

# **Department of Commerce**

**Manipal Academy of Higher Education,  
Manipal**

*Outcomes Based Education (OBE)  
Framework*

**One Year full time Postgraduate Diploma Course**

**(Post Graduate Diploma in Logistics and Supply Chain)**

## **1. NATURE AND EXTENT OF THE PROGRAM**

Postgraduate Diploma in Logistics and Supply Chain is a course that focuses on understanding the theoretical and practical functioning of an efficient and effective supply chain of materials and information. This course is designed to produce motivated, energetic, and skilled post graduates to meet the challenging and growing needs of the dynamic industry. Generally, the course doesn't focus on any specific discipline or sub-field within the field of supply chain management. It covers all the basic as well as the advanced elements of a comprehensive management education course. The PGD course offers knowledge and training in supply chain management in order to prepare students for not only managerial roles but also entrepreneurship. This course is the gateway to numerous job opportunities in a plethora of sectors like Management, Education and Government to name just a few. During the tenure of the course, students learn various aspects of supply chain through class room lectures, case studies and practical projects like internship.

The PGD Course duration is 1 year, which is divided into 2 semesters, respectively. This program is designed to equip students with the skills and self-confidence to stay ahead of the game and effectively manage a wide range of business environments. Students need to complete a range of compulsory courses that cover concepts relevant across the business world. Students will study topics including operations, logistics, performance management, marketing strategies and more. Students will graduate with the skills to confidently lead people and projects. During the course students will hear from industry guest lecturers, examine real-life case studies and undertake projects, placements and internships with leading businesses.

Graduates of the Postgraduate Diploma in Logistics and Supply Chain are distinguished by their professional readiness, self-reliance, and integrity. Graduates from Department of Commerce typically take leading roles in organisations across the private, public and not-for-profit sectors, and are ready to pursue opportunities that range from small start-ups to holding top management positions in large multinational organisations. The specific roles, industries and sectors our graduates work in largely depend on their specializations, although there is also flexibility to work in a general management capacity. This program also facilitates higher studies both in India and abroad in reputed universities.

## **2. PROGRAM EDUCATION OBJECTIVE (PEO)**

The overall objectives of the Learning Outcomes-based Curriculum Framework (LOCF) for PGD program are as follows.

<b>PEO No</b>	<b>Education Objective</b>
<b>PEO 1</b>	Students will be able to undertake diverse careers in global supply chain management, operations and logistics management.
<b>PEO 2</b>	Students will be able to provide a supportive and stimulating academic environment to the students that would be congenial for them to develop their expertise and knowledge in the field of supply chain management
<b>PEO 3</b>	Students will develop the expertise in the area of leadership, interpersonal skills, logistics, and operations.
<b>PEO 4</b>	Students will demonstrate strong professional competence, integrity, communication skills, and the ability to work in teams.
<b>PEO 5</b>	Students will be culturally adept and will respect diversity to work effectively and efficiently in diverse environments.
<b>PEO 6</b>	Students will be able to demonstrate professional competence for higher studies, research, lifelong learning for continuous growth and development as a responsible citizen and leader

### 3. GRADUATE ATTRIBUTES (GA) for PGD:

S No.	Attribute	Description
GA1	<b>Disciplinary Knowledge</b>	Knowledge of supply chain management theories and practices. Acquiring knowledge of different aspects of supply chain, learning various analytical decision-making tools related to logistics and supply chain management
GA2	<b>Understanding different subsets of Supply Chain Management</b>	Understanding the fundamentals and practices of Logistics, operations, performance management, Marketing Management, operation strategies, Sourcing Strategies, and Value Chain Management.
GA3	<b>Measurable Skills and Industry-ready Professionals</b>	Strengthening the abilities of a learner by skills, gaining knowledge of the present scenario in the domain of supply chain and logistics management.
GA4	<b>Effective and Influencing communication</b>	Effective and Influencing communication ability to share thoughts, ideas, and applied skills of communication in its various perspectives like written communication, speech communication, etc.
GA5	<b>Leadership readiness/ Qualities</b>	Train learners fluent in multiple facets of leadership. Creating the ability & enhancing the qualities to be an efficient leader. Cultivating key characteristics in learners, to be visionary leaders who can inspire the team to greatness.
GA6	<b>Critical/ Reflective thinking &amp; language efficiency</b>	Develop the critical/ reflective thinking ability to employ critical and reflective thinking along with the ability to create a sense of awareness of oneself and society.
GA7	<b>Technologically Efficient Professional</b>	Develop the capability to use various communication technologies and the ability to utilize multiple software for content creation, content editing for various forms of publishing platforms.
GA8	<b>Ethical Awareness</b>	As a supply chain and logistics student, one has to understand the importance of ethical values and their application in professional life.
GA9	<b>Lifelong Learning</b>	Every student should progress into a lifelong learner and consistently update himself or herself with current knowledge, skills, and technologies.
GA10	<b>Research-related Skills</b>	A sense of inquiry and investigation for raising relevant and contemporary questions, synthesizing and articulating.
GA11	<b>Cooperation/ Teamwork</b>	Building a team, motivating and inspiring the team members to work up with cooperation to their utmost efficiency.

