Name of the Teacher: Sushma Gupta

Class:B.Sc.- 2nd Year(3rd Semester)

Partial Differential Equations(BM-232)

**Lesson Plan**

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| **S. No.** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Ch.-1(Formation Of Partial Differential Equations)** | **Oral Presentation** |
|  | **01-31 Aug 2017** | **Ch.-2(First Order Linear Partial Differential Equations)**  **Ch.-3(First Order Non Linear Partial Differential Equations)** | **Group Discussion** |
|  | **01-30 Sept 2017** | **Ch.-4(Linear Partial Differential Equations Of Second and Higher Orders)**  **Ch.-5(Partial Differential Equations With Variable Coefficients Reducible To Equations With Constant Coefficients)** | **Group Discussion** |
|  | **01-31 Oct 2017** | **Ch.-6(Classification and Canonical Forms Of Second Order Linear Partial Differential Equations)**  **Ch.-7(Monge’s Method For Partial Differential Equations Of Second Order)**  **Ch.-8(Characteristics Of Second Order Partial Differential Equations and Cauchy’s Problem)** | **Questionnaire** |
|  | **01-13 Nov 2017** | **Ch.-9(Method Of Separation Of Variables:Wave,Heat and Laplace Equations)** | **Seminar** |

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

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| **Assignment 1** | **Solve the unsolved sums of Chapter 4** |
| **Assignment 2** | **Solve the unsolved sums of Chapter 5** |
| **Class Test** | **Unit 2** |