

Lesson plan

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

Academic session : **2019-2020**

Semester : **odd**

Dr. Arvind Garg

Associate Professor

Physics Department

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