**Summary of lesson plan**

**Name of the college : IGN college ,Ladwa**

**Academic Session 2018-2019**

**Semseter :even**

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| **January 2019** | | | | | |
| **Sr. No** | **Name of Asst Prof.** | **Subject** | **Class** | **Topic/Chapter to be covered** | **Assignment/test** |
| 1. | Dr. Neetu | Physics | B.Sc II | Classical Statistics (Unit-1st), postulates of statistical physics, phase space, division of phase space into cell three kind of statistics, basic approach in three statistics(Unit-II) | Unit-1st assisnment |
|  |  |  | B.sc III | Historical Background of Atomic Spectroscopy(Unit-Ist),Orbital magnetic dipole moment(Bohr Magneton) behaviour of magnetic dipole in external magnetic field;Larmor’s Precession and theorm(Unit-II) | Unit-1st assisnment |
|  |  |  | B.sc II | Polarization(Unit-1st),Fourier theorem and fourier series, evalution of fourier coefficients (Unit-II) | Unit-1st assisnment |
| **Febuary 2019** | | | | | |
| **Sr. No** | **Name of Asst Prof.** | **Subject** | **Class** | **Topic/Chapter to be covered** | **Assignment/test** |
| 1. | Dr. Neetu | Physics | B.Sc II | Rest Of Statistical Physics-II (Unit-II),Need of Quantum Statistics :Bose Einstein energy distribution Law(Unit-III) | Unit-IInd  Test |
|  |  |  | B.sc III | Rest of Vector Atom Model (Unit-II), Essential features of alkaline earth elements, vector model for two valence electron :application of spectra(Unit-III) | Unit-IInd  Test |
|  |  |  | B.sc II | Rest of Fourier Analysis(Unit-II), Fourier transforms and its property (Unit-III) | Unit-IInd  Test |
| **March 2019** | | | | | |
| **Sr. No** | **Name of Asst Prof.** | **Subject** | **Class** | **Topic/Chapter to be covered** | **Assignment/test** |
| 1. | Dr. Neetu | Physics | B.Sc II | Quantum Statistics(UNIT-III),Dulong And Petit Law, Derivation of Dulong and Petit law from classical physics, Specfic heat of low temperature(Unit-IV) | Unit-IIIrd assisnment |
|  |  |  | B.sc III | Vector Atom Model (Unit-III), Atom in external FIELD (ONE PART OF Unit-IV) | Unit-IIIrd assisnment |
|  |  |  | B.sc II | Fourier Transforms (Unit III), Geometrical OpticsI(Unit-III),  Geometrical OpticsII(Unit-IV), | Unit-IIIrd assisnment |
| **April 2019** | | | | | |
| **Sr. No** | **Name of Asst Prof.** | **Subject** | **Class** | **Topic/Chapter to be covered** | **Assignment/test** |
| 1. | Dr. Neetu | Physics | B.Sc II | Einstein theory of specific heat, Criticism of Einstein theory, Debye theory, outcomes of debye theory, comparison between two theory(Unit IV), Revision of Unit-IV |  |
|  |  |  | B.sc III | Molecular Physics (part 2 of Unit IV) Revision of Unit-IV |  |
|  |  |  | B.sc II | Fibre Optics (Unit IV), Revision of Unit-IV |  |