**Name of the Teacher**: Kamna Billus **Class:** BCom (CAV) –IIIrd SEM **Subject:** Fundamentals of Database System-I

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | Overview of Data Management System: Element of data-base system | General Computer quiz |
|  | **01-31 Aug 2017** | DBMS and its architecture, Advantages of DBMS, Types of database users, Role of Database administrator | On board Test |
|  | **01-30 Sept 2017** | Brief overview of Hierarchical and Network Model | Class level Technical quiz |
|  | **01-31 Oct 2017** | study of Relational Model (Relations, properties of relational model, keys and integrity rules), E-R diagrams | Oral test |
|  | **01-13 Nov 2017** | Normalization: Concepts and update anomalies, Functional and Transitive dependencies Normal forms: (1NF, 2NF, 3NF & BCNF) | Classroom discussion |

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

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| **Assignment 1** | Data base Languages and physical Structure of Database |
| **Assignment 2** | What is E-R Model? Explain with Diagram |
| **Class Test** | DBMS and its architecture, DBMS Models |