

Programme/Classes -	Computer Application		1-1
Subject -			
Course Code -		Course Title -	Basics of Computer & Information Technology
Credits -	1	Core -	Core
Max. Marks -	75+25	Min. Passing Marks	50%

Unit	Topics	Total NO of Lectures - 15
1	Fundamentals of Computer - Historical evolution of computers Generation of computers Classification of computers based on size, processor, usefulness of computer Applications of computers Block diagram along its components & characteristics Types of memory Input/Output devices	3
2	Data Representation - Definition of information Difference between data and information Importance of binary number system, various no. systems Conversion (As decimal to binary) ASCII coding	2
3	DOS & Windows Operating Systems - Hardware & software, types of software Introduction and need of operating system, types of OS DOS operating system, type of DOS commands System utilities- editor, loader, writer, file manager Features of window desktop Uses of file and folder Installation and unistallation of the application software	4
4	Linux Operating System - Structure, Kernal and Shell Basic comand	3

Fundamentals of Internet -

Concept of computer N/W, client server and pea to pea modal
Networking devices- switch router, hub, bridge, gateway, LAN, MAN,
WAN, Topology

5 Role of modern in a acceseing the internet

Prepare of web browser software

URL, URI, URN, WWW, FTP, HTTP, RDC, Telnet, E-mail

Sending and receiving E-mail

Searchc engines, social N/W, sites - internet security

3

Suggested - Continuous Evaluation Methods

Total marks - 25

House Examination/ Test

10 marks

Written Assignment/ Presentation/ Project/ Seminar

10 marks

Class Performance/ Participation

5 marks

Programme/Classes	B.Sc.	First	Sem
Subject -	Computer Application		
Course Code -		Course Title -	Basics of Computer Information Technology
Credits -	2	Core -	Compulsory
Max. Marks -	75+25	Min. Passing	30+10

List of Practicals		T
1	Familiarization of computer system and its peripheral devices	
2	Familiarization with operating system	
3	Working practice on windows operating system creating file, folder, copying moving, deleting file folder	
4	Installing and uninstalling of new software	
5	Installation of operating systems	
6	Changing system date & time	
7	User account creation and its feature on windows operating system	
8	Email account creation, reading, writing and sending e-mails with attachment	
9	Internal browsing using browsers	
10	Using of search engine to get information form internet	

Suggested - Continuous Evaluation Methods

Total marks - 25

House Examination/ Test	10 r
Written Assignment/ Presentation/ Project/ Seminar	10 r
Class Performance/ Participation	5 n

Reference books -

- 1- Fundamentals of computers by E Balagenc sany, TataMc craw, Hill education P Ltd. New Delhi
- 2- Fundamentals of computers by Rajaraman prentice Hall of India Pvt Ltd. New I
- 3- Computers today by SK Barandara Galgotia, Publication Pvt. Ltd, New Delhi
- 4- Computer Fundamentals and Programming in C by Reena Thaneja, Oxford Uni

Press, New Delhi
 e- book/Relevant software to be used as recommended by AICTE/UPBTE/NIT

Websites for reference:-

<http://swayam.gov.in>

<http://spokentutorial.org>