Name of the Teacher:Ms. Aarti Sharma

Class:B.C.A.-Ist Year(Ist Semester)

Elements of Mathematical Foundations-I (BCA- 113)

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Ch.-1(Sets)**  **Ch.-4(Limits ,Continuity and Derivability)** | **Oral Presentation** |
|  | **01-31 Aug 2017** | **Ch.-5. (Differentiation)** | **Group Discussion** |
|  | **01-30 Sept 2017** | **Ch.-6(Differential Equations and Their Formation)**  **Ch-7 (Differential Equations of First Order and First Degree)** | **Group Discussion** |
|  | **01-31 Oct 2017** | **Ch-8(Exact Differential Equations)**  **Ch-9 (Linear Differential Equations with Constant Coefficients)**  **Ch10.-(Homogeneous Linear Equations)** | **Questionaire** |
|  | **01-13 Nov 2017** | **Ch-2 (Partially ordered Sets,Lattice and Boolean Algebra)**  **Ch-3 ( Permutations and Combinations)** | **Seminar** |

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

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| **Assignment 1** | **Solve the Unit 1 & Unit 2 of the question paper K.U. December 2016** |
| **Assignment 2** | **Solve the Unit 3 & Unit 4 of the question paper K.U. December 2016** |
| **Class Test** | **Unit 1 & Unit 2** |