



विद्या परं दैवतम्

# IIM

भारतीय प्रबंध संस्थान विशाखपट्टनम

Indian Institute of Management Visakhapatnam



## EXECUTIVE DEVELOPMENT PROGRAM IN **DIGITAL SUPPLY CHAIN & LOGISTICS MANAGEMENT**

Live Online Classes

3rd Batch



**VALUE**  
(STUDY ANYWHERE)  
**VIDYA**

Batch Intake 50 Candidates Only



## ABOUT IIM VISAKHAPATNAM

Indian Institute of Management Visakhapatnam (IIMV) belongs to the prestigious IIM family of business schools. It is a new generation IIM, set up by the Government of India in September 2015. The Indian Institutes of Management Act 2017 declares IIMs as Institutions of National Importance, empowered to attain standards of global excellence in management, management research and allied areas of knowledge.

Continuing its journey towards steady progress and growth since its inception, IIM Visakhapatnam has already carved out for itself a niche among IIMs, crossing several milestones and maintaining a distinct lead in:

- Having rich knowledge resources; and modern infrastructure, even in its temporary campus, conducive to learning outcomes of high impact.
- Having a vibrant student cohort with national character (representing 22 states) that excels in academics, co- and extracurricular activities and regularly wins competitions pan-India.
- Recording top placements among 10 IIMs.
- Enjoying excellent linkage with apex industry bodies like CII.
- Having all faculty with PhDs from top-notch institutions of India and abroad such as IIMs, IITs, and reputed foreign universities.
- Hosting the largest cohort of women entrepreneurs after IIM Bangalore (Mentor Institute), under a special initiative called the Women Startup Program.

## ABOUT VALUE VIDYA

Value Vidya is one of the leading Ed-Tech startups in India. We partner with leading IIMs and top global business schools to curate and deliver the best and most relevant executive programs for working professionals. We deliver best-in-class service to our students, which is accomplished by our constant focus on quality, integrity, consistency and customer focus. Our state-of-the-art Learning Management System (LMS) ensures a smooth and high quality learning experience for professionals. Learn from anywhere and take your career to the next level with Value Vidya.



## ABOUT THE PROGRAM

Globalization of economies has increased competitive pressure and has heightened customer expectations. Emerging manufacturing and supply chain technologies have a profound effect on the way organizations work and conduct their businesses. Organizations are focusing on supply chain and logistics process integration to bring efficiency, cost reduction, product visibility, and increase in productivity to add value to their services to customers and to gain competitive advantage. In this age of digital transformation-based competition, where manufacturing excellence and product innovations are no longer the sources of long-term competitive advantage, but the transformation of supply chain and logistics processes with adopting digital technologies. Today most global and national companies compete based on their logistics and supply chain digital innovation and adopting of fourth generation technologies. Since cost of distribution and logistics is a significant component of the total cost of operations, managers must understand the issues involved in logistics and supply chain management.

Supply chain integration is possible through disciplining of logistics management, which has advanced from warehousing and transportation to the boardrooms of successful companies across the world. Capabilities in Logistics supplement the supply chain operations. Efficiency and effectiveness of inventory movement across the supply chain depends on the capability of logistics management. Logistics has an important and a key role to play in customer service strategy of an organization. With the emergence of e-commerce, logistics operations have become more challenging than ever before because the competition is just a click away. Under these circumstances, supply chain and logistics managers should understand the role of digital competencies and capabilities of their organizations to increase the sustainability in competitive world. Therefore, this course is specifically designed for experienced supply chain and logistics managers to enable digitalization of supply chain and logistics processes from a managerial perspective and equip them with ability to take decisions when faced with different situations in the corporate world.



# ABOUT THE PROGRAM

## Program Objectives:

- To develop an understanding of the various supply chain and logistics processes.
- To develop and analyze the role of digital transformation of the supply chain and logistics processes.
- To analyze the effectiveness of supply chain and logistics processes in digital age.
- To understand the roadmap for developing sustainable and industry 4.0 perspective of supply chain and logistics management.

## Who Should Attend

- Professionals who are looking to upgrade their career in Supply Chain.
- Entrepreneurs/Managers & Leaders, Coordinators and Team Members.
- Working professionals in an organization with an acumen and interest in Supply Chain & Logistics Management.

# PROGRAM HIGHLIGHTS



## CERTIFICATION FROM IIM VISAKHAPATNAM

Opportunity to earn certificate of completion in Digital Supply Chain & Logistics Management from Indian Institute of Management Visakhapatnam.



## WEEKEND ONLINE & INTERACTIVE CLASSES

Classes are held on weekends so that learning and work can be managed together and it's easy for working professionals to attend lectures.



## INDIA'S TOP FACULTY PANEL

Learn from top IIM faculty panel - Classes by highly qualified professors in the field of Supply Chain Management.



## CASE BASED SESSIONS

Real life, case-based course structure to enhance implementation of theoretical concepts to real life problems.



## MODERN SUPPLY CHAIN CONCEPTS COVERED

Learn about the digitization of supply chain management, supply chain analytics, performance management, supply chain and logistics 4.0 and more.



