**Name of the Teacher:** Mandeep Kaur **Class:** B.Sc (Hons)-IT-I-SEM-I

**Subject:** Computer Fundamentals  **Paper:** BSIT-106

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | What is a Computer (an introduction), Evaluation & Generation of computers, Applications and characteristics of computers, elements of Computer (Hardware, Software), common input & output devices (Basic idea). | Group Discussion, Power Point Presentation, Multiple Choice Question Test |
|  | **01-31 Aug 2017** | Types of Computers: Micro, Mini, Main frame, super computers, Block diagram of PC architecture, concept of files and directories.  Secondary storage Devices, sequential and direct access devices, Magnetic disk, Floppy Disk, Winchester Disk, Mass Storage | Power Point Presentation, Short Answers Question Test and Quiz |
|  | **01-30 Sept 2017** | Optical Disk, Magnetic Bubble Memory, Charged Coupled Device, Cache Memory, and Storage Hierarchy.  Windows: Windows as an interface, Introduction to desktop, accessories.  Word: Introduction of Word, creating, editing a document, modifying and formatting a document. | Group Discussion, Practical implementation by students in labs |
|  | **01-31 Oct 2017** | What is Software, Relationship between Software and Hardware, Types of software’s: System Software (Meaning and its type), Application Software, Acquiring Software, Software Development Steps, Firmware, and Middleware. | Video Presentations & Multiple Choice Question Test |
|  | **01-13 Nov 2017** | Using the speller in word, creating and using macros Internet: definition, basic services and uses, multimedia: meaning, multimedia components, applications | Group Discussion & Practical implementation by students in labs |

**Topics of Assignments/ Class Tests to be given to the Students:**

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| **Assignment 1** | Block Diagram of Computer |
| **Assignment 2** | Memory Hierarchy |
| **Class Test** | What is a Computer (an introduction), Evaluation & Generation of computers, Applications and characteristics of computers, elements of Computer (Hardware, Software), common input & output devices (Basic idea). Types of Computers: Micro, Mini, Main frame, super computers, Block diagram of PC architecture, concept of files and directories. |