SELF STUDY MATERIALS

CLASS	TOPICS	LINK
B.Sc VI thsem	General Properties of a Nuclei	https://youtu.be/Fmf4P18MyIw?si=_eJxGcfiij1AmQyf
B.Sc VI thsem	Binding Energy	https://youtu.be/kVqCLiRmom4?si=Gdv6677jR3lMtBYy
B.Sc VI thsem	Nuclear Models	https://youtu.be/Rd0CJje59bE?si=oKFMza_xnKFZCk_0
B.Sc VI thsem	Liquid drop Model Approach	https://youtu.be/PI8PTWxWzag?si=pE_zf6V29zyghuBB
B.Sc VI thsem	Nuclear shell model	https://youtu.be/2Tb5DSFPwkU?si=SeLuUH5Piha9007s
B.Sc VI thsem	Concept of nuclear force	https://youtu.be/AwJ5YKNuGrU?si=f-iuVq7lkQTx3_R1
B.Sc VI thsem	Nuclear Magic number's	https://youtu.be/lTjjA2PY9vw?si=oqHEPhoN_KXWM9ss
B.Sc VI thsem	Radioactivity Decay law	https://youtu.be/AUs0HpyMZLw?si=etHReEiOgrLYsZLC
B.Sc VI thsem	Gamma decay	https://youtu.be/Nbred7_oros?si=1RZJ4KovoIxTP2bw
B.Sc VI thsem	Nuclear Reaction	https://youtu.be/OKR6itwbpSw?si=RY46xhZ7AukSxbhf
B.Sc VI thsem	Detector for Nuclear radiation	https://youtu.be/AwecLNACyTI?si=4hu6FWFKYZlUH2ch
B.Sc VI thsem	GM Counter	https://youtu.be/ieEeFKrFBIg?si=UXK8xruTGM6MYp2P
B.Sc VI thsem	Particle Accelerators	https://youtu.be/-KslGjXEtKk?si=UQ6P8XeoXNAfsAvl
B.Sc VI thsem	Particle Physics	https://youtu.be/2eFvVzNF24g?si=KR2RRLdO2VnmIyfz
B.Sc VI thsem	Type of particles and its family	https://youtu.be/5Aw3Oshj6fc?si=Q9nzUKRcABKAOVcO
B.Sc VI thsem	Conservation Law	https://youtu.be/BjEp6kXI_Gc?si=nOBoMb6vFnfTJic4
B.Sc VI thsem	Quark Models	https://youtu.be/VjeNLJUhoeM?si=h0JN_aBeuFNFvl9n
B.Sc VI thsem	Color Quantum number	https://youtu.be/fWPvhFcDjEs?si=KruQMgFDDcKPTMH5

SELF STUDY MATERIALS

CLASS	TOPICS	LINK
B.SC V Sem	Crystal structure	https://youtu.be/1OM8KjhSY4w?si=G0sskYxG_DqoHLoI
B.SC V Sem	Type of lattice	https://youtu.be/7lYk-5otTV4?si=TFPigzeAYDJZfpax
B.SC V Sem	Bragg' Law	https://youtu.be/dIGCYj5bqBY?si=kI_l4y9eUB_Xqvv2
B.SC V Sem	Phonons	https://youtu.be/lNOCDptqWJ0?si=t-zNAZTeAk0L6Hf2
B.SC V Sem	Monoatomic lattice vibration	https://youtu.be/3t9wUAD4HGc?si=kYTEhSSMr5XnbufY
B.SC V Sem	Acoustical and optical branch	https://youtu.be/cvDTM0AgNA4?si=g9sDjstAqjznVfgS
B.SC V Sem	Debye theory of specific heat of solids	https://youtu.be/1Ht1QLRcn_A?si=86PhjAoysM95qtQh
B.SC V Sem	Magnetics properties of matter	https://youtu.be/JF2TzKXnWzk?si=YkQYJeG4XX7iUMLx
B.SC V Sem	Weiss's theory of ferromagnetism	https://youtu.be/4aD2Gn7hGxA?si=MmAJxNyPuzYRjWC2
B.SC V Sem	Dielectric properties of material	https://youtu.be/ZC4GgMapjHo?si=Pp4IIWuW3bkAOGLA
B.SC V Sem	Complex Dielectric coastant	https://youtu.be/AeG4IfF_qRU?si=EOPN6dNI_e6AMpA8
B.SC V Sem	Elementary Band Theory	https://youtu.be/mje44dAK7cE?si=PfKKwL4iEgmlVZyN
B.SC V Sem	Hall effect and Hall coefficient	https://youtu.be/QMf5ZjnjdOs?si=6cXL_acE9lmECYIe
B.SC V Sem	Mobility	https://youtu.be/m9Xdmd78QKs?si=RI3UxmqWq9VHfEW5
B.SC V Sem	P-N Type Semiconductor	https://youtu.be/CjAVfW_6juw?si=Mk8ILL-QTCLdr6nG
B.SC V Sem	Superconductivity	https://youtu.be/rrxDqK_Clyg?si=5O77reIOTPqVsEYh
B.SC V Sem	Londan's Equation	https://youtu.be/BYWfDkJnfkc?si=DTEnREfh0cEIuY5x

