

Devi Ahilya University, Indore, India Institute of Engineering & Technology				III Year B.E. (Information Technology (Full Time))			
Subject Code & Name	Instructions Hours per Week			Credits			
5SIRS5 Principles of Management	L	T	P	L	T	P	Total
	2	-	-	2	-	-	2
<b>Duration of Theory Paper:3 Hours</b>							

**Course Objective:**

The course is designed to

1. Understand importance & concept of Management.
2. Develop managerial skills, capabilities, abilities to manage an organizational work place and their application part.
3. Gather the understanding of business environment.
4. Understand Team members in work place from diverse cultural background.

**Course Outcome:**

Students earned credits will develop ability to

CO.No.	CO	PO
CO1	Learn about importance, concepts and functions of Management. Identify the keymanagement principles and the relevance of different terms related to management in business organisations.	PO-6, PO-8, PO-9, PO-10, PO-11
CO2	Types and structure of business organization, Internal- External environment and how to apply the Managerial Skills will be learnt by the the learner.	PO-2, PO-4, PO-6, PO-9, PO-11,
CO3	Learners will understand various dimensions, theories and application of Leading and Motivating in business organisation. To develop the capacity to lead in varied circumstances/envirement.	PO-6, PO-9, PO-10, PO-11
CO4	Learners will practice business ethics and social responsibility as Engineers.	PO-3, PO-8, PO-12
CO5	Modern management concepts are to be learnt with managing behaviour of human at organizations and team building for achieving organisational objectives.	PO-9, PO-10, PO-11

**CO-PO Relationship**

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO1						2		3	3	3	3	
CO2		2		3		2			3		3	
CO3						2			3	3	2	
CO4						3		3				3
CO5									3	3	3	

\* CO (rows) mention nil/very small/insignificant contribution to the PO(column) 1→ relevant and small significance 2→ medium or moderate and 3→strong

## **COURSE CONTENTS**

### **UNIT- I**

**Introduction to Management:** Basic concepts of management: Definition, Essence, Principles, Roles, Level; Functions of management: Planning, Organizing, Staffing, Directing, Coordinating and controlling; Organizational efficiency & effectiveness; Roles of manager, Skills required in a manager.

### **UNIT- II**

**Management and Society:** Organization: Types and Structure; Business environments: Political, Economic, Legal, Social, Technological and International environment; Designing effective organization: Span of management, Delegation, Centralization and Decentralization; Formal and Informal organization

### **UNIT- III**

**Management of Human at Work:** Human Resource Development: Interrelationship of managerial function; significance of staffing, Personnel management: Recruitment, Training, Performance appraisal, Employee retention; Managerial communication; Motivating individuals and work groups, Leadership for managerial effectiveness.

### **UNIT- IV**

**Management Ethics for Engineers:** Business ethics, Social responsibility of Business: Economical, Legal, Ethical and Philanthropic; Ethical responsibilities of Engineers toward society; Business and environment protection; Impact of engineering on society.

### **UNIT -V**

**Modern Management Concepts:** MBO: Principles, steps, advantages and disadvantages; Strategic management-SWOT analysis; Team Building: Definition of Team, Team Formation, Approaches, Goal Setting and Communication among Team Members. Models of relationship between professional and client.

### **Learning Outcomes:**

At the end of the course, students should be able to do the following:

- 1) Identify the key management processes and the relevance of management in organisations.
- 2) Understand the key management skills required in organisations and how these might be applied.
- 3) Evaluate their own managerial skills and the ways in which these might be developed.
- 4) Understand Team members while working with people from different background.

### **Books Recommended:**

- [1].R.D Agrawal, Organization & Management. 1/E PHI 1997.
- [2].Tripathy PC And Reddy PN, Principles of Management, Tata McGraw-Hill, 5th Edition, 2012.
- [3].Dinkar Pagare, Principles of Management, Sultan Chand & Sons, 2000.
- [4].G.K.Vijayaraghavan and M.Sivakumar, Principles of Management, Lakshmi Publications, 5th Edition, 2009.
- [5].Harold Koontz & Heinz Weihrich, Essentials of Management – An International perspective, 8th edition. Tata McGraw-Hill, 2009.
- [6].Charles W.L. Hill and Steven L McShane, Principles of Management, Tata Mc Graw-Hill, 2009.

- [7].Stephen P. Robbins, Timothy A Judge, Sanghi Seema Organizational Behavior, Pearson Education 13th Ed 2009.
- [8].Fleddermann, C.B., "Engineering Ethics," Pearson Prentice Hall, Upper Saddle River, NJ, 2004.