

**MMPL-001**

**Master of Business Administration (Logistics and Supply Chain  
Management) (MBA LS)**

**ASSIGNMENT**

**For**

**July 2025 Sessions and January 2026**

**MMPL-001: Principles of Engineering Management and  
Economics**

**(Last date of submission for July 2025 sessions is 31<sup>st</sup> October, 2025  
and for January 2026 session is 30th April, 2026)**

**School of Engineering & Technology  
INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
MAIDAN GARHI, NEW DELHI – 110 068**



## **ASSIGNMENT**

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<b>Course Code</b>	<b>:</b>	<b>MMPL-001</b>
<b>Course Title</b>	<b>:</b>	<b>Principles of Engineering Management and Economics</b>
<b>Assignment Code</b>	<b>:</b>	<b>MMPL-001/TMA/JUL/2025</b>
<b>Coverage</b>	<b>:</b>	<b>All Blocks</b>

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**Note: Attempt all the questions and submit this assignment to the coordinator of your study centre. Last date of submission for July 2025 session is 31<sup>st</sup> October, 2025 and for January 2026 session is 30th April, 2026.**

1. Discuss the development of management theories including Scientific Management, Human Relations Approach, and Systems Approach. How are these approaches relevant in contemporary organizational settings?
2. Explain the concept of elasticity of demand. Describe the various types of demand elasticity and analyze how they influence business decisions related to pricing and resource allocation.
3. What is the significance of the time value of money in economic decision-making? Illustrate with examples how techniques like Net Present Value (NPV) and Internal Rate of Return (IRR) assist in evaluating investment alternatives.
4. Define project management and outline the key phases in the project lifecycle. Explain the use of PERT and CPM as tools for effective planning, scheduling, and monitoring of projects.
5. Write short notes on any two of the following:
  - a. Theory X and Theory Y and their significance
  - b. Value Analysis and Value Engineering
  - c. Leadership Styles and Their Impact
  - d. Types of Organizational Structures and Their Suitability