INDIAN INSTITUTE OF MATERIALS MANAGEMENT

BANGALORE BRANCH

SHORT TERM CERTIFICATE COURSE
ON
ADVANCED SUPPLY CHAIN MANAGEMENT

Duration: Six Months, 39th Batch - February 2027

Become an IIMM Certified Supply Chain Manager

Avail the Chance to Become a Supply Chain Professional

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https://forms.gle/apwLijbNZtZ9vmUU8

CHARTER MEMBER

International Federation of Purchasing and Supply Management, USA

IFPSM

304, 306 & 307, A Wing, III Floor, Mittal Tower, No.6, M.G. Road, Bangalore – 560 001,
Tel: 40921766, Mobile: 9148745062 /9972441466

ABOUT IIMM

The Indian Institute of Materials Management stands as the foremost professional institution in India devoted to the field of materials management. Its mission centre's around fostering professional excellence in materials management to contribute to national prosperity and sustainable development. With a comprehensive presence spanning 52 branches and 19 chapters across the nation, IIMM is committed to offering a range of professional services, including educational courses, executive development programs, seminars, workshops, in-house training sessions, and consultancy services.

INTERNATIONAL AFFILIATION

In order to facilitate productive global discourse on the subject, IIMM holds a charter membership with the International Federation of Purchasing and Supply Management (IFPSM) in the United States. The IFPSM operates across 33 countries spanning all six continents, advocating for the perspectives of professionals in Purchasing and Materials Management on a global scale. Its primary objective is to promote professional growth, education, as well as foster cross-cultural interaction and collaboration in the realms of Purchasing, Materials Management, Logistics, International Trade, and associated fields.

OBJECTIVE OF THE COURSE

The main goal of this course is to provide essential knowledge and skills in key areas of Procurement. The curriculum encompasses fundamental theories and incorporates advancements in technology within the field. This course caters to both newcomers and seasoned professionals, equipping them with the latest expertise to enhance their performance in their respective roles, fostering career advancement and overall growth.

FACULTY

The sessions will be handled by Senior faculty from IIMM, who are specialists in Supply Chain Management domain, and have rich Professional and Industry experience.

QUALIFICATION

Qualification for joining this program
i. Any degree.
ii. Engineering / Diploma holders with 2 years practical experience in an organization.

WHO WILL BENEFIT

Professionals engaged in Supply Chain Management or associated roles within various industries or governmental entities stand to gain from this program. It caters to individuals starting their career journey as well as those seasoned in the field.
The course targets individuals across all sectors of manufacturing or service industries seeking to enhance their skill sets to thrive in the contemporary competitive landscape. Both newcomers and seasoned professionals can leverage this qualification to gain a competitive edge.

COURSE SCHEDULE

The course will be for 6 months duration
Commencement of admission : 2nd November 2026
Commencement of Classes : 2nd Week of February 2027
Final Examination : Within ten days after completion of all portions of All Subjects
Announcement of results : Within One Month After Final Examination

These dates are provisional and subject to change.

TEACHING METHODOLOGY

The Classes will be conducted Online on Microsoft Teams Meet Platform in an interactive mode.
The Lecture sessions will be conducted as per details below:
Fridays : 19.30 to 21.00 hours
Saturdays : 19.30 to 21.00 hours
Sundays : Morning Session: 09.30 to 11.00hours
Afternoon Session: 14.00 to 15.30 hours

ATTENDANCE

A minimum attendance of 75% in every subject is compulsory to qualify for the examinations. Nevertheless, exceptions will be made for students with a 50% attendance record upon payment of a penalty fee of Rs. 500. However, individuals availing this exception will not be eligible for distinctions or first-class honors.

ASSESSMENT

Students' performance will be assessed according to the following criteria:

- Internal Assessments (2 Tests): 20 marks (The top 2 out of 3 assessments administered)
- Attendance: 05 Marks
- Final Examination (Online): 75 Marks

Classroom sessions will incorporate diverse interactive components like presentations, videos, and case study discussions. Students are urged to present live case studies pertinent to the subject within the framework of organizational protocols to enrich the learning environment for all participants.

