

<b>Paper Code</b>		<b>UCSIT-101</b>			
<b>Paper Name (Open Elective I)</b>		<b>Computer Fundamentals</b>			
		<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
		3	1	0	4
<b>Unit - I</b>	Definition, Block diagram along with computer components, Characteristics & classification of computers, Hardware & software, Types of software, Operating System, Types of operating system, Functions of operating system, Examples of operating system,				
<b>Unit - II</b>	Input and Output devices, Memory, Primary and secondary memory, Types of primary memory, Storage devices.				
<b>Unit -III</b>	Processor, CPU, Fundamentals of Computer Networks.				
<b>Unit -IV</b>	Concept of Algorithm, Techniques for designing algorithms, Flowchart, Pseudo-code.				
<b>Unit - V</b>	Programming Languages, Assembler, Compiler, Interpreter, Program Writing and execution.				
<b>Text Books:</b>					
<ol style="list-style-type: none"> <li>1. R.K. Taxali : Introduction to Software Packages, Galgotia Publications.</li> <li>2. MS-Office 2003, Compiled by SYBIX.</li> <li>3. MS-Office 2003, BPB Publications.</li> <li>4. Introduction to Computer, P.K. Sinha.</li> <li>5. Balagurusamy, Fundamental of Computer, TMH</li> </ol>					

  