SELF STUDY MATERIALS

B.Sc III sem

CLASS	TOPIC	LINK
B.SC III	**Waves and Superposition of Harmonic Waves**	**https://youtu.be/3X4KTr8sM7c?si=9NYOXtk670 mRKb83**
B.SC III	Plane and Spherical Waves. Longitudinal and Transverse Waves.	https://youtu.be/UFMBIFH8M_I?si=9OHHi8WPK3 EeJB-m
B.SC III	Characteristics of wave motion	https://youtu.be/CVsdXKO9xlk?si=qXCdU6k7R4UJ jTrn
B.SC III	Wave Equation –Differential form (derivation). Particle and Wave Velocities: Relation between them	https://youtu.be/-6JqOJH8phM?si=eLftQlhbYNbEZPdn
B.SC III	Energy Transport – Expression for intensity of progressive wave	https://youtu.be/C29sprqvnGM?si=ubfIYe7z82aMSSRC
B.SC III	Newton's Formula for Velocity of Sound	https://youtu.be/1WePT78LNZ8?si=CBjIZ20ji_wH z-Xs
B.SC III	Laplace's Correction (Derivation)	https://youtu.be/gDcHXKtw7R4?si=zPWEukA9MX 0oLBlC
B.SC III	**uperposition of Harmonic Waves**	https://youtu.be/3X4KTr8sM7c?si=3ZAgayAOxaV 3azHj
B.SC III	Linearity and Superposition Principle	https://youtu.be/j-neq1KhuPc?si=_GLvoHAYJkywXSzn
B.SC III	Superposition of two collinear oscillation shaving (1) equal frequencies and (2) different frequencies (Beats)–Analytic altreatment	https://youtu.be/JE7a471z-Go?si=HiG9_LxzJl3ygMXf
B.SC III	Velocity of transverse waves along a stretched string(derivation)	https://youtu.be/g8Lq7LglYdo?si=kzCoZAyx0IwiJ5 y5
B.SC III	Standing (Stationary)Waves in a String -Fixed and Free Ends (qualitative).	https://youtu.be/rD7dm4O4OfQ?si=38HQ0bx3AtiDOnFM
B.SC III	Theory of Normal modes of vibration in a stretched string,	https://youtu.be/sHT4sHcRoyo?si=IEmtBEQNdZ1wWmWF
B.SC III	Velocity of Longitudinal Waves in gases(derivation)	https://youtu.be/uiiPJ_CazK4?si=LoYfrF8aw3PW8xAR

