



C. U. SHAH UNIVERSITY

FACULTY OF: Computer Science
DEPARTMENT OF: M.Sc(CA & IT)
SEMESTER : I
CODE: 4CS01ICT1
NAME: Introduction to Computer

Sr. No	Subject Code	Subject Name	Teaching Hours/Week				Credits	Evaluation Scheme/Semester						Total Marks
			TH	TU	PR	TOTAL		Theory		Practical				
				Sessional Exam		University Exam		Sessional Exam		University Exam				
				Marks	Hrs	Marks	Marks	Hrs	Total Marks					
1	4CS01ICT1	Introduction to Computer	4	0	0	4	4	30	1.5	70	30	20	50	150

Prerequisites:

Primary Knowledge of Computer

Sr. no.	Course Content	Hours
1	Introduction to Computer Introduction, History of Computer, Characteristics of Computer, Advantages and disadvantages of Computer, Generations of Computer, Hardware, Software, Comparison of Hardware and Software	3
2	Basic Computer Organization Block Diagram of Digital Computer, Input/ Output unit, Storage Devices, ALU, Control Unit, CPU, Random Access Memory(RAM),Read Only Memory(ROM),Hard Disk, CD-ROM,SMPS	8
3	Input and Output Devices Introduction, Input Devices, Output Devices	8
4	Internet Technology Introduction, History of Internet, Advantages of Internet, WWW(World Wide Web), E-Mail, Search Engines.	8
5	Introduction to virus Introduction, History of Virus, Detection of Virus, Types of Virus, Future of Virus.	10

Learning Outcomes:-

- Awareness About Basics of Computer Hardware.
- Basic Idea About Internal Structure of each units in computer.
- Basic Idea About Internet Technology
- Various Types of Input/ Output Devices
- Introduction to Virus.

Books Recommended:-

- *Fundamentals of Computer* By, **P. K.Sinha**, Delhi
- *Computer Organization and Architecture* By **Moris Mano**