



भारतीय प्रबंध संस्थान रायपुर
Indian Institute of Management Raipur



EXECUTIVE DEVELOPMENT PROGRAM IN OPERATIONS MANAGEMENT WITH SIX SIGMA

Online Classes & Campus Immersion

5th Batch



VALUE
(STUDY ANYWHERE)
VIDYA



ABOUT IIM RAIPUR

Indian Institute of Management Raipur was set up by the Government of India, Ministry of Human Resource Development in 2010 at Raipur, the capital of Chhattisgarh. Chhattisgarh is one of the fastest growing states of India with its rich mineral, forest, natural and local resources.

The Institute believes in preparing ethical leaders who are not only committed to business, commerce and industry but are also socially conscious towards their contributions in nation building and bring in name for the country globally. The institute is abuzz with activities carried by the student clubs which are now expanding their scope of activity and bringing luminaries from the Corporate.

The Institute has its permanent campus in Atal Nagar (Naya Raipur), Chhattisgarh. The Institute has well equipped air-conditioned Lecture Rooms, Library, Simulation Lab and comfortable on-campus airconditioned boarding and lodging arrangements on double occupancy basis for the Management Development Programme participants at the campus.

IIM Raipur has been ranked 2nd in the Times Annual B-School Ranking Survey 2021 in India.

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



PROGRAM OBJECTIVES

Executive Certificate Program in Operations Management with IIM Raipur is a blended learning program of 5 months duration. Learn about the newest trends and tools from India's top-notch faculty and Industry Mentors. This course lays the foundation for designing and managing business processes besides developing insights about strategic and tactical aspects of operations.

- To understand operations and supply chain management and its underlying issues.
- To impart the knowledge of ways in which operations are deployed as an effective lever for furthering competitiveness of the entire supply chain.
- To understand specific challenges within the realm of operations and supply chain management.
- To make participants internalize specific tools and their working in making informed decisions within supply chain management.
- To appreciate the role of quality management in improvements in operations
- To deploy a six-sigma framework and methodologies for continuous improvement
- To make participants familiar with the lean philosophy and its implementation in improving operations.

WHO SHOULD ATTEND

- Professionals who are looking to upgrade their career in Operations.
- Operations Manager or Leads, Project Management Professionals, Executives from Services and Manufacturing Sector.
- Those who have abilities to drive innovation and change with a view of keeping their business relevant and competitive in the future.

PROGRAM HIGHLIGHTS



CERTIFICATION FROM IIM RAIPUR

Opportunity to earn certificate of completion in Operations Management with Six Sigma from Indian Institute of Management Raipur.



WEEKEND ONLINE & INTERACTIVE CLASSES

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



INSIGHTS INTO OPERATIONS MANAGEMENT WITH SIX SIGMA

Operations management processes address the questions that an organization faces in its choice of products, manufacturing technology, utilization of capacity, management of quality, costing and sourcing of materials and supply chain management.



GREEN BELT CERTIFICATION

Curriculum covers all elements of Six Sigma Green Belt Certification.



HAND ON EXERCISES ON TOOLS

Hands on exposure on tools like Minitab, EVS, Advanced Excel & JMP



SIX SIGMA METHODOLOGY USING MINITAB

Learn to apply six-sigma methodology using Minitab's functions.



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 at the campus for the final review.



CAMPUS VISIT

IIM campus visit at the end of course enables students to interact with their faculty panel and peers.

BENEFITS TO PARTICIPANTS



The course would enable participants to evolve an understanding of the contemporary challenges in Projectized organizations, service industry while at the same time help them internalize specific nuances pertaining to service design. The course would also equip participants with several Project execution skills and analytical models for make competitive service decisions as decision-makers.

PROGRAM OUTLINE

Paradigms of Operations Management

- Nature of operations in manufacturing and services
- Visualizing challenges in manufacturing and services
- Strategies for operational competitiveness

Service Delivery

- Service delivery system design
- Service quality

Operational Excellence

- Efficiency and productivity studies
- Efficiency modeling using Linear programming

New Product Development

- Concurrent product development
- Quality functional deployment
- Contemporary challenges in product development
- Product platforms

Forecasting in Operations Management

- Various forecasting techniques and their applications
- Measures of forecasting accuracy
- Forecasting using MS EXCEL

Decision Analysis

- Expected value for decision-making
- Decision tree

Project Planning and Scheduling

- Project life cycle
- PERT/CPM methods

Inventory and Supply Chain Management

- Economic order quantity
- Inventory classification based on review systems and vendor management
- Concepts of supply chain management
- Issues in supply chain coordination, integration, and sourcing

Quality Management

- Understanding quality and its dimensions
- Total quality management
- Understanding defects
- Continuous improvement

PROGRAM OUTLINE

Quality Tools

- Check sheet
- Fishbone Diagram
- Histogram
- Scatter Plot
- Pareto Chart
- Flowchart
- Statistical Process Control (Control Chart)

Six Sigma Management

- ISO 9000
- Six Sigma philosophy
- Six Sigma infrastructure
- Six Sigma responsibilities
- Six Sigma deployment to the supply chain