SELF STUDY MATERIALS

B.SC III	Absorption coefficient	https://youtu.be/jZTMLUqsOyI?si=knt-N9a6GbM0ly9T
B.SC III	Reverberation and Reverberation time	https://youtu.be/1QrFLMMv4qo?si=WH0TIfjNFP1s5STa
B.SC III	Sabine's Reverberation formula(derivation)	https://youtu.be/EGUrtKe9seM?si=pxeuYmQxd46znKdK
B.SC III	Requisites for good acoustics	https://youtu.be/DZ-ISU2l00A?si=OGHh49LZjK8G088F
B.SC III	Acoustic measurements– intensity and pressure levels	**https://youtu.be/fffQf1z2w5s?si=PD076j1OFSJV WGKL**
B.SC III	**Nature of light;**The corpuscular model of light	https://youtu.be/uO2uyvf-E3k?si=D0qf4B9EQy4YtAT6
B.SC III	The wave model-Maxwells electromagnetic waves-WaveParticle Duality	https://youtu.be/FqyiAXdMBN4?si=wAUmC8HSB vjo-cg5
B.SC III	**Interference of light by division of amplitude**	https://youtu.be/m4t7gTmBK3g?si=2IWxE5p4gtGCt9xa
B.SC III	Interference by division of amplitude-	https://youtu.be/qAXLeZAy-QI?si=PrNLMQkNo12XtH0H
B.SC III	Interference by a plane parallel film illuminated by a plane wave-Interference by a film with two non-parallel reflecting surfaces	https://youtu.be/LZTyemZDTkw?si=CjCG- iwM446-b83K
B.SC III	Young's doubleslitexperiment	https://youtu.be/pJx3dQxcHaQ?si=cdY-od9O638qjCNm
B.SC III	Derivation of expression for fringe width - Fresnel Biprism - Interference	https://youtu.be/v95JKNoeR4c?si=cekJVjpGuu7ndkjt
B.SC III	**Interference of l ightby division of amplitude**	https://youtu.be/LZTyemZDTkw?si=zGE_nSaKZHC Mfj5k
B.SC III	Interference by division of a mplitude-	https://youtu.be/LZTyemZDTkw?si=8eK4kQSftVy4u1Ca
B.SC III	Interference by a plane parallel film	https://youtu.be/LZTyemZDTkw?si=bHOfjA2A_qJ 56I1o
B.SC III	Illuminated by a plane wave-Interference by a film with	https://youtu.be/LZTyemZDTkw?si=tdhErfEmj097avN2

SELF STUDY MATERIALS

	two non-parallel reflecting surfaces-	
B.SC III	Newton's rings-(Reflected light)	https://youtu.be/VLI0dWcFsr8?si=1aMvKQZICGuCBeJ0
B.SC III	Michelson Interferometer-Determination of wavelength of light	https://youtu.be/9ycQolopz6g?si=hSkur1qIlmdsGFd0
B.SC III	**DiffractionandPolar isation;**Introduction-Fraunhoferdiffractions-Singleslitdiffractionpattern-positionofMaximaand Minima (Qualitative arguments)-	https://youtu.be/H_IKUhRctHA?si=Cm9VmyaGholpMPY0
B.SC III	Two slit diffraction pattern-position of Maximaand minima	https://youtu.be/WqzxmQhzR5Q?si=tuV0ayGCJCXunadP
B.SC III	Theory ofplane diffraction grating-Grating spectrum-normal andobliqueincidence	https://youtu.be/2JTLmUg-2p8?si=yBbCF1i0SY9l2095
B.SC III	DoubleSlit.	https://youtu.be/uva6gBEpfDY?si=ukt8KqMGdlQacCHz
B.SC III	Multipleslits&Diffractiongrating.	https://youtu.be/F6dZjuw1KUo?si=N-mKqwP2nO26Rdui
B.SC III	FresnelDiffraction-	https://youtu.be/Q-oQKSLhLKw?si=D6VDBct0hzAZOZK8
B.SC III	Fresnelhalfperiodzones	https://youtu.be/Nl2EDY9GFKk?si=gwMAOO8zOg mVwDus
B.SC III	-The zone plate -comparison between zone plate andconvex lens.	https://youtu.be/TffsyeXQTSA?si=ILCgftqTHYmW 0Okr
B.SC III	Introduction-Productionofpolarizedlight	https://youtu.be/5U_5lktkB2w?si=FWFJyXj87a6fL Koa
B.SC III	ThewireGridpolarizerandPolaroid-Superposition of two disturbances-	https://youtu.be/t-JHswbL10w?si=ylLfggP9cfXiR0Ap
B.SC III	Quarter waveplatesand halfwave plates-	https://www.youtube.com/live/w19X6WZJyDU?si=o0YYpsTBAMvqh7Vu
B.SC III	Analysis of polarizedlight-opticalactivity	https://youtu.be/q-YhdLDbe5o?si=rEKFP62n_KE0kGcB

