**Lesson Plan**

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

**Academic Session: 2019-20**

**Semester : Even**

**Dr. Arvind Garg**

**Associate Professor**

**HOD, Physics Department**

**Physics**

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| **Month** | **Class** | **Topic/Chapter to be covered** |  |
| January | B.Sc IV Sem | Polarization(Unit-1st),Fourier theorem and Fourier series, evolution of Fourier coefficients (Unit-II) |  |
| February | B.Sc IV Sem | Rest of Fourier Analysis(Unit-II), Fourier transforms and its property (Unit-III) | 1st Assignment |
| March | B.Sc IV Sem | Fourier Transforms (Unit III), Geometrical Optics I(Unit-III),  Geometrical Optics II(Unit-IV), | Test |
| April | B.Sc IV Sem | Fiber Optics (Unit IV), Revision of Unit-IV | 2nd Assignment |

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| **Month** | **Class** | **Topic/Chapter to be covered** |  |
| January | B.Sc VI Sem | Crystal Structure –I |  |
| February | B.Sc VI Sem | Crystal Structre - II | 1st Assignment |
| March | B.Sc VI Sem | Super Conductivity | Test |
| April | B.Sc VI Sem | Introduction to Nano Physics | 2nd Assignment |

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| **Month** | **Class** | **Topic/Chapter to be covered** |  |
| January | B.Sc. I Sem | Moment of Inertia |  |
| February | B.Sc. I Sem | Elasticity | 1st Assignment |
| March | B.Sc. I Sem | Kinetic Theory of Gases-I | Test |
| April | B.Sc. I Sem | Kinetic Theory of Gases-II | 2nd Assignment |