COURSE FEES

The total course fee amounts to Rs.25,000/-, inclusive of a one-year full membership of IIMM. Each participant will receive a set of the latest printed textbooks of softcopy for reference .Payment of all course fees must be completed before the classes commence. A penalty fee of Rs.500 will be imposed for any delays in payment. All course fees must be settled via demand draft or internet transfer methods such as RTGS or NEFT.

ACCOUNT DETAILS:
Beneficiary Name: Indian Institute of Materials Management
Bank: Canara Bank Branch: Trinity Circle Account Number: 0792101031770
IFSC code: CNRB0000792
GSTNo:29AAAAI0056P1ZF

COURSE CONTENT

PAPER	SUBJECT	MARKS
1	Purchasing Management	100
2	International Trade + Export Management	100
3	Logistics Management + Applications	100
4	Inventory Management	100
5	E-commerce & SCM Digitalization	100
6	Operations Management	100

CERTIFICATE AND RANKING

Upon successful completion of the program, candidates will receive a Completion Certificate from the Bangalore Branch of the Indian Institute of Materials Management. The classification of their performance in the examination will be based on the following criteria:

- Above 75%: First Class with Distinction
- Between 60% and 75%: First Class
- Between 40% and 60%: Second Class
- Below 40%: Fail

Those who either repeat the examination or fail to provide a valid reason with prior notification before the examination date will not be eligible for achieving First Class or Distinction.

An individual may attempt the qualification process for certification up to three times, counting the initial attempt, within a twelve-month window. Candidates retaking exams must remit an examination fee of Rs. 500 per subject to cover the assessment costs. Students opting out of further attempts can receive a participation certificate instead. The application form is accessible through registration at the IIMM Bangalore Branch via the provided link.

It would be advantageous for candidates to consider becoming members of the Institute, if they are not already members. This membership would entitle them to discounts on participating in the Institute's programs, in addition to benefits such as complimentary periodicals and access to lecture programs.

SYLLABUS

PURCHASING MANAGEMENT

- Overview of Purchasing Management & importance of Purchasing, Purchasing organization structure: roles, responsibility, authority. Developing policies and procedures. Policies and systems - relevance. Relationship with other departments.
- Ethical and professional standards. Concept of fairness, integrity, business morals, responsibility to the organization and treatment of suppliers. Conflict of interest.
- Make / buy / outsource /insource decisions
- Price Vs Cost. Understanding each of them. Various types of pricing. Impact of taxes and duties on pricing. Concept of total cost of ownership
- Purchasing cycle – all activities that are part of the business process, source selection and quality assurance. Vendor performance analysis, vendor rating systems
- Negotiation
- Contracts and purchase orders. Various types of contracts.
- Purchasing practices - class of materials like raw materials, commodities, MRO items, capital assets : leasing of capital assets. Purchasing of services.
- Factors influencing procurement, economic concepts, market analysis, environmental factors.
- Purchasing strategies - reduction of cycle time, development of alternate suppliers, alternate materials and processes. Strategy for vendor management
- Quality Costs, Quality Management Tools, overview.
- Modern practices - Overview of E-procurement System and process, e-auction.
- Procurement of Hazardous Materials - Safety, Legal Issues etc.
- Green Procurement, Sustainability
- Performance evaluation of purchase function.

INTERNATIONAL TRADE

- Need for international trade, factors affecting international trade, international product life cycle, challenges and opportunities in international trade, related trade imbalances and issues, global scenarios in international trade, trade imbalances, growth of MNCs
- Role of government in foreign trade, acts, rules and regulation affecting foreign trade, policy of import liberalization.
- International trade economics, balance of trade, accounting conventions in international trade, balance of payment and international linkages and foreign direct investment
- Instruments for implementation of trade policies like tariff and duties, quotas, subsidies, administrative policies and global trading system
- Role of customs in foreign trade, rules, regulation and valuation of goods in customs – procedure (Determination of price of imported goods).
- Foreign exchange determination – Basic concepts relating to FE, currency convertibility, Factors affecting foreign exchange, role of financial institutions, Government intervention in foreign exchange management, FEMA.
- Role of international organizations in foreign trade (like world bank, IMF, IBRD, etc.), international organization's involvement in FE management and regulation of foreign trade.
- Role of regional Trade Blocks influencing international trade (like EU, NAFTA, ASEAN, etc.) and their effect on international trade
- Export promotion schemes in India, Export documentation and procedures, organizations promoting exports (like EPC, ECGC, etc.)

