Name of the Teacher: Ms Shivani

Class:M.Sc. Final Year (3rd Semester) Elasticity MM-503 (opt.i)

**Lesson Plan**

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| --- | --- | --- | --- |
| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Unit 1(Tensor Algebra)** | **Group Discussion** |
|  | **01-31 Aug 2017** |  **Unit 1(Tensor Analysis)** **Unit 2(Analysis Of Strain)** | **Group Discussion** |
|  | **01-30 Sept 2017** |  **Unit 2(Analysis Of Stress)****Unit 3(Stress Quadric Of Cauchy to Mohr’s Circles)** | **Questionnaire** |
|  | **01-31 Oct 2017** | **Unit 3( Equations Of Elasticity)****Unit 4(Elasticity Moduli For Isotropic Media to Hookes’s Law)**  | **Seminar** |
|  | **01-13 Nov 2017** | **Unit 4(Uniqueness Of Solution to Saint-Venant’s Principle)** | **Seminar** |

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

|  |  |
| --- | --- |
| **Assignment 1** | **Solve the questions of Unit 1 & Unit 2 of the Question Paper K.U. December 2016**  |
| **Assignment 2** | **Solve the questions of Unit 3 & Unit 4 of the Question Paper K.U. December 2016** |
| **Class Test** | **Unit 1 & Unit 3** |