



Vision College of Management

Lecture Plan

Course : Fundamentals of Computers

Course Code : N506

Syllabus :

- Unit I** History of computing, Characteristics of computers, Limitations of computers, Basic computer organization, Generations of computers.
- Unit II** **Input-Output Devices** : Keyboard, Mouse, Light pen, touch screens, VDU, Scanners, MICR, OCR, OMR, Printers and its type, Plotters, Microfilm, Microfiche, Voice Recognition and Response Devices.
- Unit III** **Storage Devices** : Primary and Secondary Storage devices- RAM, ROM, Cached Memory, Registers, Storage Concept, Hard disk, Floppy disk, CD-ROM, Magnetic tapes and cartridges, comparison of sequential and direct-Access devices.
- Unit IV** **Computer Software** : Relationship between hardware and software, Computer languages-Machine language Assembly language, High-level languages, Compilers & interpreters, Characteristics of good language.
- Unit V** **Operating System & Internet** : Definition and functions of O.S. Batch Processing, Multiprocessing, Multi programming, time sharing, On-line process, Real time process. Introduction to window-98, Internet & its uses, terminology of internet, Browser, Search engines, E-Mail, Video conferencing.

Name of Faculty: Siddhartha Maurya
 Course: BBA 3rd Year 1 Sem
 Subject: Fundamentals of Computers

Lecture No.	Unit No.	Topics	Date	Remark	Sign
1	UNIT- I	History of computing.			
2		Characteristics of computers.			
3		Limitations of computers, with generation.			
4		Basic computer organization			
5		Generations of Computers.			
6		Emerging Trends in Computing.			

Lecture No.	Unit No.	Topics	Date	Remark	Sign
7	UNIT- II	Input-Output Devices..			
8		Keyboard, Mouse, Light pen, touch screens, VDU, Scanners.			
9		MICR, OCR, OMR History and use.			
10		Printers and its type, Plotters with examples.			
11		Latest Technology in I/O.			
12		Microfilm, Microfiche, Voice Recognition and Response Devices.			
13		Questions and Exercises in the Chapter.			
14		Revision and Assignment.			

Lecture No.	Unit No.	Topics	Date	Remark	Sign
15	UNIT- III	Storage Devices			
16		Primary and Secondary Storage devices.			
17		RAM, ROM,Cached Memory			
18		Registers, Storage Concept, Hard disk			
19		Concept of Hard Disk Memory Management.			
20		Examples of Memory Devices			
21		Memory Management			
22		Floppy disk, CD-ROM, Magnetic tapes and cartridges,			
23		comparison of sequential and direct-Access devices.			
24		Latest Technology in Device Management and Memory Management.			

Lecture No.	Unit No.	Topics	Date	Remark	Sign
25	UNIT- IV	Computer Software.			
26		Computer Hardware.			
27		Relational Data Model Constraints.			
28		Relational Algebra in Relational Data Model.			
29		Computer languages.			
30		Machine language			
31		Assembly language.			
32		High-level languages.			
33		High-level languages.			
34		Compilers & interpreters.			
35		Characteristics of good language.			

Lecture No.	Unit No.	Topics	Date	Remark	Sign
36	UNIT- V	Definition and functions of O.S. Introduction to window-98.			
37		time sharing, On-lineprocess.			
38		BatchProcessing, Multiprocessing, Multi programming.			
39		BatchProcessing, Multiprocessing, Multi programming.			
40		Real time process.			
41		Internet & its uses.			
42		Terminology of internet, Browser.			
43		Search engines.			
44		E-Mail, Video conferencing.			
45		Latest Technology in Software.			
46		Revision and Assignment			