

Lesson plan

Name of the college: IGN COLLEGE, LADWA

Academic session: 2021-2022

Semester: odd

Dr. ArvindGarg

Associate Professor

Physics Department

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