**Lesson plan**

**Name of then college: IGN COLLEGE , LADWA**

**Academic session : 2020-2021**

**Semester : odd**

**Dr. Arvind Garg**

**Associcate Proffessor**

**Physics Depertement**

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| **Month** | **Class** | **Topic/Chapter to be covered** |  |
| Paper PH:502, Nuclear physics | | | |
| November | B.Sc.VI Sem | Nuclear Structure and Properties of Nucleir(unit - I) |  |
| December | B.Sc. VI Sem | Nuclear Radiation Decay process & Radiation interaction (unit - II) | 1st Assignment |
| January | B.Sc. VI Sem | Nuclear accelerators and nuclear radiation detectors (unit - III) | Test |
| February | B.Sc. VI Sem | Nuclear reactions and nuclear reactors(unit-IV) | 2nd Assignment |
| Paper PH:302, Wave and optics - I | | | |
| November | B.Sc. IV Sem | Interference –I (unit - I)Interference by wavefront |  |
| December | B.Sc. IV Sem | Interference –II(unit - II)Interference by amplitude | 1st Assignment |
| January | B.Sc. IV Sem | Diffraction – I (unit - III)Fresnel diffraction | Test |
| February | B.Sc. IV Sem | Diffraction – II (unit - IV)Fraunhoffer diffraction | 2nd assignment |
| Paper PH : 101 Classical Mechanics and theory of relativity | | | |
| November | B.Sc. I Sem | Basic concepts of classical mechanics (unit - I) |  |
| December | B.Sc. I Sem | Generalized notations (unit - II) | 1st assignment |
| January | B.Sc. I Sem | Theory of relativity (unit III) | Test |
| February | B.Sc. I Sem | Applications of theory of Relativity (unit-IV) | 2nd Assignment |