

List of Video Lessons
Dept. of Physics

Name of the teacher	Name of the module developed	Link to the relevant document and facility available in the institution
M Sundara Murthy	Heisenberg - Uncertainty Principle & Applications	https://www.youtube.com/watch?v=JeZBJZWtPnk
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Dr.Ch.Kanchana Latha	nuclear physics part1	https://studio.youtube.com/video/GVfM7S25fN0/edit/basic
Dr.Ch.Kanchana Latha	- superconductivity final	https://youtu.be/epzFTXW-zVY
Dr.Ch.Kanchana Latha	- Introduction to network theorems part1 of2	https://youtu.be/IcZldLVT3zU
Dr.Ch.Kanchana Latha	Network theorem	https://youtu.be/iAg33XxNnME
M Sundara Murthy	How to Learn And Understand Physics Effectively	https://www.youtube.com/watch?v=DVjI9jDTixc
M Sundara Murthy	How to Learn And Understand Physics Effectively	https://www.youtube.com/watch?v=DVjI9jDTixc

M Sundara Murthy	Inadequacy of Classical Physics Bohr Atomic Model & it's Drawbacks	https://www.youtube.com/watch?v=2nfmJqGme1c
M Sundara Murthy	Inadequacy of Classical Physics Bohr Atomic Model & it's Drawbacks	https://www.youtube.com/watch?v=2nfmJqGme1c
M Sundara Murthy	Quantum Theory of Radiation - Planck Law	https://www.youtube.com/watch?v=WsAM7i6d59c
M Sundara Murthy	Quantum Theory of Radiation - Planck Law	https://www.youtube.com/watch?v=WsAM7i6d59c
Dr.Kanchana Latha	X-Ray diffraction	https://youtu.be/U3D93ADlyBk
Dr.Kanchana Latha	• Digitelelectronics	https://youtu.be/D4YtoVzqZNU
Dr.Kanchana Latha	Digital addition and subtraction	https://youtu.be/c7sggZgyBFQ
Dr.Kanchana Latha	Basics of Electrostatics	https://youtu.be/YhRqcKgJoog
Dr.Kanchana Latha	change of entropy	https://youtu.be/BqxhxDipDU0
Dr.Kanchana Latha	<u>applications of Maxwells eqn</u>	https://youtu.be/AFvjY-u-XA8

Dr.Kanchana Latha	T-S DIAGRAM	https://youtu.be/6bt0wjkn8k
Dr.Kanchana Latha	Bonding in crystals	https://youtu.be/5_utALF7Yxo
Dr.Kanchana Latha	logic gates	https://youtu.be/XyjceYw1Vro
Dr.Kanchana Latha	semi conductors	https://youtu.be/39KvChze180
Dr.Kanchana Latha	Hall effect	https://youtu.be/UscyeP5nrHc
Dr.Kanchana Latha	Nuclear detector	https://youtu.be/JhRMygu9ZqY
Dr.Kanchana Latha	alpha decay	https://youtu.be/-R7Y9_OZlfo
Dr.Kanchana Latha	shell model	https://youtu.be/WPaQyxNZWQY
Dr.Kanchana Latha	ATOMIC PACKING FRACTION	https://youtu.be/Be4Zacij2JY
Dr.Kanchana Latha	LIQUID DROP MODEL	https://youtu.be/-UWafCYIIN0

Dr.Kanchana Latha	Nuclear reactions	https://youtu.be/IP7tA3qRLC0
Dr.Kanchana Latha	miller indices	https://youtu.be/jq6hLF6qIgY
Dr.Kanchana Latha	solid state physics-part2	https://youtu.be/uhuo5RIF4AM
Dr.Kanchana Latha	nuclear physics part3	https://youtu.be/8IQfXp0GjKc
Dr.Kanchana Latha	solid state physics-part 1	https://youtu.be/9BgTpN-Bg6w
Dr.Kanchana Latha	nuclear physics part2	https://youtu.be/CsI7j7DgFho
Dr.Kanchana Latha	Thermodynamics,Maxwellsrelations	https://youtu.be/K6nOXYLO4qE
Dr.Kanchana Latha	superconductivity-2	https://youtu.be/oP0_DZN8jzo
Dr.Kanchana Latha	Super conductivity I	https://youtu.be/GclOme63dkI
N. Anitha	Lasers	https://youtu.be/6riyoRJCLbs

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N. Anitha	Working principle of Ruby Laser	https://youtu.be/vBQatK4ANb4
N. Anitha	Working principle of He-Ne Laser	https://drive.google.com/file/d/1kbOtSapmEU6qFSrNtTp3oJIDUDiKcejG/view?usp=sharing
N. Anitha	Super conductors	https://youtu.be/CP_3ttXPC60
N. Anitha	Solid state physics	https://youtu.be/YJwzj5GBR-Y
N. Anitha	Solid state physics	https://youtu.be/oVtlxvTHosM
N. Anitha	X Ray diffraction	https://youtu.be/uobeIUhx0rY
N. Anitha	Newton's Rings Experiment	https://drive.google.com/file/d/1LNt_eIB6zjqEhDiWmPTY-CqC_NSTe0IT/view?usp=sharing
N. Anitha	Lloyds Mirror, colours in Thin films and Diff between Biprism and Lloyds Mirror	https://youtu.be/rOghfV0xMYc
N. Anitha	Thickness of a thin films using wedge method	https://youtu.be/KEIz3mSnC3Y

N. Anitha	Cosine law in reflected light and phase change due to reflection of light from the surface of a denser	https://youtu.be/INCxAHkBvws
N. Anitha	Michelson Interferometer	https://youtu.be/NIZyjs282U
N. Anitha	Diffraction Introduction class	https://youtu.be/yOf68FqlHas
N. Anitha	Fraunhofer diffraction due to single slit	https://drive.google.com/file/d/1GZPfm8rV3SiaN90Zus8zXPYVWe3U9Pfk/view?usp=drivesdk
N. Anitha	Diffraction at N_slits (Grating)	https://youtu.be/qTc2rqZrl_4
N. Anitha	Zone plate construction and working principle	https://drive.google.com/file/d/1QIlePAfeBsWi0WxjwGDfrPhgUX4mv4tv/view?usp=sharing
N. Anitha	Polarization introduction class	https://drive.google.com/file/d/1-4i23QXVzhxt_YI_rcGmJ_nGc2pQ4YCO/view?usp=drivesdk
N. Anitha	Nicol Prism Construction and Applications	https://drive.google.com/file/d/1-JgKjlf-ofZRZ5i_KukU7byy8ZLqX8Ad/view?usp=drivesdk
N. Anitha	Working principle of Babinet compensator and Half & Quarter wave' plates	https://drive.google.com/file/d/1-PavUbKhCX3-d0lnnFX7Wh-OB2L6RoCa/view?usp=drivesdk
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N. Anitha	Polarization introduction class	https://drive.google.com/file/d/1-4i23QXVzhxt_YI_rcGmJ_nGc2pQ4Ycq/view?usp=drivesdk
N. Anitha	Zone plate construction and working principle	https://drive.google.com/file/d/1QllePAfeBsWi0WxjwGDfrPhgUX4mv4tv/view?usp=sharing
N. Anitha	Diffraction at N_slits (Grating)	https://youtu.be/qTc2rqZrl_4
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