

Course Title	Course Code	Credit Hours
Operations Management	MGT-425	2-0

Textbook:

- W. J. Stevenson, "Operations Management", McGraw Hill

Reference Book:

- Nigel Slack, Stuart Chambers, and Robert Johnston, "Operations Management", Prentice Hall

Course Objectives:

This course aims to help students:

- Gain an appreciation of the strategic importance of operations and how operations can provide a competitive advantage in the marketplace.
- Understand the relationship between operations and other business functions.

Course Outline:

- Basics of Managing Manufacturing and Service Organizations
- Strategic Decision Making
- Facility Location and Layout
- Job Design and Work Compensation
- Demand Forecasting: Techniques for Predicting Future Demand and Adjusting Operations Accordingly
- Capacity and Material Planning: Ensuring Resource Availability and Optimizing Inventory Levels
- Scheduling in Various Environments: Techniques for Efficient Workflow Management in Different Contexts
- Emerging Trends in Managing Operations: Exploring Innovations and Future Directions in Operations Management
- Selection and Use of Quantitative Management Tools