

OBE based Teaching Lesson Plan 2019-20

Program: MCOM FA

Course Name: Business Information System

Course Code: P515 AR 201

Semester: II

Lecture hours: 45

Faculty in-charge: Ramesh Babu Grandhi

Course Outcome No.	Course Outcomes	T level Indicator
1	Illustrate the role of Management information system in providing information for Managerial/ Business decision making	T1
2	Develop information system Audit for Business information system of hypothetical organization .	T2
3	Design an Internet Electronic Data Exchange to take an advantage of advancement of Communication Technology	T3
4	Compare and contrast the Transaction Process system of any two E – Commerce and M – Commerce entities of the contemporary world	T2
5	Identify the security issues of Web publishing, learning HTML in the context of existing infrastructure of SOHO, BPO AND KPO.	T3
6	Illustrate the phases of developing Business continuity Planning and Disaster recovery planning	T2

Module No. & Topics Covered	Course Outcome No.	No. of Lecture Hours	Pre-Class Activity	Instructional techniques	Assessment	T level

<p>Management Information System , Importance of a System & IT – Importance, functions, characteristics, evolution of MIS, implementation issues, MIS resistance, System approach. Need for MIS, advantages, disadvantage, Event in MIS, management and Decision-making. Definition of a system-Types , Establishing the type of Information needed by the management, Information System (IS) – Data and information, Knowledge, Intelligence, Classification, Components , Information Support for Functional areas of Management, Impact of business and Information system, Information technology (IT), IT vs. IT. System Development Life Cycle –Basics-Methodology-Water fall Approach, Role of Accountants in SDLC.</p>	<p>1</p>	<p>10</p>		<p>Theoretical, Case study</p>	<p>Research on Information System</p>	<p>T1</p>
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<p>Information System Audit – Objectives of Information System Audit, Maintenance of System effectiveness, Ensuring System Efficiency, Information System Audit Approached, Information System Audit Methodology, Broad Frame Work for Conducting IS Audit- Planning of Information Systems Audit.</p>	2	12	<p>Research on Integrati on techniqu es</p>	<p>Case study and Theory</p>	<p>Research on automation</p>	T2
<p>3. Communication & Electronic Data Interchange – Telecommunication, Computer Networks, Internet, internet architecture, intranet, extranet. What is EDI -Internet EDI, Value added networks, Financial EDI,</p>	3	10	<p>Research on Ecommerce and latest technolo gies</p>	<p>Case studies and practice</p>	<p>Research on EDI</p>	T2
<p>4. E-Commerce and Transaction Processing Systems: Evolution – Role- Elements of e-commerce application, conceptual framework - categories - e-commerce consumer application. E-commerce in</p>	4	15	<p>Research on Transact ion processin g systems</p>	<p>Practical and case studies</p>	<p>Research</p>	T3

internet, e-commerce using e-mail, technology behind the web. E-Commerce framework – E-commerce application framework, Security Techniques for e-com. - Need of security in e-commerce, Cryptography techniques, digital signatures and certificates, virtual private network. Transaction Processing Systems, M Commerce						
Publishing on the Web and Security – Web Publishing, Learning HTML, Multimedia Security – Security Life Cycle, Information Technology and IT enabled services, SOHO infrastructure, the BPO and KPO infrastructure	5	10	Research On Web security	Practical and Case studies	Research	T3
Business Continuity Planning and Disaster Recovery Planning - Meaning-Objectives- Methodology-Eight Phases in Developing BCP-Types of Plans-Threats-Differ ent back up	6	10	Research on BCP and disaster recovery	Practical and Case studies	Research	T3

techniques-Alternate Processing Sites.						
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Books for reference

Agarwal K. N. & Deeksha Agarwala: Business on the Net, Bridge to the online store front, MacMillan, New Delhi.

- *Diwan Parag & Sunil Sharma: Electronic Commerce, A Manager Guide to E-Business, Vanity Books International, Delhi.*
- *Gordan B Davis: Management Information Systems, McGraw Hill International.*
- *Kalakota Ravi & A. B. Whinston: Frontiers of Electronic Commerce, Addison Wesley.*
- *Lauden & Laudan: Management Information Systems, Prentice Hall of India, New Delhi.*
- *Martin J: Management Information Systems, Prentice Hall of India.*
- *Murthy C V S: E-Commerce, Himalaya Publishing House.*
- *Murthy C V S: Management Information System, Himalaya Publications.*
- *'Brien James: A Management Information Systems, Tata McGraw Hill, New Delhi.*
- *Sadagopan S: Management Information Systems, Prentice Hall of India.*
- *Schneider Gary P: Electronic Commerce Course, Technology Delhi.*
- *Watson R T: Electronic Commerce, Strategic Perspective, Dryden Press.*

Continuous Internal Assessment – (Examples)

- Power point presentation in class on the given topic.
- Case study analysis