



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



**One-year PGPEX on
Logistics and Operations Excellence through
Digitization
by
CENTER OF MANAGEMENT EDUCATION
Angul, Odisha**

Jointly run by IIM Mumbai & IIM Sambalpur

**Starting
on**

JUNE

15

**Registration Deadline
29th May 2024**

Program Fees: INR 8 Lacs (including GST)



ABOUT THE CENTER OF MANAGEMENT EDUCATION

- The Center of Management Education (CME) inaugurated by the Hon'ble Minister of Education, Govt. of India, Shri Dharmendra Pradhan, is set up in NALCO Campus at Angul, Odisha.
- The CME will play a pivotal role in upscaling the professional skills of the working executives in Operations, Supply Chain, Logistics and Digitization domain in the mineral, coal, power and other industries in Odisha and other states.



ABOUT THE PROGRAM

- Critical natural resources need to be effectively extracted using process optimization, analytics and digitization to achieve operational excellence. Metals, minerals and other industries need to enhance their operational performance through improved logistics and adoption of digital technologies.
- Managerial and leadership skills with proficiency in cutting-edge technologies can substantially enhance business performance.
- The program leverages the combined knowledge and experience of experts from IIM Mumbai and IIM Sambalpur. It aims to deliver a comprehensive and high-value one-year PGPEX program.





Program Objectives

- To understand and develop functional skills to identify opportunities for improvement.
- To analyze and evaluate the processes using analytical techniques to improve operational efficiency.
- To evaluate opportunities for adoption of digital technologies for logistics excellence.
- To build efficient, resilient and sustainable supply chain.
- To promote capacity building under PM GatiShakti National Master Plan, aligned with NEP 2020.



Structure

- Starting on June 15, 2024
- Four Modules || 400 hours || 40 credits
- Mode of delivery: Hybrid (Both offline & online)
- Registration Deadline – May 29, 2024



Highlights

- Proper balance of theory, hands-on and practical applications.
- Global Online Courses by world-renowned faculty
- Experiential learning through industry projects



Payment

1st Installment of 4 Lacs by June 7, 2024 || 2nd Installment of 4 Lacs by October 7, 2024

Curriculum

Module I

Sl. No.	Course	Credit
1	Managing Operational Excellence	3
2	Productivity Management	1.5
3	Data Visualization and Dashboard Generation	1.5
4	Marketing Management	1.5
5	Finance and Accounting	1.5
		9 credits

Module II

Sl. No.	Course	Credit
1	Supply Chain Management	3
2	Procurement and Materials Management	1.5
3	Leadership and Communication	1.5
4	Business Analytics	3
		9 credits

Module III

Sl. No.	Course	Credit
1	Logistics, Warehouse & Transportation Management	3
2	Sustainability Management	1.5
3	Decision Support Models	3
4	Supply Chain Digitization	1.5
5	Global Online Course - I	2
		11 credits

Module IV

Sl. No.	Course	Credit
1	ERP applications in Manufacturing Sector	1.5
2	Cyber-physical Systems	1.5
3	Industrial Relations and Labour Laws	1.5
4	Clean and Green Warehouse & Yard Management	1.5
5	Global Online Course - II	2
6	Capstone Project	3
		11 credits

Course Focus and Outcomes



Focus

- Operational Excellence
- Logistics and Supply Chain
- Digital Transformation
- Advanced Analytical Skills
- Practical Application and Hands-on
- Tools for Efficiency



Outcomes

- Develop expertise in managing operational excellence across various business domains, from productivity enhancement to sustainability management.
- Acquire advanced analytical skills for data-driven decision-making and performance optimization within organizations.
- Apply learned concepts and tools through practical projects, preparing to implement innovative solutions in real-world scenarios.

