

Admission Brochure

Post Graduate Programme
for Executives

PGPEX-VLM

2022-2023



A JOINT PROGRAMME BY THREE PREMIER INSTITUTE OF INDIA



IIM CALCUTTA



IIT KANPUR



IIT MADRAS

LEADERS
Visionary Leadership in Manufacturing

ONE YEAR FULL TIME RESIDENTIAL POST GRADUATE PROGRAMME FOR EXECUTIVES



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 the core management subjects and making professionals upto date with breakthrough technologies used in industries. This one year journey reshapes an engineering minds to a global scale and inspires them to pursue challenging path ahead. The programme is designed with the “Leaders in Global Operations” of MIT Sloan Business School (MIT LGO).

A Partnership in Excellence

The Post Graduate Programme for Executives for Visionary Leadership in Manufacturing, (PGPEX-VLM) is a unique one year full time management programme designed to develop visionary leaders who would spearhead India's manufacturing industry to new heights. The objectives, contents, curriculum, pedagogy and modalities of the programme 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 1130 + contact hours in one year. The course has been specially designed with numerous case analysis, 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 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 among the foremost institutes of national importance in higher technological education, basic and applied research.

Government of India

Ministry of Education, Department of Industrial Policy & Promotion (DIPP).

Japan International Cooperation Agency

The programme 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 a operative role in India's development process





Message from the Chairperson's Desk

Greeting from IIM Calcutta!

It gives me immense pleasure to welcome the aspirants across India for the elite tri-institute one year full time residential programme– PGPEX-VLM 2022-23 conducted jointly by IIM Calcutta, IIT Kanpur & IIT Madras.

Post Graduate Program for Executives - Visionary Leaders for Manufacturing (PGPEX-VLM) - under the aegis of the Ministry of Education and the Department for Promotion of Industry and Internal Trade (DPIIT) of the Ministry of Commerce and Industry. Founded in 2006 under the India-Japan Technical Cooperation Agreement signed between then Prime Ministers of the two countries, PGPEX-VLM continues its unique journey to create visionary leaders with managerial capabilities. Build upon a solid foundation of academic excellence and rigour, combined with a warm, inclusive environment to inspire, support, and nurture the students to be well-versed in modern manufacturing technology and management.

On behalf of the Institute, I assure the experienced aspirants and future leaders that we would take all steps to support your academic aspirations and goals. I welcome the students seeking admission to PGPEX-VLM and looking forward to meeting them in the new academic sessions.

With best wishes,

Yours sincerely,

Prof. Sumanta Basu
Chairperson, PGPEX-VLM
IIM Calcutta

Academic Curriculum



IIMC	60%
IITK	20%
IITM	20%



Business Excellence
(covered in IIM Calcutta)

International Industry visit to Japan

Product Excellence
(covered in IIT Kanpur)

Process Excellence
(covered in IIT Madras)

1170+ contact hours

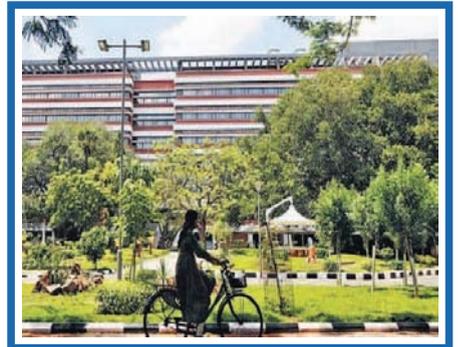
6 Weeks of Industry Internship

- Business Strategic & Analytics**
- Corporate Strategy
 - Global Corporate Strategy
 - Leadership & Change Management
 - Essence of Corporate Social Responsibility
 - Manufacturing Strategy
- Operations Management**
- Production Management
 - Project Management
 - Supply Chain Management
 - Product Design & New Product Development
 - Enterprise Resource Planning (ERP)
 - Internet of Things (IoT) in Manufacturing & Industry 4.0
 - Toyota Production System
 - Business Process Improvement – Lean, JIT
- Decision Making Tools**
- Risk management
 - Regression Models
 - Descriptive Statistics
 - Data Analysis
- Finance & Economics**
- Financial Reporting and Analysis
 - Financial Markets and Financial Systems
 - Cost Accounting
 - Capital Budget Decisions
 - Corporate Finance
 - Corporate Governance & Ethics
- Marketing Management**
- Constructing Marketing Plans
 - Brand and Product Management
 - Marketing Research & Analysis
 - Marketing Ethics
 - Analyzing Consumer & Business Markets