## INSIGHTS INTO SUPPLY CHAIN MANAGEMENT

Supply chain management tools and techniques are essential for any modern organization to succeed. Become a highly qualified professional in this field.



## END TERM PROJECT

Project work is an imperative part of the program as it ensures practical knowledge of all concepts and techniques. At the end of the term, the project is presented to the faculty panel for the final review.

# PROGRAM OUTLINE

## **MODULE 1: Supply Chain and Logistics Strategies and Decisions**

- Supply chain strategies, supply chain drivers/metrics, push-pull strategies, competitive advantage
- Logistical Strategy and Planning, Sustainable Logistics strategies
- Prerequisites and infrastructures of modernized logistics and supply chain management
- Creation of responsive supply chain and logistics system
- Global vs Domestic supply chain and logistics system

## **MODULE 2: Supply Chain & Logistics Network Design**

- Transport mode selection and type and transport cost modelling
- Warehouse design and management with analytics
- Vehicle scheduling problem
- Logistics network design under uncertain and resilient environment
- Supply network design class exercise

## **MODULE 3: Forecasting, facility location, and coordination**

- Product lifecycle and forecasting, Improving the visibility of demand, supply chain fulcrum, aggregate planning
- Predictive analytics for demand, location selection
- Coordination mechanism in supply chain and logistics
- Collaborative planning, forecasting, and replenishment (CPFR)
- Product design and supply chain complexity
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## **MODULE 4: Managing inventory flow, risk, and resilience**

- Strategic lead time management, Logistics pipeline management, Quick response in logistics, Production strategies for quick response, Synchronization of production and consumption
- Inventory analytics
- Risk and resilience management in pandemic situation
- Humanitarian logistics planning and management

## **MODULE 5: Supply chain and logistics service quality**

- Designing and assuring service quality in digital supply chain
- SERVQUAL framework for digital supply chain
- Service quality analytics for LSPs/supply chain actors
- Global supply Chain quality and international quality standards
- "Voice of market" and service quality design
- Service quality 4.0 framework for supplier/LSP

# PROGRAM OUTLINE

## MODULE 6: Digitalization of supply chain and logistics

- Logistics and supply chain management information system
- Sectoral discussion on digital supply chain
- Benefit and beneficiary's matrix of digitalization
- Digital service supply chain
- Case discussion and analysis

## MODULE 7: Performance management in supply chain

- Supply chain sourcing decisions, bull whip effect analysis
- Supply chain performance analytics with multi-criteria assessment
- Types of logistics service providers (LSPs)
- Performance assessment of logistics service providers
- Goal oriented performance measurement, attribute of national logistics system, SCOR model
- Case discussion and analysis

## MODULE 8: Supply chain and logistics 4.0

- Sustainable supply chain practices
- Data-driven supply chain and logistics
- Physical internet, hyperloop logistics, logistics 4.0
- Framework for Carbon-neutral supply chain and logistics system
- SWOT analytics for assessing sustainability of supply chain and logistics processes
- Sustainable production and consumption in supply chain

## Project submission and examination

# TOOLS USED



# TABLEAU MASTERCLASS BY NULEARN

## Introduction

- Introduction to Tableau
- Data Connection
- Tableau Environment

## Basic charts

- Text Tables
- Highlight Tables
- Pie Charts
- Bar Chart
- Stacked Bar Chart
- Side by Side Bar Chart
- Line Chart Continuous
- Line Chart Discrete

## Analytics

- Analytics

## Advanced charts

- Scatter Plot
- Tree Map
- Symbol Map
- Filled Map
- Dual Line Chart
- Dual Combination
- Box and Whisker

## Formatting

- Filters, Totals, Highlighters, Groups
- Table Calculations
- Sparklines
- Word Cloud

## Conclusion

- Dashboard
- Story

**Minimum 60% attendance is required in Tableau Masterclasses to get certificate.**



tableau



# EMINENT FACULTY PANEL



**Dr. Aalok Kumar**  
PhD (IIT Roorkee)

Dr. Aalok Kumar has been awarded PhD in Operations Management from Department of Management Studies, Indian Institute of Technology (IIT) Roorkee, India and MTech. in Industrial Management from IIT (BHU) Varanasi with Gold Medal. His PhD work also received the “Excellence in Doctoral Research Award” from IIT Roorkee. During his PhD, he has been also awarded with prestigious Newton-Bhabha fellowship (jointly awarded by British Council UK and DST India) at the University of Sussex, UK, and Queen Elizabeth Visiting Fellowship at the University of Regina, Canada (awarded by Government of Canada). Prior to IIMV, he was working with Jaipuria Institute of Management Lucknow in Operations Management area. His research interests are in multimodal logistics planning, data-driven logistics operations in Industry 4.0 era, electric vehicles-based freight mobility, and resilient logistics system. His research work has appeared in top journals of Operations and Management Science, such as Transportation Research Part A: Policy and Practice, Transport Policy, Journal of Cleaner Production, and Journal of Enterprise Information Management, among others. He has also participated in EURO Winter School at the University of Padova, Italy, and presented paper in various conferences such as POMS USA, EURO Europe, DSI USA, SOM India, GLOGIFT India, and IEOM Society USA.

