

Course Code	Course Title	C	H	I	E	T
17U2KLA2	Technology for Business Applications	3	60	25	75	100
Learning Objectives						
<ul style="list-style-type: none"> • To know basic concept of computer and anatomy of a digital computer • To gain knowledge on Date base management systems • To have working knowledge on MS Office and MS access 						
Learning Outcomes: Basic understanding of concept of computer and its anatomy. Awareness about DBMS and complete hand on training on MS office						

Unit I: Introduction to Computer

Introduction - Types of Computers - Characteristics of Computers – Classification of Digital Computers Systems – Micro Computers, Mini Computers, Main Frame Computers, Super Computers, Net work Computers – Uses of Computers.

Unit II: Anatomy of a Digital Computer

Digital Computers - Functions and Components of a Computer – CPU – ALU – Memory – Registers – Address – Computer Architecture – Memory Units – RAM, ROM, FROM, EPROM, EEPROM, FLASH MEMORY – Auxiliary Storage Devices. Machine Language – Assemble language – High level language – Compilers and Interpreters.

Unit III: Data Base Management Systems

Introduction – Meaning - History of Information - Quality of Information - Information Processing - Characteristics of Data in Data Base - Types of Data Base Management Systems.

Unit IV: MS Word

Introduction – Creating word document - Editing text - Creating a Resume Wizard – Adding and Formatting Numbers and Symbols - Print. MS Excel - Creating Tables, Graphs and Charts – Finance, Mathematical and Statistical Functions. Power Point - Presentation through Templates.

Unit V: MS Access

Introduction – Creation of Table – Preparation of Pay Roll - Report for Product Data Base - Big Data - Data Mining - Data Warehousing – Cloud Computing - Knowledge Management System - An overview of Statistical Package for Social Science (SPSS).

Text Book

1. Alexis Leon & Mathews Leon, *“Fundamentals of Information Technology”*, 2013, Vijay Nicole Imprints Pvt., Ltd., Chennai.

Reference Books

1. Manas Parhi & Jagjit Singh, *“Information Technology for Business”*, 2003, Unistar Books Pvt., Ltd.
2. Dennis P. Curtin, Kim Foley, Kunal Sen, & Cathleen Morin, *“Information Technology”*, 2013, McGraw Hill Education (India) Pvt., Ltd.
3. Chetan Srivastava, *“Principles of Information Technology”*, 2004, Kalyani Publishers, New Delhi.
4. Brain K. Williams & Stacey. C. Sawyer, *“Using Information Technology”*, Third Edition, 2003, Tata McGraw-Hill Publishing Company Ltd., New Delhi.
5. www.investopedia.com, www.businessdictionary.com, www.techforbusiness.com