

MCA 103 BUSINESS INFORMATION SYSTEM

This course will give a high level understanding of what information is, what business is and how information is key to successful execution of a business. It will help understanding the evolution of information system from a traditional way of dealing with information to a level how information is a business enabler. It also covers the tools and techniques deployed to expedite the information processing and controlled dissemination of information.

Module 1(10 Hours)

Introduction to Business Information System: What is information and what is Business. Why information System, perspectives of information system, contemporary approaches to information system, Learning to use information system- key management issues.

Module 2 (10 Hours)

Information System in the enterprise: Major types of information system, systems from a functional perspective, integrating functions and business processes, Management opportunities, Challenges and Solutions

Module 3 (10 Hours)

Information systems, organizations, management and strategy: Organizations and information systems, how information system impact organizations and business firms, impact of IT on management decision making, management information system and business strategy, management opportunities challenges and solutions

Module 4(10 Hours)

The digital farm: Electronic Business and electronic commerce and digital farm, e-Commerce, e-Business and digital farm, management opportunities, challenges and solutions, ethical and social issues in digital farm, ethics in an information society, moral dimensions of information system.

IT infrastructure and Platforms: IT infrastructure, infrastructure component, contemporary hardware platform trend, contemporary software platform trends, organizing data in a traditional file environment, database approach to data management, Telecommunications, network and the internet, contemporary networking infrastructure, Internet, social media.

Module 5 (6 Hours) (as per choice of faculty)

Portion covered can be tested through Internal evaluation only not to be included in University examination)

MS Suit of products (Excel, Access, Power-point) covering information extraction using Scenarios, Pivot, Macros. Animated presentations, small scale database design and reporting.

References

1. Management Information Systems by Kenneth C Laudon- Prentice Hall.
2. Business Information Systems by Robert C Nickerson, Prentice Hall