

**SUBJECT CODE : P8MBA4EE4**

**ELECTIVE COURSE – IV : MATERIALS MANAGEMENT**

**Objectives:**

The key objective of this course is to acquaint the students with Decision-making for effective and efficient purchase, storage and flow of materials in manufacturing and service organizations; Cost-reduction techniques in Pre-purchase. Purchase and post-purchase systems; Modern material planning and delivery systems like MRP and JIT and Material handling and logistics systems.

Role of Materials Management in Business  
Consolidation of Activities – Purchasing, Materials Planning Physical Distribution Management, Logistics Management, Synthesis.

**UNIT I Purchasing**

Quality, GA and Reliability, Standardisation, Value Engineering.

Source of Supply, International Buying, Foreign Exchange Management Contracts and Pricing practices. Negotiation, Purchase Timing Make or Buy, Capital, Principles and Practices.

**UNIT II Material Planning**

Planning Process, Budgeting, Strategic Material Planning, Project Planning, Inventory Management, Principles and Practices.

**UNIT III Related Materials Function**

Stores Management, Transportation and Insurance, Receiving and Stores, Surplus Materials and Disposal.

**UNIT IV Management of Materials Activities**

Policies, Procedures, Organisation, Personnel, Controls, Legal Implications, Computerisation.

**UNIT V Government Purchasing**

Procurement Outsourcing Claims and Insurance