

MMPL-001

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

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 31st 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

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

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 31st 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