Six Sigma Methodology

- DMAIC and DMADV
- Tools to Define
- Tools to Measure
- Tools to Analyze
- Tools to Improve
- Tools to Control

Six Sigma and Lean Management

- Lean and Muda
- Types of waste
- Value stream mapping (VSM)
- KAIZEN

TOOLS USED



IIM CAMPUS IMMERSION



EMINENT FACULTY PANEL



Prof Mohit Goswami
PhD (IIT KHARAGPUR)

Prof. Mohit Goswami is a unique amalgam of academics and industry. Prof. Goswami prior to joining academia was associated with global fortune 500 manufacturers/groups including Caterpillar Inc. (Decatur, Illinois, USA), Tata Motors Ltd. (Pune and Jamshedpur) and Tata Hitachi Construction Machinery Co. Ltd. (Jamshedpur) in various engineering and technology management roles. At IIM Raipur, he teaches courses both at MBA and PhD programs. His research interests include new product development, supply chain design, product line management, risk modeling in supply chain. His research has been published in reputed journals as International Journal of Production Research, Journal of Intelligent Manufacturing, International Journal of Advanced Manufacturing Technology. He is one of the select few individuals whose PhD at IIT Kharagpur got awarded in around 2 years 6 months time. He is currently heading the working executive PGP program at IIM Raipur

Awards & Recognitions:

- Recognized by Hitachi India Pvt. Ltd. for exemplifying the values of Hitachi's brand attributes.
- Awarded 1st prize in the quality workshop on top customer issues at Tata Hitachi.
- Vice-president of Society of manufacturing engineers-university chapter during Master's program.
- Full time tuition fee waiver for two semesters during Master's program.
- Graduate research assistant in the Engineering Management and Systems Engineering department during Master's program.
- Member of the Caterpillar's recruitment and mentoring committee for young engineers.

EMINENT FACULTY PANEL



Prof Gopal Kumar
PhD (IIT KHARAGPUR)

Gopal Kumar is Assistant Professor of Operations Management at the IIM Raipur. He received his PhD in supply chain collaboration from the IIT Kharagpur. He carried postdoctoral research at Dublin City University (DCU), Ireland where he worked on facilitating easy access of advanced predictive modelling for improving productivity of SMEs in Europe in collaboration with various European SMEs—Ceramicx Ireland, Vistakon, ICMR—and University of Edinburgh, UK. He also has experience in ERP development. Based on open source philosophy, he developed a commercial tool, for European Union, which largely streamlined the expertise and time required for predictive modelling along with process optimization. His research articles are published in various prestigious peer reviewed journals. He presented his research work at several globally recognized Operations and Supply Chain Management forum. His primary research interests include supply chain collaboration, sustainable and green supply chain collaboration, sourcing, product-service system, big data analytics, business process automation, and information technology application in improving and optimizing operations of SMEs.

Area of Research:

- Operations and Supply Chain Management
- Green and Sustainable Collaboration
- Development of Collaboration Mechanism and Governance
- Supplier Selection
- Decision Sciences
- Product-Service Systems (Servitization)
- Information Technology Application in Operations and Supply Chain Management of SMEs
- Development of Decision Support Systems Using Open Source Technologies



COURSE DELIVERY

Duration: 5 months blended
Delivery mode: Nulearn Plug n Learn
Frequency: Once in a week



COURSE SCHEDULE

3 hours on every Sunday: 12.30 PM - 03.30 PM
Course commencement date: 5th June, 2022



COURSE PEDAGOGY

To meet the desired objectives of the course, the pedagogical methods that would include but not limited to are: Lectures and discussions on the online platform, problem solving, and case analysis.



ELIGIBILITY

- Graduation or equivalent degree from any recognized University or Institute.
- Junior, Mid, and Senior Level Managers working in Operations area in both Services and Manufacturing.
- Corporate Nominated (graduation criteria may be considered for exemption in cases where participants have some prior experience).
- Working Professionals with a minimum of 2 years of experience.
- 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

Quizzes	50%
Project Presentation	30%
Viva	20%



HOW TO APPLY

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

SAMPLE CERTIFICATE



NOTE :-

- This is sample certificate. Subject to be changed.
- Minimum 70% attendance and 40% marks in assessment are required to receive Certificate of Completion.
- Participants who are unable to clear the evaluation criteria but have the requisite attendance will be awarded Certificate of Participation.
- Participants who are unable to clear the evaluation criteria as well as don't have requisite attendance will not be awarded a certificate.

FEE STRUCTURE & EMI PLAN

Program Fee

For Indian Residents **INR 70,000 + GST***

For International Students \$1,650

*Application Fee 1000/- INR to be paid at the time of Registration

Installment Schedule

1st INR 20,000 + GST* / \$500 Payment Deadline - On Registration

2nd INR 25,000 + GST* / \$550 Payment Deadline - 20th April 2022

3rd INR 25,000 + GST* / \$600 Payment Deadline - 20th June 2022

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

Pay as Low as 11,667 + GST* per month.

(11,667 + GST* x 6 = 70,000 + GST*)

* Loan option with interest available in 9 & 12 EMIs

* EMI dates may vary on a case to case basis

* 1% processing fees will be charged.



For Admission Enquiries Please Contact :



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