- Import procedure and government policy on imports, procedures and import process including payment procedure in international trade, international rules and regulations governing payment process, risks in international trade
- Global economy and its effects on international trade, global sourcing - risks and rewards, INCOTERMS including updates.

LOGISTICS MANAGEMENT

- Logistics - Objectives and Concepts
- Supply Chain Management - fundamentals, flows of materials, information flows, strategies in supply chain management, relationship between customer, supplier and the manufacturer
- Warehouse Management - design principles, operation planning and cost reduction, warehousing and stores operations.
- Storage systems - various types, applications - advantages and disadvantages of systems
- Material Handling - Principles, guidelines and technologies in material handling systems, new developments and automation in material handling.
- Transportation - Role of transportation, types of transportation, factors affecting economics of transportation, total transportation cost.
- Physical Distribution - Activities, principles and related cost. Elements of cost in physical distribution. Efficiency - evaluation of system of physical distribution.
- Outsourcing - 3PL and 4PL systems and service providers and their responsibilities. Reverse logistics - challenges, system design. Need for efficient reverse logistics system
- Channel Management - design, physical flow in channel, structure of channel, functions of channels. Channel partner - selection and responsibilities.
- Global Logistics: Overview, Modes of Transportation: Air, Sea and Multimodal Transportation; Containerization, Global Distribution.
- Packaging : Importance, Major types of Packaging, Applications.

INVENTORY MANAGEMENT

- Introduction - Need for inventory, importance of inventory, objectives of inventory management, Impact of inventory on profitability, Factors influencing inventory.
- Types of Inventory – categorization like raw materials, etc.
- Purchasing cost, holding cost, total cost of acquisition and activity-based costing role in inventory costing
- Concept of selective inventory control, classification in to various types like ABC, etc. influence of variety reduction, coding and standardization in inventory management
- Concepts of EOQ, safety stock, service level and its relationship to safety stock Demand Forecasting– Techniques, trends and analysis
- Inventory management systems - Fixed Time system, Perpetual review system, bin systems, Vendor managed inventory systems, etc.
- Concept of MRP, study of MRP system and its influence on Inventory
- Inventory Management - Vendor Managed Inventory (VMI), WIP, FG inventories, spare parts inventories and its optimization, slow- and non-moving inventories
- Lean Principles in Inventory Management

E-COMMERCE & SCM DIGITALIZATION

- Introduction to computers - Evolution of computers, operating system of computers, application of computers in various fields

- Information systems – Data and information, components of information system, types of information system, SDLC.
- Database Management systems (DBMS) - DB and DBS.
- Application of DBMS. Internet - Internet technology and terminologies.
- E-Commerce - Features of e-Commerce, e-commerce business models (B2B, B2C, G2B, G2C, G2G etc.), requirements of Start-ups.
- E-governance - Applications of E– Governance.
- Legal issues - IT act, digital signatures, security issues (Authentication and authorization).
- ERP systems - ERP Implementation Cycle
- Logistics information systems - Role of IT in logistics operations, Logistics Information Management systems (LIMS).
- Emerging Trends - Introduction to Data Science, IoT, AI, 3D Printing, Business Analytics, AR, VR etc.

OPERATIONS MANAGEMENT

- Introduction - Nature, scope, and importance of operation management. Decision making and advanced statistical techniques in production management
- Strategies in business and its relationship in operation management. Importance of operation strategies in business strategies.
- Production process - Classification, product and process design - selection, managing change, plant layout and design, product lifecycle and Process planning.
- Facilities planning, Environmental factors affecting manufacturing process.
- Production planning and control - various planning processes. Resource planning - related planning systems like MRP, etc.
- Shop floor planning, scheduling and relationship with various types of manufacturing systems like job manufacturing, batch manufacturing, etc. line of balance method – scheduling and controlling production delivery schedules.
- Job design and work measurement, employee productivity - measurement, methods of improving productivity, learning curves and incentives for improving productivity.
- Quality control and management of quality, tools and methods of quality management. TQM tools for analysis and techniques for quality.
- Lean manufacturing, TPM (total productive maintenance management), maintenance methods and techniques.
- Automation in Operations Management.

For more details and registration please contact below
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