Name of the Teacher: Vandana Batra Class: M.Sc. (p) Applied Physics (Applied Spectroscopy)

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** |  **Introduction to Spectroscopy** |  |
|  | **01-31 Aug 2017** | **Unit-1** |  |
|  | **01-30 Sept 2017** | **Unit-2** | **Power Point Presentation on** **ESR** |
|  | **01-31 Oct 2017** | **Unit-3** |  |
|  | **01-13 Nov 2017** | **Unit-4** |  |

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

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| **Assignment 1** | **Anharmonic oscillator , Classical theory of Raman effect** |
| **Assignment 2** | **Born oppenheimer approximation , overtone and combination** |
| **Class Test** | **Unit – 1 & 2** |