

# **AMAE-27 MANAGEMENT OF TECHNOLOGY**

## **UNIT-1 INTRODUCTION**

- 1.1 Introduction to Industrial management,
- 1.2 Brief history of industries in India,
- 1.3 Brief definition of management,
- 1.4 Organization and administration.
- 1.5 Characteristics of management, Principle of management,
- 1.6 Function of management like, planning, organization, direction, co-ordination etc.

## **UNIT-2 LEVEL OF MANAGEMENT**

- 2.1 Level of management, skills of management,
- 2.2 Inter relation between skills and levels of management, scientific management,
- 2.3 Introduction to Schools of Management thoughts, introduction to organization,
- 2.4 Study of basic type of organization for ex. Line and staff organization,
- 2.5 Project organization, metrics organization, Informal organization,
- 2.6 Introduction to industrial Psychology, Motivation theory and study of Maxlow,
- 2.7 Need, Hierarchy Theory,
- 2.8 Planned Location, Planned Layout.
- 2.9 Study of different forms of layout like line layout,
- 2.10 Process layout, product layout, combinational layout, sixth position layout etc.

## **UNIT-3 OBJECTIVE OF PLANNED LAYOUT**

- 3.1 Objective of planned layout,
- 3.2 Introduction to material management,
- 3.3 Scope of material management,
- 3.4 Study of inventory control method,
- 3.5 introduction to different types of inventory control techniques,
- 3.6 Introduction to work study, motion study etc, introduction to conflict management.

### **References Books:**

1. Khanna O.P.: Industrial Engineering
2. T.R. Banga: Industrial Engineering and Management
3. Mahajan: Industrial and Process Management