIT Madras is one of the foremost institutes of national importance in higher technological education and basic and applied research.

**Government of India:** Ministry of Education, Department of Industrial Policy & Promotion (DIPP).

**Japan International Cooperation Agency (JICA):** The program is being delivered under Technical Collaboration with Japan International Cooperation Agency (JICA). JICA contributes to economic and social advancement in developing countries and helps expedite Japan's international cooperation as one of the implementing bodies of Japan's Official Development Assistance. Confederation of Indian Industry CII is a non-governmental, not-for-profit, industry-led and industry-managed organization, playing an operative role in India's development process

# CLASS OF 2023-2024

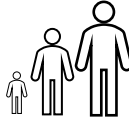
Batch Size: 40



Average Work Experience  
6.7 Years



International Exposure  
18%



Average Age  
29 Years



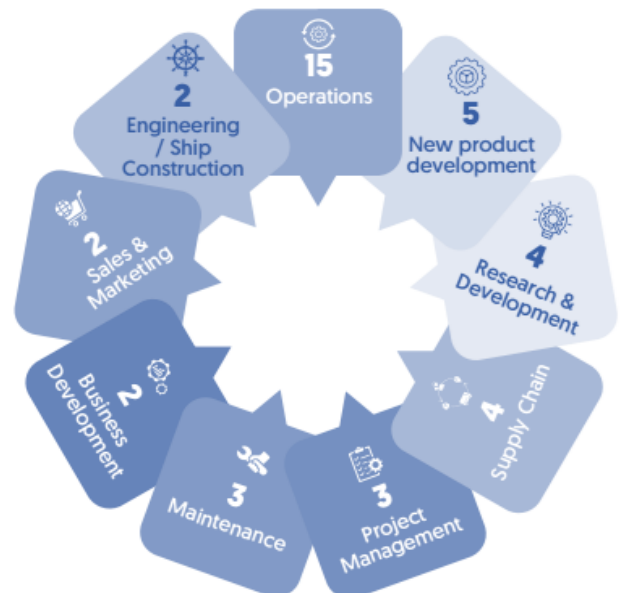
IIT / NIT / PG  
45%



## Industry Background



## Functional Experience





## Academic Curriculum

### IIM Calcutta – Business Excellence

- ✓ Strategic Management & Analysis
- ✓ Financial Analysis
- ✓ ERP workflow & BPR
- ✓ Decision Making Tools
- ✓ Marketing
- ✓ Corporate Finance & Cost Accounting
- ✓ Human Resource & labour Law
- ✓ Regulatory National & International

### IIT Kanpur – Product Excellence

- ✓ Product Design & Development
- ✓ Product Lifecycle Management
- ✓ Data Analysis & Decision Making
- ✓ Supply Chain Management

### IIT Madras – Process Excellence

- ✓ Data Driven Quality Control
- ✓ Advanced Manufacturing Analytics
- ✓ Manufacturing Process Optimization
- ✓ Managing Technology and Innovation for Manufacturing

- ✓ Manufacturing Strategy
- ✓ Production Management
- ✓ Project Management
- ✓ Organizational Structure & Design
- ✓ Managerial Economics & Global Scenario
- ✓ Ethics & Values in Business
- ✓ Vision to Execution
- ✓ Green Manufacturing

- ✓ Design Thinking
- ✓ Automation & Robotics
- ✓ Computer Integrated Manufacturing Systems
- ✓ Advanced Materials

- ✓ The Future of Manufacturing Business
- ✓ Advanced Supply Chain & Logistics Planning
- ✓ Artificial Intelligence in Manufacturing
- ✓ Technological Trends in Manufacturing of Discrete Products

➤ Lead Auditor Certification Course ISO 9001:2015

**Business Excellence**  
(Covered in IIM Calcutta)

**Product Excellence**  
(Covered in IIT Kanpur)

**Process Excellence**  
(Covered in IIT Madras)

**International Industry  
Visit to Japan**

**1170+ Contact Hours**

**6 weeks of industry  
internship**

## Pedagogy

To stimulate the intellect and enhance intellectual abilities, the case method of learning is used to make effective management decisions based on context analysis and insights. In addition to case discussions, lectures, seminars, role plays, industrial visits, and group exercises are used to develop skills in problem-solving, decision-making, and implementation. IIT courses expose students to cutting-edge technology and processes to support decision-making.

## International Industry Visit to Japan

Visionary Leadership Program (VLM) cannot be complete without this enlightening journey. The VLM students get exposed to the Japanese Manufacturing Philosophy - through interactions with Academicians, Industrialists, and JICA, the representatives of the Japanese Government. International study/industry tours broaden horizons and prepare students for leadership roles in a global context.

The trip covers the cities of Nagoya and Tokyo. The students learn from the factory visits through Prof. Shoji Shiba's Five Step Discovery Process, imbibe the Japanese manufacturing culture, and get constantly evaluated during their travel. The trip will cover visits to industry stalwarts like Toyota, Suzuki, and Sony. Students learned Toyota Production System and visited the Toyota Commemorative Museum of Industry.