SELF STUDY MATERIALS

Class	Experiment	LINKS OF EXPERIMENT
B.SC III	Velocityof soundthrougha wire usingSonometer	https://youtu.be/9KlMtyA5C5g?si=LO74jBPy5k4tC61o
B.SC III	Frequencyof ACusingSonometer	https://youtu.be/rpjpimk6G7Q?si=pBbAxQICKD75Tp34
B.SC III	StudyofLissajous'Figures	https://youtu.be/BEpJG5pFX5I?si=gGctF6eqXcCEWPkk
B.SC III	ToverifythelawsoftransversevibrationusingMelde's apparatus.	https://youtu.be/hwWPDqHFxOg?si=YD75gFDbs6u5EPDJ
B.SC III	ToverifythelawsoftransversevibrationusingMelde's apparatus	https://youtu.be/hwWPDqHFxOg?si=k-HdAVvyLozOe8vm
B.SC III	Helmholtzresonatorusingelectricalsignal generator	https://youtu.be/BfcCZVuPMjs?si=zmLjAB4gCS4xmk2X
B.SC III	TodeterminerefractiveindexoftheMaterial ofaprismusingsodiumsource	https://youtu.be/oRch7irmLvo?si=Z62CNb2tFsONYxzq
B.SC III	TodeterminethedispersivepowerandCauchyconstantsofthematerialofaprismusing mercurysource	https://youtu.be/htYyQt55Q9c?si=bJfJHgDXBjj4Wdh3
B.SC III	Todeterminethewavelengthofsodiumsourceusing Michelson'sinterferometer	https://youtu.be/jMjRdrrCyPQ?si=vpF_dBcH5B2ehCgN
B.SC III	Todeterminethethicknessofathinpaperbymeasuring thewidthoftheinterference fringesproducedbya wedge-shapedFilm.	https://youtu.be/pQffvbkq1nI?si=Uk3MBKO9hygfJNv6
B.SC III	Todeterminewavelengthof(1)Nasourceand(2)spectrallinesofHgsourceusing planediffractiongrating.	https://youtu.be/OfXS4mNSBtI?si=J-73TjOunpo15yp5
B.SC III	Todeterminewavelengthof(1)Nasourceand(2)spectrallinesofHgsourceusing planediffractiongrating.	https://youtu.be/RM7Ijt9q4_I?si=aaSv2M-QzgaQUmZI

