

CLASS 12th Physics Lesson Plan for November -2015

Month of November 09 th – 14 th Topic	Concepts and skills	Learning outcomes	Instructional tools	P e d a g o g y	A c t i v i t y / Assignment /Research	Assessment	Formative / Summative Assessment Syllabus
Mass energy relation, mass defect, binding energy per nucleon and its variation with mass number. (02 classes)	Students will learn conversion of mass into energy and vice versa. Stability of nuclei.	Why some of the nuclei are more stable and why some are radioactive.	Black board, text book and reference book.	Lecture, Discussion Random questioning	Discussion In class and Textual questions.	Individual class work and questions based	To be tested in Final term examination.
Nuclear fission and fu (01 class)	Nuclear Matter	Source of energy in stars (sun). And nuclear power plants.	Do	Do	Do	Do	Do
Radioactivity, alpha, beta and gamma particles/rays (03 classes)	Radioactive elements radio activity.	Importance of radioactivity in day to day life (benefits and drawbacks)	Do	Do	Do	Do	Do