

DR. SAPNA PANDE, Department of PHYSICS

VIRTUAL CLASSES

school diaries app

MSc Sem IV
(PHYSICS)

NUCLEAR PHYSICS - 2

SNo.	Date	Topic
1.	09-04-2020	Nuclear models. Shell model Evidence of existence of magic no. Extreme Single Particle model.
2.	11-04-2020	Extreme Single Particle model contd.
3.	14-04-2020	Predictions of shell model
4.	17-07-2020	Problems on shell model.

DETAILS OF e-CONTENT SHARED WITH STUDENTS
(through WhatsApp and Google-classroom).

MSc Sem IV (PHYSICS)

NUCLEAR PHYSICS - 2

S.No.	Date	Topic	file type
1	24-03-2020	Saturation Forces	jpg, pdf
2	30-03-2020	Meson theory of Exchange Forces	pdf
3	03-04-2020	Nuclear models	pdf
4.	09-04-2020	Shell model	pdf
5	14-04-2020	Predictions of Shell model	pdf
6	17-04-2020	Problems on Shell model	pdf

Assignments submitted by 14 students

MSc Sem II Atomic and Molecular Spectra

SNo	Date	Topic	File
1.	29-03-2020	Electron Spin Resonance	pdf
2	05-04-2020	Nuclear quadrupole Resonance	pdf
3.	10-04-2020	Nuclear magnetic Resonance	pdf
4	15-04-2020	Important Problem of LS coupling	pdf.

Assignments submitted by 20 students

Classroom codes:

MSc Sem IV
Nuclear Physics lpmqruv

MSc Sem II
Atomic and Molecular Spectra rxnsr52