Name of the Teacher:Sushma Gupta

Class:- B.Sc. - III (Semester-V)

Paper:- Real Analysis

**Lesson Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Ch - 2 (Improper Integrals)** | **Group Discussion** |
|  | **01-31 Aug 2017** | **Ch - 2 (Improper Integrals)****Ch - 1 ( Riemann Integrals)** | **Questionnaire** |
|  | **01-30 Sept 2017** | **Ch - 1 ( Riemann Integrals)****Ch - 4 ( Metric Space)****Ch - 5 (Open and Closed Sets)** | **Oral Presentation** |
|  | **01-31 Oct 2017** | **Ch - 6 ( Complete space)****Ch - 7 ( Continuity and uniform Continuity)****Ch - 8 ( Compactness )** | **Group discussion** |
|  | **01-13 Nov 2017** | **Ch - 9 ( Connectedness)****Ch - 3 ( Integrals as a function of parameters )** | **Test** |

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

|  |  |
| --- | --- |
| **Assignment 1** | **Properties of Riemann Integrals** |
| **Assignment 2** | **Integrabilty of Continues functions** |
| **Class Test** | **Unit - 1 ( Riemann Integrals )** |