



ANDHRA UNIVERSITY

ఆంధ్ర విశ్వకళా పరిషత్

Accredited by NAAC with 'A' Grade ISO 9001: 2015 Certified

Course: Information Technology for Business

Summary

Course Status:	Upcoming
Course Type:	Elective
Duration:	8 weeks
Last Date for Enrollment:	28th Feb 2023
Start Date:	1 st March 2023
End Date:	30 th May 2023
Exam Date:	15th June 2023
Category:	Management
Credit Points:	2
Level:	Undergraduate/Postgraduate

Course Layout

Week 1: Introduction to MIS and Information Concepts

Introduction –Evolution of MIS –Characteristics of MIS –Subsystems of MIS –Executive Information Systems (EIS) –Information Resource Management (IRM) –Role of Management Information System –Enterprise Information System –Systems –Types of Systems –System concepts applied to MIS –Summary –Self Assessment Questions –Introduction –Business data processing –Features of Information –Types of Information – Data reduction –Quality of Information –Value of Information –Management Information –Summary –Self assessment Questions – –

Week 2: Structure of MIS and Role of Computers in MIS

Introduction –Multiple approaches to structure of MIS –Synthesis of MIS structure –Extent of integration of information system –Information Network –Role of computers in MIS subsystems –Production Information System –Marketing Information System –Finance Information System –Personnel Information System –Summary –Self Assessment Questions

Week 3: Transaction Processing System and Decision Support System

Introduction –Types of DSS –Characteristics of DSS –Components of DSS –DSS tools for different levels of Management –DSS capabilities –Group Decision Support System –Transaction Processing Cycle –Features of TPS –Transaction Documents –Transaction Processing Modes –Functional TPS –Summary –Self Assessment Questions

Week 4: Expert Systems

Introduction –Components and Structure of Expert System –Characteristics and objectives of Expert system –Advantages of Expert System –Disadvantages of Expert System –Applications of Expert System –Summary –Self Assessment Questions

Week 5: Enterprise Resource Planning

Introduction –Evolution of ERP –Activities of MRPII –Popular ERP packages –Functions of SAPR/3 –Baan ERP module –Information integration through ERP –Implementation of ERP – Configuration and customization of ERP –Advantages of ERP –Disadvantages of ERP –Summary –Self Assessment questions – –

Week 6: Customer Relationship Management and Supply Chain Management

Introduction –Role of CRM –Advantages of CRM –CRM Software –CRM Packages –Types of CRM –Supply Chain –Supply Chain Drivers –Supply Chain Processes –Supply Chain Decisions – Supply Chain Management –SCM solutions –Summary –Self Assessment questions

Week 7: Electronic Commerce

Introduction –E-Commerce and E-Business –Electronic Data Interchange (EDI) –Business opportunities opened up by the internet –Threats from Internet-based electronic commerce – E-Commerce Activities –Mobile Commerce –Summary –Self Assessment Questions

Week 8: Social and Legal Aspects of Computerization

Introduction –Moral dimension to use of Information Technology –Social Issues –Cyber Crimes –Impact of computers on individuals, organizations and society –Major Security Threats – Security Measures –Worms and Viruses –Summary –Self Assessment questions

Books and References

- Information Technology and its Applications in Business by Reema Thareja
- An Overview of Information Technology and its Application in Business by Madan Mohan Jana and Nabin Kumar Samanta

Certificate Course

The course is free to enroll and learn from.

Date of Online Exams: **15th June 2023**, Time: 3 pm to 6pm.

More details will be made available when the exam registration form is published. If there are any changes, it will be mentioned then.

CRITERIA TO GET A CERTIFICATE

- Continuous Evaluation - 25% weightage, Students need to complete 2 Assignments per Course through LMS
- Exam Score = 75% Weightage, Students to Attempt the Examinations for 75 Marks through LMS
- Passing Criteria - 40%

Only the e–certificate will be made available. Hard copies will not be dispatched.

Once again, thanks for your interest in our online courses and certification. Happy learning.