



C.U.SHAH UNIVERSITY – WADHWANCITY

FACULTY OF: - Arts & Humanities

DEPARTMENT OF: - English

SEMESTER: - I (B. A. L. L. B.)

CODE:- 4AH01CTS1

NAME: – Computer Technology Skills

Teaching & Evaluation Scheme:-

Subject Code	Subject Name	Teaching Schemes (Hours)				Credits	Evaluation Schemes							
		Th	Tu	Pr	To		Theory				Practical (Marks)			Total
							Sessional Exam		University Exam		Pr	TW	Pr	
							Marks	Hours	Marks	Hours				
4AH01CTS1	Computer Technology Skills	2	0	2	4	3	30	1.5	70	3	30	20	-	150

Objectives: -

- Basic computing Knowledge is very important in today's world.
- Computers are a part of our day to day life. Engineering students learn soft skills for overall development to solve their problems.
- Basic computing Knowledge is a necessity that aids the students to perform day to day operations.
- This course introduces the Students with basic Knowledge as a building block of their higher level computing skills.

Prerequisites:-

- Basic computer skills.
- Basic idea about new generation computer.

Course outline:-

Sr. No.	Course Contents	Number of Hours
1	Introduction to Computer Definition, History of Computer, Characteristic and Advantage of Computer, Computer Generation, First, Second, Third, Fourth, and Fifth Generation, Hardware, Software.	06
2	Basic Computer Organization Introduction, Block Diagram of Computer, Storage Device, ALU, Control Unit, CPU, RAM, ROM, HARD DISK, CD-ROM, SMPS.	05



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3	Input and Output Device Introduction, Input Device, Keyboard, Mouse, Scanner, Joy Sticks Light Pen, Digital Camera, Output Device, Monitor (CRT, LCD), Printer, Types Of Printer.	08
4	Internet Introduction, History of Internet, How Internet Works? Advantage of Internet, WWW,E-mail, How E-mail Work?, Component of E-mail, Advantage and Limitation of E-mail, Abbreviations, Study of different educational Web Sites.	04
5	Virus Detection and Elimination Introduction, History of Virus, Working, How Does A Virus infects a Computer? Detection and Prevention of Virus.	03
6	Problem Solving Techniques and Programming Language Introduction, Problem Solving Techniques, Flowchart, Advantage and Limitation of Flowchart, Algorithm, Sample Algorithm, Representation of Algorithm, Classification of Programming Language.	04

Learning Outcomes: -

The course content should be taught and implemented with the aim to develop different types of skills leading to the achievement of the following competencies

- Basic computer skills.
- Hardware and software knowledge.
- Knowledge of Internet and virus.

Books Recommended:-

1. Computer Fundamentals By Pradeep K Sinha, Priti Sinha (BPB Publication)
2. Learning Computer By Ramesh Bangia (Khanna Publication).

E-Resources:-

1. www.historyofcomputer.org.
2. www.computerhope.com.
3. <http://www.fayette.k12.il.us/99/Intro2Comp/>.
4. <http://www.functionx.com>.