## Certification

On successful completion of the Program, "Post Graduate Diploma in Management for Executives in Manufacturing" is awarded jointly by IIM Calcutta, IIT Kanpur, and IIT Madras.

## Batch Size

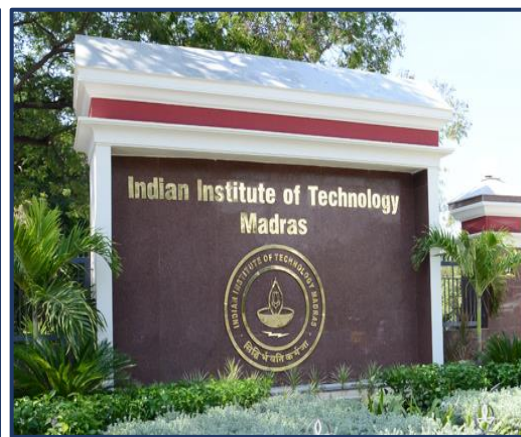
The batch Size for 2024-2025 session will be 40.



IIM Calcutta



IIT Kanpur



IIT Madras

## Minimum Eligibility Criteria for PGPEX-VLM (Batch 2024-25)

### Education

- First-Class Graduate Engineers with First Division/ First Class Marks from Secondary Examination onwards

### Work Experience

- Self-sponsored candidates, not in service. - Minimum 4½ (four and a half) to maximum 10 (ten) years of work experience in manufacturing, engineering, and related sectors; holding responsibilities in production planning and control, research, design and development, quality control, plant engineering, maintenance, supply chain, construction, etc.
- Sponsored candidates need to have a minimum of 4½ (four and a half) years of work experience only. In these cases, there is no upper limit of experience.
- Candidates on study leave also need to have a minimum of 4½ (four and a half) years of work experience only. There is no upper limit of experience in these cases. They are eligible to participate in the placement process only on submission of a No Objection Certificate from the Company/ Employer. Please note that participation in the placement process does not guarantee placement.
- The date of computation of the number of years of work experience shall be 28th February 2024 for the academic year 2024- 25, i.e., 18<sup>th</sup> batch.
- Candidates are advised to ensure meeting the minimum years of work experience to remain eligible for admissions. If not, the candidature will not be considered further for the admissions process and the application fee will not be refunded.
- Any suppression of fact or false information will lead to the rejection of candidature at any stage of the admission process.

### Admission Process

The application form is to be submitted as available and directed on the website.

Selection of candidates will be made on the basis of his/her academic background, which has to be consistently first division/first class from school (Secondary Examination) Board examination level to graduation level, relevant work experience, employer's recommendations, performance in the Written Test Visionary Leadership in Manufacturing Admission Test (VLMAT) and Personal Interviews to be conducted jointly by IIMC, IITK, and IITM.

For more details, refer admission policy available on the website: <https://doms.iitm.ac.in/vlm>



## Important Dates for Academic Year 2024-25 Admissions (18<sup>th</sup> Batch)

Date	Activity
04 October 2023 (Wednesday)	Newspaper advertisement
04 October 2023 (Wednesday)	Online Portal for application Opens
30 October 2023 (Monday)	Online Portal For Application closes
10 November 2023 (Friday)	Shortlisting of candidates for the written test
10 December 2023 (Sunday) Tentative	PGPEX-VLM Admission test at 4 locations* (Delhi, Kolkata, Mumbai, Chennai)
07 January 2024 (Sunday) Tentative	Personal Interview at IIT Madras
10 January 2024 (Wednesday) Tentative	Selected Candidates for Admission

\* The mode, venue & arrangement of the written test (VLMAT) and personal interview may be altered subject to the advisories and guidelines of the Central and State Governments. The decision of the competent authority of the Tri-Institute will be considered final in this regard.

### Selection Process

Based on the eligibility criteria shortlisted candidates are called for a written test Visionary Leadership in Manufacturing Admission Test (VLMAT) consisting of three sections Verbal Ability, Quantitative Ability and Engineering Ability. The written test (VLMAT) is conducted in four cities (Kolkata, Mumbai, Chennai and Delhi). The mode of conducting the offline written examination (VLMAT) is subject to the advisories and guidelines of the Central and State Governments during the admission process for the 2024-25 Batch.

Candidates shortlisted after the written test (VLMAT) are called for a Personal Interview (PI) at the host institute. The mode of the interview will be finalized depending on the circumstances and Government advisories.

Selection will be based on academic records, work experience, and performance in the Written Test (VLMAT) and Personal Interview. The competent authority of the Tri-Institute can change the admissions criteria at a later stage depending on the feasibility of conducting a written test (VLMAT) or personal interview at a later stage. The decision of the competent authority will be treated as final.



Department of Management Sciences – IIT Kanpur

Department of Management Studies – IIT Madras

## Program Fees for the Academic Session 2024-2025 (18th Batch)

The Program Fee for 18<sup>th</sup> Batch( Academic Year 2024-25) is subject to change. Final fee details shall be shared at the time of admission/in due course. The program fee for 17<sup>th</sup> Batch(A.Y 2023-24) was Rs. 13,50,000/-. This amount includes tuition fees, common fees, host institute fees, and the cost of course materials only.