SELF STUDY MATERIALS

B.Sc IV sem

B.SC IV Sem	Second Law of Thermodynamics interms of Entropy	https://youtu.be/RRAMh-jTpnE?si=YTH84rHDDLd-owdB
B.SC IV Sem	Entropy of a perfect gas	https://youtu.be/rKc_5zWKWB8?si=EbI4d3f6QRz5o9wR
B.SC IV Sem	Entropy Changes in Reversible and Irreversible processes with examples	https://youtu.be/9hYZSHxbqhE?si=4L3K3diO33sTdKLX
B.SC IV Sem	**Third Law of Thermodynamics.** Unattainability of Absolute Zero.	https://youtu.be/xwtpf2VMjVo?si=6CqRFHjZxxdqEpgw
B.SC IV Sem	**Thermodynamic Potentials;** InternalEnergy	https://youtu.be/hyLiWSn361k?si=9UjLfhoZ4kFi5XJ4
B.SC IV Sem	HelmholtzFreeEnergy	https://youtu.be/GgyuRH1nf0c?si=fv0hlJ8Fqq72M_8Y
B.SC IV Sem	Cooling due to adiabatic De magnetization.	https://youtu.be/eSiy1t208jQ?si=dDTwF8osYdSrI7pa
B.SC IV Sem	Properties and Applications. Surface Films and Variation of Surface Tension with Temperature.	https://youtu.be/zMzqiAuOSz0?si=30WbQfvLHncrlxsL
B.SC IV Sem	**Maxwell's Thermodynamic Relations; Derivations and applications of Maxwell's Relations**	https://youtu.be/BZjhJAUKSpU?si=ekBHY7Vb5q5v3ZFJ
B.SC IV Sem	Clausius - Clapeyron	https://youtu.be/JUzap3y5pC4?si=S34zL3S46LX 7-RLl
B.SC IV Sem	KineticTheoryof Gases	https://youtu.be/iAsP-9m2aH0?si=vDeUaRot7PBfcv9M
B.SC IV Sem	Maxwell-Boltzmann Law Of distribution	https://youtu.be/xQ9D4Jz95-A?si=z_9PH8Jg1UTqz3zF
B.SC IV Sem	Distribution of Velocities in an Ideal Gas: Mean, RMS and Most Probable Speeds.	https://youtu.be/Ab-STKhqxOU?si=8r9cxd3GEJaXrSwg

SELF STUDY MATERIALS

B.SC IV Sem	Law of Equipartition of Energy (no derivation)	https://youtu.be/B9ukqBYxIDs?si=FqdwgME-FkUGjB5K
B.SC IV Sem	Blackbody radiation,	https://youtu.be/yCNcbkLFTFs?si=5p5SLfxZmSCoqJnx
B.SC IV Sem	spectral distribution	https://youtu.be/dhxeAY a1s?si=DkHZ5rkkukP oGTNh
B.SC IV Sem	concept of energy density and pressure of radiation (no derivation).	https://youtu.be/kOUclJRR8qI?si=Cmq0An-nFi1vuFQv
B.SC IV Sem	Derivation of Planck's law	https://youtu.be/Yli7jT88_2Q?si=M2gPfrc0P-TiqECx
B.SC IV Sem	deduction of Stefan-Boltzmann law and Wien's	https://youtu.be/9FnyDK9xQjE?si=ORkO-u-47oB9dSkh
B.SC IV Sem		https://youtu.be/oaxV6qOUT6Y?si=EYKUbtdxUVZjYb8e
B.SC IV Sem	)Joule ThomsonEffectand J-T coefficient (Derivation) for Vander Wallsgas.	https://youtu.be/oaxV6qOUT6Y?si=65TTdCL5I9dwULHi
B.SC IV Sem	Maxw B.SC IV ell-Boltzmann Law of Distribution of Velocities in an Ideal Gas	B.SC IV https://youtu.be/xQ9D4Jz95-A?si=jnaXXEb_q7Q-BGcZ
B.SC IV Sem	Blackbody radiation, spectral distribution	https://youtu.be/AsTXzCVbeS8?si=-qY7US9ERKGOlzpA
B.SC IV Sem	Concept of energy density and pressure of radiation (no derivation)	https://youtu.be/kOUclJRR8qI?si=4bnIqNxhyezgRtWe
B.SC IV Sem	Deduction of Stefan – Boltzmann law and Wien's Displacement law from Planck's law.	https://youtu.be/9FnyDK9xQjE?si=nWNevfgSWhvGkBBz
B.SC IV Sem	Laws of Thermodynamics ; Zeroth Law of Thermodynamics	https://youtu.be/4OSZ3wYo6-Y?si=MbderT0ZIt3BdNC8
B.SC IV Sem	Concept of Temperature	https://youtu.be/LL54E5CzQ-A?si=knXIh9P0vH86t0QI
B.SC IV Sem	Conceptof Work and Heat	https://youtu.be/uB2VS39RJaQ?si=MvPJPlbXQTJWM4Km

