

# BHARATHIDASAN INSTITUTE OF MANAGEMENT

TIRUCHIRAPPALLI - 620 014

GP 5E12/

GP 114E7/04

## ADVANCED 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 organisations; 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.

### Course Contents :

#### Role of Materials Management in Business

Consolidation of Activities – Purchasing, Materials Planning physical Distribution Management, Logistics Management, Synthesis.

#### Purchasing

Quality, GA and Reliability, Standardization, Value Engineering.

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

#### Material Planning

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

#### Related Materials Function

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

#### Management of Materials Activities

Policies, Procedures, Organization, Personnel, Controls, Legal Implications, Computerization.

#### Government Purchasing

Procurement Outsourcing Claims & Insurance