# EMINENT FACULTY PANEL



**Dr. P R S Sarma**  
PhD (IIT Delhi)

Prof. Sarma has obtained his PhD and MBA (Technology Management) from IIT Delhi. Before joining, he was associated with IIM Raipur. He comes with a rich Industry, teaching, administrative and Project experience and was previously Professor In-charge of Administration & CAO, Professor In-charge of Infrastructure & Facilities, Chair of PGP, PGPWE, Executive Education Programs, Student Affairs, First Appellate Authority (RTI 2005).

His research interests lie in the areas of I-4.0 - LSS and Circular Economy.

Prior to joining Academics, Dr. Sarma has worked in C-DoT (A Telecom Technology Centre for Govt. of India) and Telecommunications Consultants India Limited (A Govt. of India Enterprise).

Dr. Sarma, has more than 32 years of Experience in which more than 20 years of wide and varied industry experience in field of Information and Communication Technologies (ICT) in Teaching, Training & Consultancy Telecom and Information technologies, Feasibility study – preparation of techno-commercial proposals, Business Development, Project Management, Project Logistics, Supply Chain Management, Client Relationship development and Maintenance, Documentation, and Material Management. On individual assignments viz., Project Management, Project report preparation, Feasibility analysis, Project execution etc. visited several foreign Countries viz., Algeria, Austria, Bangladesh, Benin, Botswana, Burkina-Faso, Denmark, Egypt, France, Ghana, Ivory-coast, Japan, Kenya, Kingdom of Saudi Arabia, Latvia, Malaysia, Mali, Mauritius, Morocco, Nepal, Norway, Russia, Singapore, Sri Lanka, Syria, Sweden, Togo, Tunisia and USA etc.

## NOTE:

**Renowned guest faculty members and industry experts in the field of supply chain management and logistics will be part of the program.**



## COURSE DELIVERY

Duration: 6 months blended  
Delivery mode: Plug n Learn  
Frequency: Once in a week



## COURSE SCHEDULE

3 hrs on every Sunday: 4:00 PM - 7:00 PM  
Course Commencement Date: Will be updated.



## COURSE PEDAGOGY

- Course will be taught through online platforms.
- Instructor's notes, data and scripts will be shared via Nulearn Platform.
- Participants will be evaluated continuously through continuous assignments.
- There will be final examination with multiple choice questions.
- Course material is solely meant for recipient's and should not be distributed/shared elsewhere.



## ELIGIBILITY

- For Indian Participants – Graduates or Diploma Holders (only 10+2+3) from a recognized university (UGC/AICTE/DEC/AIU/State Government) in any discipline.
- For International Participants – Graduation or equivalent degree from any recognized University or Institution in their respective country.
- Working Professionals with a minimum of 2 years of experience (graduates) and 4 years of work experience (diploma holders)
- On case-to-case basis less experience can be considered.



## PAYMENT MODE

Online payment or DD in favor of "VALUE VIDYA LLP" payable at "Bengaluru".



## ASSESSMENT CRITERIA

| Evaluation Component                    | Type (Individual/Group) | Weightage |
|---|-------------------------|-----------|
| End-Course Evaluation (end examination) | Individual              | 50%       |
| Project Report                          | Group                   | 20%       |
| Project Presentation                    | Group                   | 20%       |
| Class exercise                          | Group                   | 10%       |



## HOW TO APPLY

To apply, working professionals can register at <https://www.ValueVidya.com> or call at +91 6366125554.

# SAMPLE CERTIFICATE

- NOTE :-**
- A minimum of 70% attendance in the course is mandatory.
  - Participants who clear the final examination and have the requisite attendance will be provided course completion certificate.
  - Participants who do not clear the final examination but have requisite attendance will be awarded participation certificate only.



## FEE STRUCTURE & EMI PLAN

### Program Fee

|                            |                   |
|----------------------------|-------------------|
| For Indian Residents       | INR 75,000 + GST* |
| For International Students | \$1,500           |

\*Application Fee of 1000/- INR to be paid at the time of registration.

**to be paid at the time of Registration**

Note:- Application fee is non-refundable even if the application is rejected or enrollment is cancelled.

### Installment Schedule

|     |                           |                                      |
|-----|---------------------------|--------------------------------------|
| 1st | INR 25,000 + GST* / \$500 | Payment Deadline - Immediate Payment |
| 2nd | INR 25,000 + GST* / \$500 | Payment Deadline - 20th July 2023    |
| 3rd | INR 25,000 + GST* / \$500 | Payment Deadline - 20th October 2023 |

**No Cost 6 Months EMI Option available by our loan partner:**

**Pay as Low as 12,500 + GST\* per month.**

**(12,500 + GST\* x 6 = 75,000 + GST\*)**

\* Loan option with interest available in 9 & 12 EMIs

\* EMI dates may vary on a case to case basis

\* 1% + GST\* processing fees will be charged by loan partner in 6/9/12 months EMI.

**For Admission Enquiries Please Contact :**



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