Management Information Systems

Introduction

1. Today's managers need quick access to data and information to make prompt decisions. Brisk pace of business has necessitated employment of newer and more efficient technologies to achieve this. On the other side rapidly changing technologies provide various opportunities and threats, for which managers need a trained and logical perspective.

2. Information Systems (IS) play a vital role in recording, processing and analysis of data. Appropriateness of the IS, as a tool, for achieving organisational objectives, is dependent on their congruence with the organisation's needs.

3. Managers have a critical role in choosing appropriate 9technological solutions for today's organisations, and their subsequent effective utilisation; thus putting them in the guiding position. It is important that they understand and appreciate the significance of their role and the available technologies. This course will introduce you to the key concepts related to IS/ IT, and their application in today's organisations.

4. Course Objectives

a. To understand the basic nature, scope and importance of information systems

b. To understand the application of Management Information Systems in an organization

c. Demonstrate critical understanding of the cutting edge technologies and organisational change.

d. Analyse the role of IS and latest technologies in modern organisations by solving real-business case studies

e. Evaluate the current strategic opportunities and threats for the use of current IS/ IT and organisation's use of internet and other web based applications.

5. Course Learning Outcomes

Upon completion of the course, the students will be able to:

a. Understand the theoretical concepts of Information Systems

b. Be able to identify and use appropriate tools, frameworks, and approaches in a contextualized environment.

c. Develop an understanding of the use and applicability of information systems.

6. Course Contents

a. Introduction to Management Information Systems

b. Modern Business and Information Systems

c. Enterprise Applications: ERP, SCMS, CRMS, KMS d. IT infrastructure & Emerging Technologies

e. Databases & Information Management

f. Building Information Systems

g. Project Management for IS

h. Outsourcing

7. Recommended Books

a. Laudon, K. And Laudon, J. (2012) Management Information Systems: Managing the Digital Firm, 12th Edition, Pearson Education.

b. Applegate, L.M., Austin, R.D., McFarlan, F.W. and Applegate, L.M., 2009. Corporate Information Strategy and Management: Text and Cases. Boston: 8th Edition, McGrawHill