

Session Plan

Course: Information System for Managers

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Session	Chapter Reference	Particulars
1	1,2	<p>Chapters to be covered :</p> <p>Introduction to Information System Topics to be covered : Meaning of Information, Difference between Data and Information, Concept of System , Definition of an Information System, Evolution , Need, Functions , Framework of an Information System, Business Process Design, Business Process Modelling, Business Process Re-engineering, Self-Assessment Questions</p> <ul style="list-style-type: none"> • Caselet: Implementation of Information Systems at Red Indian Automobiles • Video link: Introducing Amazon Go <p>Components of Information technology Topics to be covered : Hardware , Software concepts , Self-Assessment Questions</p> <ul style="list-style-type: none"> • Video link : Tesco Subway : QR codes • Video link : RFID in the retail industry by RFID network <p>Key Takeaways This session will enable you to understand : <ol style="list-style-type: none"> 1. What an information system is 2. The need and benefits of information systems 3. The components of an information system </p>
2	3, 4,5 (intro only)	<p>Chapters to be covered :</p> <p>Networking Concepts Topics to be covered : Networking : Basic Components of a Network , Need , Types, Advantages and Disadvantages Hardware and Software for Networking, Self-Assessment Questions</p> <ul style="list-style-type: none"> • Video link: Introducing Internet of Things • Video link: Smart cities <p>Database Management Topics to be covered : Meaning of Database, Types of Databases, Database Management, Objectives of Database Management, Functions</p>

		<p>of Database Management, Major Components of Database Management, Database Models, Self-Assessment Questions</p> <ul style="list-style-type: none"> • Introductory Caselet: Implementing Database Management In a General Hospital in Nigeria <p>Types of Information systems Topics to be covered : Different Types of Information Systems , Operations Support Systems , Management Support Systems , Functional Information Systems , Other Types of Information Systems, Self-Assessment Questions</p> <p>Key Takeaways After this session you will know</p> <ol style="list-style-type: none"> 1. What is a database, use of database management systems, role of a Database Administrator
3	5, 6	<p>Topics to be covered :</p> <p>Types of Information systems Topics to be covered : Different Types of Information Systems , Operations Support Systems , Management Support Systems , Functional Information Systems , Other Types of Information Systems, Self-Assessment Questions</p> <ul style="list-style-type: none"> • Video link: IBM Watson <p>Enterprise Resource Planning Topics to be covered : Defining ERP, Evolution of an ERP System, Benefits of an ERP System</p> <ul style="list-style-type: none"> • Caselet: Faasos & Sage ERP • Caslets on failed ERP Implementation : Nike , Hershey , HP <p>Key Takeaways After this session you will :</p> <ol style="list-style-type: none"> 1. Know different ERP vendors, solutions they offer 2. Differentiate between open source and commercial ERP software 3. Be familiar with the various modules comprised in an ERP software
4	6 (contd) , 7	<p>Enterprise Resource Planning</p> <ul style="list-style-type: none"> • Topics to be covered :ERP Implementation, Reasons for the Failure of ERP Implementation • Video Links: Burberry Success Story • Video Link: Microsoft Social Engagement <p>Electronic Data Interchange</p> <ul style="list-style-type: none"> • Topics to be covered :EDI, EDI standards and modes

		<ul style="list-style-type: none"> • Video: What is EDI? <p>Key Takeaways After this session you will :</p> <ol style="list-style-type: none"> 1. Understand EDI and it's the benefits 2. Know the difference between Data Warehousing, Mining and Business Intelligence.
5	8,9	<p>Chapters to be covered :</p> <p>Data Warehousing, Data Mining and Business Intelligence Topics to be covered :</p> <ul style="list-style-type: none"> • Caselet Discussion: Netflix and House of Cards • Video Links: How Levis uses Data Analytics • Video Link: Acquire, Retain & Grow Customers with IBM Customer Analytics <p>Decision Support System Topics to be covered : Introducing Decision Support System, Types of DSS, Tools and Technologies Supporting DSS</p> <ul style="list-style-type: none"> • Caselet Discussion: DSS in the agriculture Industry <p>Key Takeaways After this session you will know :</p> <ol style="list-style-type: none"> 1. Understand how data mining can help make predictions 2. The key features of a decision support system
6	10,11	<p>Chapters to be covered :</p> <p>Customer Relationship Management Topics to be covered : Define CRM, Components of CRM, Three Phases of CRM, Benefits and Challenges of CRM</p> <ul style="list-style-type: none"> • Caselet Discussion: Hilton OnQ CRM systems • Video Link: KLM airlines • Video Link: WestJet Christmas Miracle <p>Supply Chain Management Topics to be covered : What is SCM, Advantages, Logistics vs SCM , Role of IS in SCM</p> <ul style="list-style-type: none"> • Caselet Discussion : Mumbai Dabbawallas • Video link: Story of an Iphone • Video link: Whirlpool Case study + video <p>Key Takeaways After this session you will know :</p> <ol style="list-style-type: none"> 1. Understand the importance of every customer in an organization

		2. How organizations manage their chain of supplies
7	12,13	<p>Chapters to be covered :</p> <p>Building and Deploying an Information system Topics to be covered: SDLC, SDLC models.</p> <p>Managing Information Systems Topics to be covered : BCP, DRP, Virus attacks and prevention</p> <ul style="list-style-type: none"> • News Article to Discuss: Disaster in IT system causes mayhem <p>Key Takeaways After this session you will know:</p> <ol style="list-style-type: none"> 1. The steps taken to build a robust software; some principles of software engineering 2. Management of information systems <p>Reference Books for the course :</p> <ol style="list-style-type: none"> 1. Principles of Information Systems, Ralph Stair, George Reynolds 2. Management Information Systems, Managing the Digital Firm, Kenneth Laudon, Jane P. Laudon 3. Management Information Systems, Effy Oz.
7	Resolving Queries	Resolving Queries

Thank-you