

5th SEMESTER

INDUSTRIAL MANAGEMENT

CO-1 → To impart the knowledge of Management system and Material Management.

LO-1 → To introduce the Management system and Material management.

CONTENT → Definition & function of management system
Management Theories.
Decision Making
Production & Non-production system
Design of system.

Method of Assessment → Internal → Test-1.

LO-2 → To understand the system management & Management of Materials.

CONTENT → ~~To understand the system management~~
- Different types of models under system thinking.
- Definition & function of material management.
- Different of Production & Non-production system.
- Importance of production system.
- Benefits of Management system.

Method of Assessment → External

LO-3 → To study the Material management.

CONTENT → Purchase systems & Stock turn over.
- Order quantity & Inventory
- Need of Inventory control.
- Economic Order Quantity [EOQ]
- Store Management.
- Storing procedure & store record.
- Safety stock.

Method of Assessment → External

CO-2. → To acquire the knowledge of production planning & control & Value analysis.

LO-4 → To understand the basics of Production planning & control.

CONTENT → Definition & function of production planning & control.

- Production planning system.
- Characteristics of Each type.
- Production & Consumption state.
- Function of Production planning & control
- Gantt Chart
- Advantage & operation of Gantt chart
- Critical ratio scheduling.

Method of Assessment → External

LO-5. → To study the basics of Value analysis.

CONTENT → Definition & concept of cost & value

- Types of value.
- Objective & procedure of value analysis.
- Value analysis test.
- DARSIRI method of value analysis.
- Controlling of production.

Method of Assessment → External

CO-3. → To impart the knowledge of Industrial relations & Supervision & Leadership.

LO-6 → To study the Industrial relations & Supervision & Leadership.

CONTENT → Introduction & Functions of Personnel management.

- Need & objective of Personnel management.
- Job analysis & Job description.
- Recruitment Procedure.
- Selection criteria.
- Difference between recruitment & selection.

Method of Assessment → Internal → Test - 2

LO-7 → To understand the industrial selection & supervision & Leadership.

CONTENT → Training & its advantages.

- Communication in industry - its need & importance.
- Techniques & barriers of communication.
- Grievances - Its meaning & factors responsible for grievances.
- Procedure for handling grievances.
- Job satisfaction.
- Factors Influencing job satisfaction.

Method of Assessment → External

LO-8 → To study the industrial relation & Leadership.

CONTENT → Meaning & role of supervisor in an Industry.

- New workers & older workers & their supervision.
- Concept of Leadership.
- Qualities of good leader & leadership style.
- Motivation - Meaning & its benefits.

Motale - Defination & Importance.

Method of Assessment → External

CO-4 → To acquires the knowledge of organisational dynamics and operations research.

LO-9 → To study the organisational dynamics.

CONTENT → Defination & function of organisational dynamics & operation research.

- Need & benefits of organisational dynamics & operations research.
- Characteristics & peinciples of organisation.
- Modern Organisational approach.
- Types of Organisation.
- Significance of various types of organisation.
- Resistance to change.

Method of Assessment → External

LO-10 → To study the Operation research.

CONTENT → Concept of operation research.

- Characteristics of operation research.
- Various methods of operation research.
- Applications of operation research.
- Linear programming.
- Scope of Operation research.

Method of Assessment → External

CO-5 → To impart the knowledge of advance # technology in Management.

LO-11 → To study the advance technology in Management.

CONTENT → Role of computers in Management.

- Introduction to Management Information System [MIS]
- Introduction of Total Quality Management [TQM]
- Product Inspection.

Method of Assessment → External

LO-12 → To understand the advance technology.

CONTENT → Quality Control [Q.C.]

- Quality Assurance [Q.A.]
- Total Quality Control [T.Q.C.]
- Introduction to ISO-9000.
- PDCA cycle [Plan, do, check, act]
- Benefits & Importance of PDCA cycle.

Method of Assessment → External

LO-13 → To study the advance technology in Management.

CONTENT → Kaizen process

- Steps involved in Kaizen.
- Quality circle.
- Just in Time [JiT]
- Standard operating procedure [SOP].

Method of Assessment → Internal → Assignment