

# MBA3005 : Operations

The course provides a broad overview of operational issues in science, technology, engineering, and business organizations and presents a variety of quantitative and qualitative techniques for analyzing and optimizing foundational business processes. Topics include time series analysis and forecasting, process analysis, waiting-line models, inventory management, quality management, capacity management, project management, and supply chain management. The course analyzes how operations management decisions impact the value of the firm and are fundamentally interconnected with market strategy and the design of products and services. The course also focuses on the proper management of business operations through continual analysis and evaluation of business processes that are adaptable to rapid changes in the complex global business environment.

**Credits** 3