SELF STUDY MATERIALS

B.SC IV Sem	First Law ofThermodynamicsanditsdifferentialform,	https://youtu.be/LW8sXl9E2B8?si=QX3J9rohFurEUFdj
B.SC IV Sem	InternalEnergy,	https://youtu.be/k49KzgaL5eI?si=WlDG4u2dq6obUHTH
B.SC IV Sem	Applications of FirstLaw: Equation of state for an adiabatic process	https://youtu.be/nvEUFvgUHAk?si=WvMTVn_tWrs7Zjn2
B.SC IV Sem	Work Doneduring Isothermal and Adiabatic Processes	https://youtu.be/bXNxBFBfwjs?si=owQ6goB8ujPdzuiW
B.SC IV Sem	CompressibilityandExpansion Co-efficient	https://youtu.be/_1Zn7xWMvRU?si=MbDVMRVbHeT8wStq
B.SC IV Sem	**Second Law of Thermodynamics :**Reversible and Irreversible process with examples.	https://youtu.be/zieTlJY-hOE?si=Rph_F097xiNbo4Fl
B.SC IV Sem	Conversion of Work into Heat and Heat into Work.	https://youtu.be/v2xi3GNM-bk?si=vjDIqXz_0cD5MTFd
B.SC IV Sem	:Carnot engine & efficiency (no derivation)	https://youtu.be/R2fAXhzckyA?si=s6pCsQpFQgYjMSab
B.SC IV Sem	2nd Lawo f Thermodynamics: Kelvin-Planck and Clausius Statements andtheir Equivalence	https://youtu.be/GC1fCvm0NMA?si=dOV0I4sedTDAC32Z
B.SC IV Sem	**Entropy:** Concept of Entropy	https://youtu.be/N2JOfPknrSA?si=Msl-3NsVsA8Jg4u2
B.SC IV Sem	Clausius Theorem. ClausiusInequality	https://youtu.be/BaCyifLtZo0?si=1rY5CTwlKD6R iKgg

SELF STUDY MATERIALS

CLASS	EXPERIMENT NAME	LINKS
B.SC IV Sem	Mechanical Equivalent of Heat by Callender and Barne's method	https://youtu.be/T1iV8rx64QE?si=V7Mvzym3H9BZNpns
B.SC IV	Coefficient of thermal conductivity of copper by Searle's apparatus	https://youtu.be/dTGVvZ-UeCw?si=2s5e-tmE4xsrXwtp
B.SC IV	Coefficientofthermalconductivityofabad conductorbyLee andCharlton's discmethod	https://youtu.be/9XeosJZ3mIc?si=_t4mnLZq153aQC0N
B.SC IV	ValueofStefan'sconstant	https://youtu.be/RRatw3-uZ8A?si=UUni1sto4zeZfABb
B.SC IV	VerificationofStefan'slaw	https://youtu.be/Rw6kX_JuIOw?si=SLZeuWD08fEYBtKW
B.SC IV	Variationofthermo-emfacross twojunctionsofathermocouplewithtemperature	https://youtu.be/UvMexmvghOQ?si=z1h89y8L1IikyyBF
B.SC IV	Verification of Clasius – Clapeyron equation and determination of specific enthalpy	https://youtu.be/Kmu54wxaBts?si=G4_UWdmvtKOaCNlb
B.SC IV	V-I Characteristics of Silicon & Germanium PN Junction diodes (FB &RB) V-I Characteristics of Zener Diode and voltage regulator	https://youtu.be/ugO1G7_1a-o?si=i3WRn4MozsGEyXMT
B.SC IV		https://youtu.be/0iRs1XMNChI?si=eIK10aP7j8pxwubF
B.SC IV	HalfWaveand FullWaveRectifierWithoutFilter HalfWaveand FullWaveRectifierwithFilter	https://youtu.be/QGawHsg4NpQ?si=upIn428c756jAgx9