- Organizational Behavior and Design**
- Organizational Goals & Strategy
 - Organizational Change Management
 - Designing Organizations
- Global Scenario**
- Regulatory Environment
 - Indian & International trade Laws
 - Globalization of Business
- Human Resource Management**
- Human Resource & Labor Laws
 - Value Driven Leadership
 - Effective People Management
- Breakthrough Management**
- Management Communication**
- Green Manufacturing**
- Ethics & Values in Business**
- Interpersonal Skills & Leadership**
- Vision to Execution**
- Entrepreneurship**
- Micro and Macro Economics**
- Leadership & Decision Making**
- Frontier Technologies in Manufacturing**
- Strategies for Managing Innovation**
- Technology Management**
- Advance Materials**
- Automation & Robotics in Manufacturing**
- Computer Integrated Manufacturing Systems**
- Lead Auditor Certification Course ISO 9001: 2015**

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 2022-2023 session will be 40.

Minimum Eligibility Criteria for PGPEX-VLM (Batch 2022-23)

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 sector; 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' 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' work experience only. There is no upper limit of experience in these cases. They are eligible for participating 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 2022 for the academic year 2022-23, i.e., 16th 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 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.





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, games, 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.

Industry Tours (India and Japan)

Domestic Industry Visit within the country and International Industrial study visit in Japan are integral part of the program with an objective of understanding national/ global manufacturing environment.

Industry Internship

Four to Six weeks. The objective of the internship is to provide an opportunity for doing state of the-art research leading to a product/process redesign or an innovation.

Placement

All students from PGPEX VLM are eligible for final placement process which starts from first week of Nov.

For more details, Refer placement details available on the website.

Admission Process

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 Interview to be conducted jointly by IIMC, IITK and IITM.

For more details, refer admission policy available on the website: <https://www.iimcal.ac.in/programs/pgpex-vlm>



Important Dates for admissions and tentative Academic Calendar of 2022- 23 Academic Session (16th Batch)

Date	Activity
17th Sep 2021 (Friday)	Newspaper advertisement/ Online portal for application opens
26th Nov 2021 (Friday) 12pm	Online portal for application closes
26th Nov 2021 (Friday) 3pm	Receipt of letters of recommendation by Referees closes
26th Nov 2021 (Friday) 5pm	Sending admit cards to the shortlisted candidates for the written test
5th Dec 2021 (Sunday)	PGPEX-VLM Admission test at 4 locations (Delhi, Calcutta, Mumbai, Chennai)*
12th Dec 2021 (Sunday)	Sending of call letters to the shortlisted candidates for the personal interview
26th Dec 2021 (Sunday)	Personal interview at IIMC*
3rd Jan 2022 (Monday)	Selected candidates for admission

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



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.

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 learnt Toyota Production System, Visited Toyota Commemorative Museum of industry

Selection Process

Based on the eligibility criteria short listed 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 Government during the admission process for the 2022-23 Batch.

Candidates shortlisted after the written test (VLMAT) are called for 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 Written Test (VLMAT) and Personal Interview. The competent authority of the Tri-Institute can change the admissions criteria at a later stage depending on feasibility of conducting written test (VLMAT) or personal interview at a later stage. The decision of the competent authority will be treated as final.

Program Fees for the Academic Session 2022-2023 (16th Batch)

The present program fee is Rs. 13,50,000/- (Rupees thirteen lakhs fifty thousand only) for AY 2022-23.

Rs. 40,000/- is to be paid as a caution deposit (refundable after adjustments, if any) payable at the Indian Institute of Management Calcutta. This amount will be refunded on completion of the programme after necessary adjustments of dues if any.