#### **4. QUALIFICATIONS DESCRIPTORS**

1. Demonstrate a systematic, extensive and coherent knowledge and understanding in the field of supply chain management as a whole and its applications, and links to related disciplinary areas/subjects of study; including a critical understanding of the established theories, principles, and concepts, and many advanced and emerging issues in the field of logistics and supply chain management.
2. Procedural knowledge that creates different types of professionals related to the sectors of operations, logistics, supply chain and marketing including research and development, teaching and government and public service.
3. Professional and communication skills in the domain of operations, logistics, supply chain and marketing including a critical understanding of the latest developments, and an ability to use established techniques in the domain of business and commerce.
4. Demonstrate comprehensive knowledge about materials, including current research, scholarly, and/or professional literature, relating to essential and advanced learning areas on the field of business and commerce with reference to supply chain, and techniques and skills required for identifying problems and issues associated.
5. Demonstrate skills in identifying information needs, collection of relevant quantitative and/or qualitative data on a wide range of sources, for the analysis and interpretation to formulate strategies and take business decisions
6. Methodologies as appropriate to the subject(s) for formulating evidence-based solutions and arguments. Use knowledge, understanding, and skills for a critical assessment of a wide range of ideas and complex problems and issues relating to logistics and supply chain.
7. Address one's own learning needs relating to current and emerging areas of study, making use of research, development, and professional materials as appropriate, including those related to new frontiers of knowledge.
8. Apply one's disciplinary knowledge and transferable skills to new/unfamiliar contexts and to identify and analyse problems and issues and seek solutions to real-life problems.

**PROGRAM OUTCOMES:** After successful completion of Bachelors of Business Administrative course (BBA), Students will be able to:

<b>PO No</b>	<b>Attribute</b>	<b>Competency</b>
<b>PO 1</b>	<b>Domain knowledge</b>	Apply the fundamental knowledge of Logistics and Supply Chain Management.
<b>PO 2</b>	<b>Problem analysis</b>	Identify, formulate, and analyse business problems reaching substantiated conclusions using management principles related to operations, logistics, supply chain and marketing.
<b>PO 3</b>	<b>Design/develop solutions</b>	Design solutions for business problems through appropriate strategies by applying the fundamentals and practices of different functional areas of logistics and supply chain.
<b>PO 4</b>	<b>Conduct investigations of complex problems</b>	Use research techniques and contemporary business management knowledge, analysis, and interpretation of business data, and synthesis of the information to provide valid conclusions.
<b>PO 5</b>	<b>Modern tool usage</b>	Create, select, and apply appropriate analytical techniques, resources, and IT tools for better business decisions.
<b>PO 6</b>	<b>Business and society</b>	Apply reasoning and business domain knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the global supply chain practices.
<b>PO 7</b>	<b>Environment and sustainability</b>	Understand the impact of the business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable supply chain management.
<b>PO 8</b>	<b>Ethics</b>	Apply ethical principles, professional ethics, responsibilities, and norms to the business practice.
<b>PO 9</b>	<b>Individual / Teamwork</b>	Function effectively as an individual, member or leader in diverse teams, and multidisciplinary settings.
<b>PO 10</b>	<b>Communication</b>	Communicate effectively on supply chain activities and solutions with the community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations
<b>PO 11</b>	<b>Project management and finance</b>	Demonstrate knowledge and understanding of supply chain management principles and apply these to evaluate new and existing projects for effective decision making.
<b>PO 12</b>	<b>Life-long learning</b>	Recognize the need for, and ability to engage in independent and life-long learning in the broadest context of Supply chain and logistics areas.

**Course Structure for Post Graduate Diploma In Logistics And Supply Chain**

**Semester: 1**

**Semester: 2**

Subject Code	Subject Title	L	T	P	C	Subject Code	Subject Title	L	T	P	C
PGD5101	Introduction to logistics and Supply Chain management	4	0	0	4		<b>Optional module:</b>				
PGD5102	Operations Strategy	4	0	0	4		<b>Purchasing track</b>				
						PGD5201	Sourcing, Procurement and Purchasing	4	0	0	4
						PGD5202	Law contracts and negotiation	4	0	0	4
						PGD5203	Quality management in supply chain	4	0	0	4
						<b>Or</b>					
PGD5103	Materials and Inventory Management	4	0	0	4		<b>Logistics Track</b>				
						PGD5301	Global Supply Chain & International Trade	4	0	0	4
						PGD5302	Logistics and Distribution Management	4	0	0	4
						PGD5303	LSC Performance Management	4	0	0	4
PGD5104	Cargo/Freight Management	4	0	0	4		<b><u>Any two MOOCs of 2 credits each</u></b>	0	0	0	2
						OEM5001	MOOC 1	0	0	0	2
						OEM5002	MOOC 2	0	0	0	2
						OEM5003	MOOC 3	0	0	0	2
PGD5105	Warehousing, ICD and Packaging	4	0	0	4	PGD5401	Capstone Project	-	-	-	4
	<b>TOTAL</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>20</b>		<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>20</b>