

**MATERIALS MANAGEMENT**

Production and Inventory control: Basic types of production and intermittent, batch Continues Routing Scheduling, activating and Monitoring Basic inventory.

Models – Economic ordering quantity – Economic Batch quantity – Reorder point – safety stock – classification and codification of stock – ABC classification – procedure for stock control, materials requirement planning (MRP)

STORE – KEEPING AND WAREHOUSING MANAGEMENT:

Dynamic purchasing – purchase functions – Selection of Supplier and Materials – purchasing organization- value analysis.

Methods analysis and work measurement – methods study procedures – purpose of time study – stopwatch time study-performance rating – allowance factor – standard timework sampling technique.

Quality Control: Purposes of Inspection and quality control – Acceptance sampling by variables and attributes and control charts of variables, fraction defectives and defects.

REFERENCE:

1. materials Management – by Gopala Krishnan.