SELF STUDY MATERIALS

B.SC I SEM

B.Sc. I Sem	Units and measurement	https://www.youtube.com/live/yP_2QQQIlvk?si=dY7Cdet0jTwuOV9J&t=8
B.Sc. I Sem	Momentum and energy	
B.Sc. I Sem	Conservation of momentum	https://youtu.be/BcZfRSlaw7s?si=tkLn74-IIjy0A4qj
B.Sc. I Sem	Work energy theorem	https://youtu.be/nnMirzeTepQ?si=dkDLvjk3w_NAqgbO
B.Sc. I Sem	Special theory of relativity	
B.Sc. I Sem	michelson's morely expt	https://youtu.be/3G_Q6AggQF8?si=tvpQ95kIGpP5lfa4
B.Sc. I Sem	Dynamics of rigid body	https://youtu.be/rTu95kb4FR0?si=EHSZ8RIC-9AGrekQ
B.Sc. I Sem	Keplers law of planatory motion	https://youtu.be/h8TFHeGItbA?si=emSye1L0J-K9adJt
B.Sc. I Sem	Satellite in circularorbit	https://youtu.be/nZFHV57ceKw?si=IEinTY9BkOWdb2Ml
B.Sc. I Sem	Gravitation and central force motion	https://youtu.be/B2C5nr8QEoI?si=GvxgUG-HXI6aqOt0
B.Sc. I Sem	Gravitation	
B.Sc. I Sem	Basic concepts of Elasticity	https://youtu.be/TElsVcgBeds?si=8JG3DeybTN4Cz6oM
B.Sc. I Sem	Elastic constants	https://youtu.be/od8nRWcS0co?si=jEJdaonnK04Nii9B
B.Sc. I Sem	visicosity	https://youtu.be/N8_qO4Q_r-I?si=frdxa0kCqiF3_11s
B.Sc. I Sem	Poiseuille's equation	https://youtu.be/cVdJh8kI6Sw?si=pU8GM8tTgJtftlm6

SELF STUDY MATERIALS

B.Sc II sem

B.Sc II Sem	TOPIC (THEORY)	LINK
B.Sc II Sem	Electric charge and field	https://youtu.be/VFbyDCG_j18?si=xWn2Lz9yCkqaeiC4
B.Sc II Sem	Electric field intensity	https://youtu.be/gtqHhBctrhk?si=fDMoRdoe7LrJUxcr
B.Sc II Sem	Electric field due to point charges	https://youtu.be/5pBH27LKq6Q?si=d_okAv7xMHQFcjRn
B.Sc II Sem	Conductors	https://youtu.be/y865nLVyQsY?si=mrW0tgticM6A79KU
B.Sc II Sem	Electromagnetic waves	https://youtu.be/DWiZTLtQc3w?si=5EM_guN1gkx5lvJb
B.Sc II Sem	Alternating current	https://youtu.be/ERIToctYUcQ?si=FHpUul9pO40h7DhO
B.Sc II Sem	Resonance in parallel LCR circuit	https://youtu.be/mt3WwcQuJSE?si=cd6vQ73Rsl78r4os
B.Sc II Sem	Magnetic materials	https://youtu.be/_9RcHLSmmjo?si=Kmv4F-IY72zI-urH
B.Sc II Sem	Gauss's law and its Apllications	https://youtu.be/kGlLqHj-6OU?si=zdqpO57y-_N_TPWk
B.Sc II Sem	Electromagnetic induction	https://youtu.be/shJAV59NS6k?si=AtadCQba9IRkHNI0
B.Sc II Sem	Self inductance and mutual inductance	https://youtu.be/hoTInTKij0o?si=K6qCRxa-db2Zf87w
B.Sc II Sem	Energy stored in magnetic field	https://youtu.be/N1CPp1Mbj88?si=4RFBE3Q-l7ZeZp0_
B.Sc II Sem	magnetization and magnetic susceptibility	https://youtu.be/YGAiq9-QPWE?si=3zthM4t8zZTg8oND

SELF STUDY MATERIALS