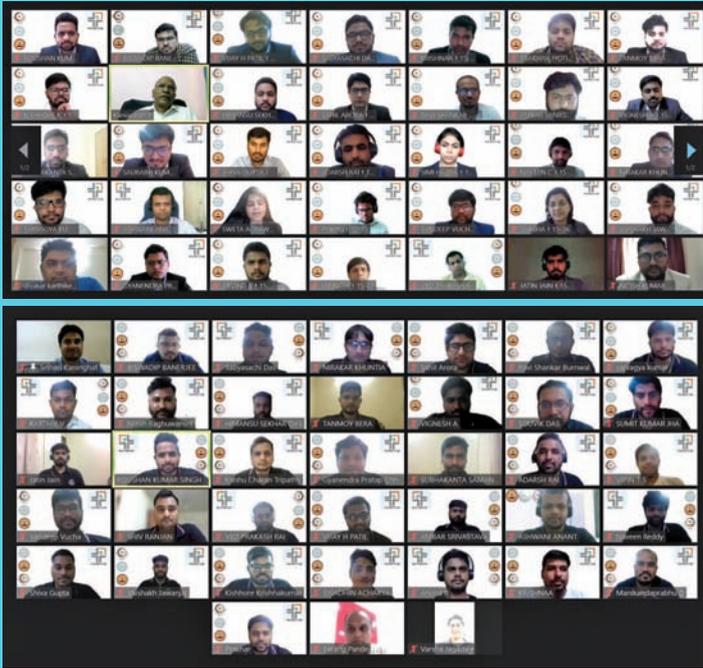
Name of the Institute	Installment(s)	Mode of Payment	Tentative Schedule for making payment
Host Institute (IIMC for AY 2022-23)	90,000	Payment Gateway	Last week of January 2022
IIM Calcutta	5,85,000 + 40,000 (Refundable caution deposit)	Payment Gateway	First Week of April 2022
IIT Kanpur	2,92,500	Demand Draft	Second week of August 2022
IIT Madras	2,92,500	Payment Gateway	Last week of October 2022
IIM Calcutta (Common Expenses)	90,000	Payment Gateway	Second week of December 2022

This amount includes tuition fees, common fee, host institute fee, and cost of course materials only.

The participants will have to bear the costs of accommodation, traveling expenses in connection with project work, domestic and international study tours. Cost of accommodation and 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 personal nature.



Leadership Talk, Industry Connect 21



“A spirit with a vision is a dream with a mission.”

– Neil Peart

VLM pians live with a dream of creating a better tomorrow for the nation. To catalyse this, we have 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 acts as an integrating link between academia and industries where students assimilate and appreciate the practicality of theories they transpire through classroom sessions.

Alumni Reflections

“ PGPEX-VLM has been a life changing learning experience for me and I am grateful to be part of the community many years after completion of the course as well through the platform created by each of the subsequent batches as well as through various initiatives of CII. Over the course of years, I have seen participants of this course achieving high accolades in the industry in various conventional as well as emerging fields including achieving success as entrepreneurs.

Ankan Mitra

Shell America, Business Development (New Energies)
Class of 2013

“ PGPEX - VLM combines the strengths of 3 world class institutions providing exposure which is unparalleled. This course has helped to know what you don't know, thus unleashing the enormous opportunities that lie ahead.

Somesh Joshi

John Deere, Platform Lead (Program Management)
Class of 2009

“ I was part of 1st Batch, with lots of anxiety, went through the grill of the course. The VLMP course structure, the Professors who ingrained this into me & experience learning from fellow batchmates was phenomenal. Even after 13 years of passing out, the learning is instrumental in Analysis & Decision Making.

Mausam Agarwal

UBS, Director-Sourcing, IT& Ops.
Class of 2008





PGPEX VLM Office

INDIAN INSTITUTE OF MANAGEMENT CALCUTTA

Diamond Harbour Road, Joka, Kolkata - 700 104, India

📞 91 33 2467 8300/6 (Extn. 1191-94)

✉️ vlmp@iimcal.ac.in / admissions_pgpexvml@iimcal.ac.in

📘 PGPEX-VLM IIM Calcutta, IIT Kanpur, IIT Madras | Facebook

🐦 @PGPEX_VLM_IIMC

🌐 PGPEX VLM- IIM Calcutta, IIT Kanpur & IIT Madras : Overview | LinkedIn

📷 PGPEX-VLM IIMC IITK IITM (@pgpexvml_iimc) • Instagram photos and videos