

Devi Ahilya University, Indore, India Institute of Engineering & Technology				I Year ME (Design & Thermal Engg.) Full Time			
Subject Code & Name	Instructions Hours per Week			Credits			
DTRIG3 Management Information System	L	T	P	L	T	P	Total
	3	1	0	3	1	0	4
Duration of Theory Paper: 3 Hours							

Objectives & Pre requisites:

The basic objective of the subject is to deal fundamentals of Management Information System. The subject is useful in understanding the various information sources and database structures.

COURSE OF CONTENTS

Unit-1

Introduction to Management Information Systems

An Overview of Management Information Systems, Structure of a Management information System

Survey of Information Systems Technology

Hardware, Software, and Communication technology for Information Systems, Storage and Retrieval of Data, Transaction Processing, Office Automation and Information processing Control Functions.

Unit-2

Conceptual Foundations

The Decision Making Process, Concepts of Information, Humans as information Processors, System Concepts, Concepts of Planning and Control, Organizational Structures and Management Concepts.

Unit-3

Information Based Support System

Support Systems for Planning, Control and Decision Making, Support Systems for Management of Knowledge Work.

Unit-4

Information System Requirements

Developing a Long Range Information System Plan, Strategies for the Determination of Information Requirements, Database Requirements, User Interface Requirements.

Unit-5

Development, Implementation and Management of Information System Resources

Developing and Implementing Application Systems, Quality Assurance and Evaluation of Information Systems, Organizational and Management of the Information Resources Functions, Future Development and Their Organizational and Social Implications.

Text Books

[1] Gordan B. Davis and Margrethe H. Olson, "Management Information Systems - Conceptual Foundations, Structures and Development, Mcgeaw Hills International Editions.

Reference Books

[1] Laudon, Kenneth C., and Laudon, Jane P., Management Information Systems-Managing Digital Firm, Tenth Edition, Prentice Hall, 2007

[2] Management Information Systems, Loudon and Loudon, 10th edition, Pearsons Educations

[3] Management Information System, Oz Thomson Learning 5th edition

[4] Management Information System, W.S.Jawadekar, 3rd edition, TMH

[5] Management Information System, James O'Brien, 7th edition, TMH