

OBJECTIVE

To enable the students to have a basic knowledge about importance of material management and its applications in various sectors.

OUTCOME

On completion of the course the students are expected to

- Have learnt the basic concepts about materials management.
- Have studied about the importance of purchasing.
- Have studied the importance of management in warehouse and stores.
- Have studied the importance of management in inventory.
- Have studied the concepts of different material procurement procedures.

UNIT I INTRODUCTION

Introduction to material management, importance of integrated materials management, need for integrated materials management, concept, definition, scope and advantage- an overview, A-B-C analysis, codification, variety reduction, standardization.

UNIT II PURCHASE MANAGEMENT

Material planning and purchase, purchase system, procedures, price forecasting, purchasing of capital equipment, vendor development, account procedure, purchasing decisions, procurement policies.

UNIT III WARE HOUSING AND STORE MANAGEMENT

Store keeping principles-past and latest techniques, stores-general layout, cost aspect and productivity, problems and development, store system procedures incoming material control, store accounting and stock incoming material control, store accounting and stock verification, value analysis.

UNIT IV INVENTORY MANAGEMENT

Introduction, basic models, definition of commonly used terms, replenishment model, choice of system etc., inventory work in progress, safety stock, computerization in materials management control, information to materials management case study, spare parts .

UNIT V MATERIAL PROCUREMENT PROCEDURES

Arbitration act- octroi, central and local sales tax, excise duties- custom tariff, import, control policies, procurement from government agencies and international market- insurance, DGS and D tariff.

TEXT BOOKS

1. Goplakrishnan P and Sundraesan M, Materials Management, An Integrated Approach, Prentice Hall of India Private Ltd., New Delhi, 1982.
2. Peckam H.H, Effective Materials Management, Prentice Hall of India Private Ltd., 1984.

REFERENCES

1. Datta A.K., Materials Management Procedure, Test and Cases, Prentice Hall of India Private Ltd., New Delhi, 1984.
2. Prichard J.W and Eagle R.H., Modern Inventory Management, NY, Wiley and Breach Science Publishers, 1972.

AMCT-PW**INDUSTRIAL TRAINING (6weeks)**

All the students have to undergo practical industrial training of six week duration in recognized establishments. At the end of which they have to submit a report. The internal assessment will

be based on the report and presentation and the examination marks be based on viva voce examination.