

INSTITUTE	FACULTY OF MANAGEMENT STUDIES
PROGRAM	BACHELOR OF BUSINESS ADMINISTRATION (HONS.)
SEMESTER	5
COURSE TITLE	INVENTORY MANAGEMENT
COURSE CODE	04BB0518
COURSE CREDITS	4

Course Outcomes: After completion of this course, student will be able to:

- 1 Understand terms that are used in Inventory Management.
- 2 Identify the goals and objectives of Inventory Management.
- 3 Better Maintain Inventory Accuracy
- 4 Apply knowledge of Inventory Management in Industries & Service Improvement.
- 5 Analyze the different cost related to Inventory Management.

Pre-requisite of course:NONE

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
4	0	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Introduction to Inventory Management Its types and functionality Introduction, Definition, Scope of Inventory, Nature of Inventory Management	8
2	Inventory Control Selective Inventory Control, Inventory Costs and Inventory Replenishment, Replenishment Strategy/Reorder Point, EOQ, Safety Stock, KANBAN	10
3	Production, Planning, Control and Forecasting Introduction, Meaning, Factors affecting to PPC & Forecasting, Lead Time, Effect of OS & US on Business, Demand Forecasting (Overview)	10
4	Materials Requirement Planning Introduction, Meaning and Objectives of MRP-I, MRP-II, BOM, Deterministic Demand & Stochastic Demand	10

Contents : Unit	Topics	Contact Hours
5	Stores Management, Accounting for Inventory and JIT Introduction, Objectives, Inventory Cost and Service, Frequent Stock Checking, Security and Preventing Loss, Store Structure, Operations & Challenges	10
Total Hours		48

Textbook :

- 1 Achieving effective inventory management, John Schreibfeder, Effective Inventory Management, 2018

References:

- 1 Inventory Management, Inventory Management, David J Piasecki, OPS Publishing , 2018
- 2 Inventory Management: Principles, Concepts and Techniques., Inventory Management: Principles, Concepts and Techniques., Toomey, J. W, Kluwer Academic Publishers,, 2018

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking
10.00	20.00	25.00	25.00	10.00	10.00

Instructional Method:

- 1 THEORY