

Effective From: June-2018

Course: ID-03: Business Systems

Course Code	ID-03
Course Title	Business Systems
Credit	2
Teaching per Week	2 Hrs
Minimum weeks per Semester	15 (Including Class work, examination, preparation, holidays etc.)
Last Review / Revision	-
Purpose of Course	This course imparts the knowledge of various business information systems needed to be model, design and program as software engineer.
Course Objective	To provide comprehensive knowledge of concepts related to various business information systems To provide basics for system and data modelling. To provide insight into business operations and their significance in information system
Pre-requisite	Concept of information system
Course Out come	At the end of the course, student will be able to 1. Understand business operations and related information systems. 2. Perform system and data modelling for given business information system
Course Content	Unit 1 Introduction 1.1 Introduction to Business Data Processing 1.2 Overview of Business systems 1.3 Management Functions, Levels of Management 1.4 Sources of Information, Applications like Payroll, Accounting, Inventory, MIS, DSS

	<p>2. Inventory Control System</p> <p>2.1 Objectives of good inventory control system</p> <p>2.2 Transaction for an inventory system (Purchase, Issue, Purchase Return and Issue Return)</p> <p>2.3 Creation of transaction file, Item master file for purchase, issue, purchase return and sales return.</p> <p>2.4 Consumption analysis, A B C analysis, Year-end processing and Periodic housekeeping</p> <p>3. Payroll System</p> <p>3.1 Objectives of payroll systems</p> <p>3.2 Classification of employees based on payment of wages</p> <p> 3.2.1 Monthly dated employees</p> <p> 3.2.2 Daily rated employees (Time rated employees, Piece rate employees)</p> <p>3.3 Leave entitlements, Overtime wages, bonus, provident fund contribution and other deductions</p> <p>3.4 Computerizing a Payroll system: Case Study</p> <p>4. Banking System</p> <p>4.1 Objectives of banking systems</p> <p>4.2 Present level of computerization</p> <p>4.3 IT packages and services in India</p> <p>4.4 Core modules and reports</p> <p>4.5 Internet Banking</p> <p>4.6 e-Banking in India</p> <p>4.7 Business payment solutions</p> <p>5. Services Oriented Business System & ERP</p> <p>5.1 Service Definition, Types of Services</p> <p>5.2 Process of Services, Effects of Services, Software as a Service</p> <p>5.3 Evolution of ERP, Definition of ERP, Various Modules of ERP, Advantage of ERP.</p> <p>5.4 Case study based on ERP.</p>
<p>Reference Books:</p>	<ol style="list-style-type: none"> 1. Business applications using computers Ramachandran Nambissan T.M BPB publications 2. Enterprise resource planning Alexis Leon Tata McGrawhill 3. Services Marketing People, Technology, Strategy: Chrestopper Lovelock and Jochen Wirtz - Pearson Education. 4. Production And Operations Management: K. Aswathappa And

	<p>Shrddhara Bhat, Himalaya Publishing House.</p> <p>5. Retailing Management: Levy writz - TMH.</p> <p>6. Logistics And Distributed Management: Alan Rushton, John Oxley Phil Croucher -Kogan Page.</p>
Teaching Methodology	Discussion, Independent study, Seminars and Assignment
Evaluation Method	30% Internal assessment is based on class attendance, participation, class test, quiz, assignment, seminar, internal examination etc. 70% assessment is based on end semester written examination