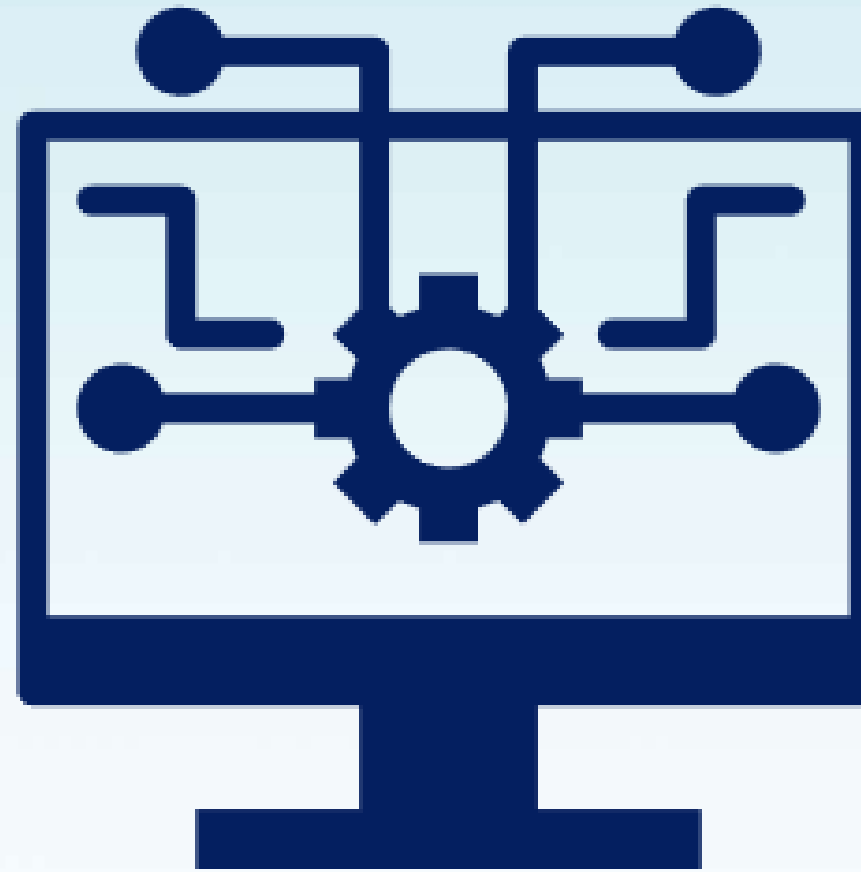


Patrons



Prof. Mahadeo Jaiswal
Director, IIM Sambalpur

- Holds a PGPX from MIT, USA, and a PhD in Computer Science from Delhi University.
- Served as a Visiting Professor at IIM Ahmedabad, University of California, USA, and Rotterdam School of Management, NL.
- His expertise lies in Innovation Strategy, Digital Innovation, Social Entrepreneurship, and IT Strategy.
- He has authored over 100 research papers and seven books in Information Systems and Digital Strategy.



Prof. Manoj Kumar Tiwari
Director, IIM Mumbai

- Stalwart in the O&SCM and Industrial Engineering domain with over 300 publications in international journals
- Recipient of "Most Influential Researcher Award" in the domain of Operations & Supply Chain Management
- Recipient of David F. Baker Distinguished Research Award from Institute of Industrial & Systems Engineers (IISE). USA.

IIM Sambalpur



Hon'ble Prime Minister Narendra Modi laid the foundation stone for the permanent campus of IIM Sambalpur through video conferencing on January 2, 2021, and later inaugurated it by visiting the campus on February 3, 2024. Conveniently located near Hirakud Railway Station, Sambalpur City, and Jharsuguda Airport, it embodies Prof. Mahadeo Jaiswal's vision with its integration of Odisha's traditional IKAT art on its brick facade, showcasing the state's vibrant colors.

IIM Mumbai



IIM Mumbai, formerly NITIE, established in 1963, is ranked 7th among Indian management schools by NIRF 2023 in its Diamond Jubilee year. Specializing in industrial management, supply chain, and operations, it emphasizes on transformative education and industry-inspired research. With strong connections across sectors, it aims to propel Indian businesses globally, fostering innovation, leadership, and competitiveness in management education.

Center Coordinators



Prof. Ramakrushna Padhy

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IIM Sambalpur Team

- Prof Siddharth Gaurav Majhi
- Prof Padmavathy Dhillon
- Prof Saumyaranjan Sahoo
- Prof Anand Hindolia
- Prof Diwahar Nadar



Prof. Padmanav Acharya

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IIM Mumbai Team

- Prof. V.B. Khanapuri
- Prof. Rakesh Verma
- Prof. Sanjeev Verma
- Prof. Maheswar Singha Mahapatra
- Prof Jasashwi Mandal

