Name of the faculty	Subject	Year	Semester	Topic	e-CONTENT LINK
G. Nagaraju	Physics	II	IV	introduction to polarization	https://youtu.be/1_X5GFmU2-M
G. Nagaraju	Physics	II	IV	Nicol's prism	https://youtu.be/bNJpsgxQz3o
V Satya Prakash	Physics	II	III	Gauss law and applications	https://youtu.be/anwCKOS8Hkc
G.Nagaraju	Physics	III	VI	photo electric effect	https://youtu.be/W5hZdcZWBtY
V Satya Prakash	Physics	II	III	Gauss law applications-uniformly charged sphere	https://youtu.be/9dNCfkccxFg
G.Nagaraju	Physics	III	VI	Bhor theory	https://youtu.be/tkcWnmCG91E
V Satya Prakash	Physics	II	III	Gauss law applications- infinite sheet and charged cylinder	https://youtu.be/UBwwXbJMxVQ
V Satya Prakash	Physics	II	III	Applications of Gauss law - parallel planes and Coulomb's law	https://youtu.be/akPodPshUko
G.Nagaraju	Physics	III	V	ruby laser	https://youtu.be/QHB_hTTzqjQ
G.Nagaraju	Physics	II	IV	classification of opticalfibres	https://youtu.be/q53fHYNGj4k
V Satya Prakash	Physics	II	III	Conservative nature of electric field, irrotational field and potential	https://youtu.be/ZCGN9D5Blo0
V Satya Prakash	Physics	II	III	Relation between field and potential and interaction energy	https://youtu.be/7Luv4Lyc2LA
G.Nagaraju	Physics	I	II	pyrometer,solar constant	https://youtu.be/U9Dx9TP6XJ0
V Satya Prakash	Physics	II	III	Energy density of electric field and electric dipole	https://youtu.be/drfQGZDAFdY
G. Nagaraju	Physics	II	IV	aberrations	https://youtu.be/Fs1h2NFY_tY
R Ratan Kumar Pasalapudi	Physics	III	V	Electrostatics	https://youtu.be/3q8DaFydiWM
R Ratan Kumar Pasalapudi	Physics	III	V	electrostatics	https://youtu.be/dAPPtpOk508
V Satya Prakash	Physics	II	III	Dipole potential and field and potential outside solid sphere	https://youtu.be/Y02Zx1Ldn-c
M.Santosh	Physics	III	VI	Nuclear Physics	https://youtu.be/DvFJG3XUgp4
M.Santosh	Physics	III	VI	Semi empirical mass formula , Nuclear models	https://youtu.be/2mjSOGklH1M
M.Santosh	Physics	I	I	Vector analysis	https://youtu.be/dz7MxhDtwdM

M.Santosh	Physics	I	I	Vector analysis	https://youtu.be/vQZ_B079l84
M.Santosh	Physics	I	I	Vector theorems	https://youtu.be/Al33Q5WssAU
M.Santosh	Physics	I	I	Mechanics of particles	https://youtu.be/B0flAn5vWrc
M.Santosh	Physics	I	I	Motion of rocket	https://youtu.be/IWy9j4Uroak
M.Santosh	Physics	II	I	Conservation laws	https://youtu.be/9Dh98Q1nK5A
M.Santosh	Physics	I	I	Conservation of Linear Momentum	https://youtu.be/rV43OCZXyn4
M.Santosh	Physics	I	I	Collisions	https://youtu.be/N_bLINjehRc
V Satya Prakash	Physics	II	III	Potential of charged sphere and spherical shell etc.	https://youtu.be/EUNEI_qc1Jo
G.Nagaraju	Physics	III	V	crystal systems	https://youtu.be/a3WmE5lB26k
V Satya Prakash	Physics	II	III	Basics of magnetostatics	https://youtu.be/UwYI9sBZegk
V Satya Prakash	Physics	II	III	Biot-Savart law	https://youtu.be/EZu8SQ5BbDc
G.Nagaraju	Physics	III	VI	basic properties of nucleus	https://youtu.be/jNKikCdHYGk
V Satya Prakash	Physics	II	III	Electrostatics - basic concepts	https://youtu.be/aRZxO4iSm88
M.Santosh	Physics	I	I	Collision s	https://youtu.be/N_bLINjehRc
M.Santosh	Physics	I	I	Impact parameter, scattering Cross section, Related problems	https://youtu.be/B-Ohi_37vdA
V Satya Prakash	Physics	II	III	Application of Biot-Savart law for long straight conductor ,nature of B and Ampere's law	https://youtu.be/MRInLyR_XOM
M.Santosh	Physics	I	I	Mechanics of rigid body	https://youtu.be/Hc3kWSC2M2c
G.Nagaraju	Physics	II	IV	Michelson interferometer	https://youtu.be/Oudd8bpLTaM

Srinivasa Goud	Physics	III	V	Crystal Structures Lecture 1	https://youtu.be/szvwSNIfzHE
Srinivasa Goud	Physics	III	V	SSP-Crystal Structure Lecture 2	https://youtu.be/3zbqD12YSls
G.Nagaraju	Physics	II	IV	babinet compensator	https://youtu.be/mb_4NMpfnsI
V Satya Prakash	Physics	II	III	Energy density of magnetic field, magnetic force on a conductor, magnetic force between two conductors etc.	https://youtu.be/VbusIK8K_z4
G.Nagaraju	Physics	III	VI	Crystal structure	https://youtu.be/kvDOcC5ZX-I
G.Nagaraju	Physics	III	VI	Miller indices	https://youtu.be/8TQF8C--18E
V Satya Prakash	Physics	II	III	Ballistic Galvanometer- construction and working	https://youtu.be/EA38y-jMrTE
G.Nagaraju	Physics	III	VI	Nuclear forces	https://youtu.be/rXfz3sO-epA
V Satya Prakash	Physics	II	III	Galvanometer damping and damping correction	https://youtu.be/iDkax4UiGWo
G.Nagaraju	Physics	II	IV	thin films	https://youtu.be/790g25FeOG0
V Satya Prakash	Physics	II	III	Lenz's law and self induction	https://youtu.be/HCCqLxLUOsE
V Satya Prakash	Physics	II	III	Mutual induction and mutual inductance of two coils	https://youtu.be/JjSL_3OgEMo
V Satya Prakash	Physics	II	III	Continuity equation, modification of Ampere's law	https://youtu.be/FVZ8cQmgn3g
V Satya Prakash	Physics	II	III	Boundary conditions on D,B,E &H	https://youtu.be/tOJmAArRSdQ
V Satya Prakash	Physics	II	III	Electromagnetic waves and transverse nature of em waves	https://youtu.be/pE6uqFZbyc4
V Satya Prakash	Physics	II	III	Electromagnetic waves in a dielectric medium and Poynting's theorem	https://youtu.be/tULFPie4a7s