The participants will have to bear the costs of accommodation, traveling expenses in connection with project work, and domestic and international study tours. The cost of accommodation boarding, and other relevant costs will be payable to the respective Institute as required by the Institute. In addition, they will have to bear the expenses for food, personal travel, and any other expenses of a personal nature.

Estimated Course Fee for PGPEX-VLM Program		
Component		Estimate (INR)
Tuition Fee (IIMC/ IITK/ IITM) <i>*Subject to Revision</i>	A	₹13,50,000
Accommodation (Hostel) + Mess (Food) + Transfers + Caution Deposit (Refundable)	B	₹1,70,000
International Visit to Japan	C	₹2,40,000 (Tentative)
Miscellaneous Expenses	D	₹80,000
Contingency fund( Approx 5%)	E	₹65,000
Grand Total <i>*Subject to Revision</i>	A+B+C+D+E	₹19,05,000

*\* Fee details mentioned above are estimates only. Actual fee details shall be shared at the time of admission/in due course*

### Financial Assistance

- Education Loan can be easily availed from the on-campus SBI Branch or all other banks

# Student Life @ IIMC, IITK & IITM Campuses





## Placement & Career Development

PGPEX-VLM is a transformative journey designed to empower seasoned professionals with the skills and knowledge necessary to propel their careers to new heights. This unique program, renowned for its excellence in management education, offers an unparalleled platform for career development and placement. The curriculum is meticulously designed to impart a holistic understanding of business management, leadership, and manufacturing. Through a blend of classroom learning, case studies, industry interactions, and real-world projects, participants gain a deep insight into the intricacies of manufacturing and leadership in a dynamic global landscape. In an increasingly globalized world, the PGPEX VLM Program ensures that participants gain a global perspective on manufacturing and business. One of the highlights of the PGPEX VLM Program is its exceptional placement record.

The program has a dedicated placement cell that works tirelessly to connect students with leading organizations in various sectors. The extensive network of alumni and industry partnerships ensures that graduates are presented with a wide array of placement opportunities. For experienced professionals looking to advance their careers, the PGPEX VLM Program provides a fast track. Graduates of the program are highly sought after by companies seeking leaders who can navigate the complexities of modern manufacturing and drive innovation. Whether it's in operations, supply chain management, consulting, or entrepreneurship, the program equips students to excel in their chosen careers. PGPEX VLM Program is a gateway to career advancement and personal growth for professionals in the manufacturing sector.

### PAST RECRUITERS



## Alumni & Industry Connect



Talk on "Challenges for Indian Industry in Adopting Industry 4.0" by Mr. Sabyasachi Goswami, CEO of Perfios Software Solutions



**"A Spirit with a Vision is a dream with a Mission"**

**-Neil Peart**

VLMpians live with a dream of creating a better tomorrow for the nation. To catalyze this, we have a leadership talk series - "Cohesion & Industry Connect" that offers a unique platform to students for learning the know-how of business strategies, people management, norms and regulations, organizational evolutions, technological disruptions, and real-life problems from the top leadership in the field of Logistics, Automotive, FMCG, E-commerce, Power & Energy, Digitalization to name a few. These interactions help students to learn the complexities of businesses and act as an integrating link between academia and industries where students assimilate and appreciate the practicality of theories they transpire through classroom sessions.

## Alumni Reflections

**“** VLM is a truly specialized program in academia, it helped me to build new-age management skills on top of my industry background, which placed me back in the Industry in distinct leading roles. The program runs with a diverse mix of curriculum delivered by eminent professors and management gurus enabling to adopt a growth mindset and unlock leadership potential



Prashant Chouhan  
Sr. Principal,  
Accenture Strategy & Consulting  
Class of 2014(7<sup>th</sup> Batch)

**“** I believe to be successful one needs to have different experiences in life. The PGPEX VLM course is the best experience I had in my professional journey. The program provides you with technical, managerial and adaptive skills to deal with different situations in all aspects of life. I have worked across manufacturing, e-commerce, and now cloud computing industries. Skill sets acquired during VLM have provided me with mental models to deal with the requirements of these varied industries and adapt to make significant contributions to my organization. VLM truly is a transformational journey.



Sourabh Talwar  
Enterprise Program Manager,  
Amazon Web Services  
Class of 2015(8<sup>th</sup> Batch)

**“** I will eternally be a proud and grateful alumna of the PGPEX- VLM program It has been an incredible experience and transformative journey for me. The rigorous curriculum, esteemed faculty, and exceptional cohort not only enriched my knowledge but also honed my leadership skills and provided me with invaluable insights into the world of business. Also, the involvement of 3 premier institutes from different parts of India gave us diverse industry exposure and networking opportunities. I carry the lessons learned here with me in my professional endeavors and hope to make the VLM community proud by continuing to unlearn and re-learn



Shakti Dubey,  
Sr. Associate, PwC India  
Class of 2020(14<sup>th</sup> Batch)



## Contact Us

### General Queries:

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Website : <https://doms.iitm.ac.in/vlm>



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