**Summary of lesson plan**

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

**Academic Session 2019-2020**

**Semester: even**

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| **January 2020** |
| **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 I | Semiconductors(Unit-1st) | Unit-1st assisnment |
| **Febuary 2020** |
| **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 I | Transistors(Unit-II) | Unit-IInd Test |
| **March 2020** |
| **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 I | Transistor Amplifiers(Unit III) | Unit-IIIrd assisnment |
| **April 2020** |
| **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 I | Oscillators(Unit IV), Revision of Unit-IV |  |