

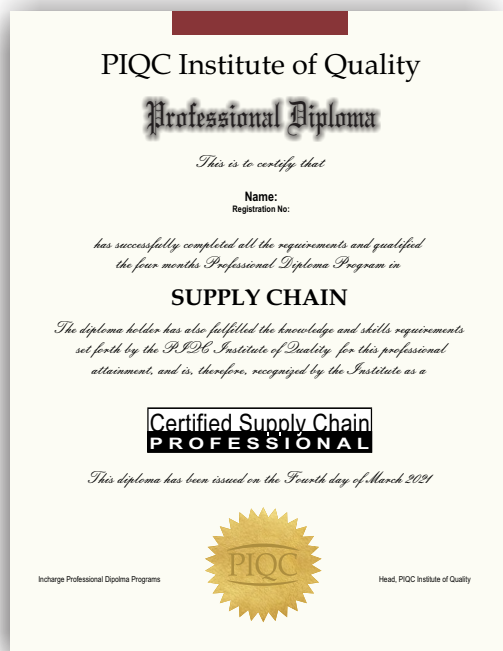


Leading the Modern
Quality Movement in Pakistan



Certified Supply Chain Professional

4 Months Weekend Based/Online Evening Based
Professional Diploma in Supply Chain Professional



*This professional diploma beneficial
for persons involved in all aspects
of operations & Supply Chain
Management and Logistics*





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Introduction

Over the past few years there has been growing realization to integrate the key business processes starting from suppliers to the end users of the product. Supply chain activities have an important role in transformation of natural resources, raw materials & components into a finished product and its delivery to the end customer or user. This has brought strong focus on Supply Chain Management which leads to better planned production and cost effective distribution of products. Certified Supply Chain Professional (CSCP) is designed to meet the rapidly changing needs of logistics, vendor/inventory/warehouse management of the organizations and to provide them a process to get competitive edge in the market.

Learning Outcomes

1. Understand the Supply Chain Management techniques
2. Understand the implementation of Supply Chain Management techniques in the organizations
3. Conceptualize roles & responsibilities of SCM stakeholders
4. Initiate or improve the Supply Chain activities in the organizations.

Course Contents

1. Material Management & Inventory Fundamentals
2. Production Planning System & Master Scheduling
3. Materials Requirement Planning
4. Capital Management & Planning
5. Production Activity Control
6. Forecasting Techniques & Purchasing
7. Supplier Quality Assurance
8. Order Quantities (Optimization)
9. Independent Demand Ordering System
10. Physical Inventory and Warehouse Management
11. Physical Distribution & Process Management
12. Just-in-Time Manufacturing & TQM

Teaching Strategies

This is a professional course which involves a number of higher level teaching methodologies. The course is spread over four months to facilitate inter-session study. In this regard participants will have to carry out timely study, investigations, and assignments to grip the subject. Discussions in the class are focused on the key points, critical thinking, experiential sharing of fellow participants and building professional maturity.



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Your best choice to become a Supply Chain Professional

Practical Project

The participants are required to work on real life projects on selected topics and tools, preferably from the organizations in which they are working. The projects will be of a practical nature and should be completed within the stipulated time frames. A project report will be submitted in accordance with the laid down criteria, format and coverage.

Course Facilitator

The faculty is derived from a pool of qualified practitioners and academicians having sound track record and expertise in the relevant field.

Course Contents

Module 1: Strategic Supply Chain Management:

Supply Chain Management Fundamentals, Supply Chain Strategies, Globalization Effects, Implications, Demand Planning, Supply Chain Risk identification, Mitigation & Response to SC Risk.

Module 2: Statistical Quality Control With Suppliers:

Fundamentals of Descriptive Statistics & Analysis, Check Sheets, Pareto Diagram, Cause and Effect Diagram, Histogram, Root Cause Analysis (RCA), Control Charts, Scatter Diagram.

Module 3: Purchasing Management:

Basics of Purchasing & Purchase Process, Supplier Communication & Relations.

Module 4: Inventory Management & Aggregate Planning:

Fundamentals of inventory management, Inventory Planning & Control, Inventory Forecasting, Warehousing.

Module 5: Technology & Industry 4.0:

Future Technological Management & Automation, Use of Artificial Intelligence in Supply Chain.

Module 6: Supplier Quality Management:

Supplier Selection/ Evaluation/ Performance Measurement, Supplier Quality Control.

Module 7: Sales, Logistics & Distribution:

Sales evolution, E-Commerce, Roles, service providers, Reverse logistics, Cross docking.

Module 8: Customer & Supplier Relationship Management:

Need & Scope of CRM, Customer Segmentation, CRM Elements & Implementation, QFD.

Module 9: Implementation & Operations:

SCOR Model, VMI, MRP, MRP2, ERP.

Module 10: Lean Management:

Types of Wastes, Lean Principles, Lean Thinking & Tools.



PIQC - Center for Excellence

Leading Institute in Pakistan providing academic programs, professional diplomas & certifications, short courses and corporate development in Quality Control (QC), Quality Assurance (QA) and Total Quality Management (TQM), Human Resource Management (HRM) and Health, Safety and Environment (HSE). Celebrating the 25th year of its establishment, PIQC vision is to see Pakistan a hallmark of Quality in the national and global environments. With its leadership and team of specialists, it has provided academic education and professional courses to more than 40,000 students and professionals. It is the pioneer and most authentic source for running International Six Sigma and Lean Manufacturing programs, including Six Sigma Yellow Belt, Six Sigma Green Belt and Six Sigma Black Belt in Pakistan.

PIQC has professional collaborations and linkages with various local and foreign organizations including Hamdard University, Superior University, NED University of Engineering and Technology, IQCS Certification, Singapore Quality Institute International (SQII), American Society for Quality (ASQ), and Quality and Productivity Society of Pakistan (QPSP)

Degree Programs	Professional Diploma	International Certifications	Corporate Courses	International Conventions
Masters & MPhil in: Quality Management Human Resource Management Industrial Management EHS Management	PIQC Diplomas/ Certifications in Quality Management Project Management Health Care Quality Management HSE Management HR Management Supply Chain Management Labor Laws and IR Management	Internationally Recognized Certifications IRCA (UK) Accredited Certified ISO 9000 Lead Auditor Certified Six Sigma Green Belt & Black Belt	Nation-wise seminars & workshops on Total Quality Management, Six Sigma, ISO 9000 Quality Assurance in Manufacturing, Services, Education, Banks and Healthcare, Total Productive Maintenance	PIQC has organized 13 International Conventions on Quality Improvement and 5 National Conferences on Quality Education in Pakistan since 1991

PIQC INSTITUTE OF QUALITY

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