

**List of Video Lessons**  
**Dept. of Physics**

M Sundara Murthy	Heisenberg - Uncertainty Principle & Applications	<a href="https://www.youtube.com/watch?v=JeZBJZWtPnk">https://www.youtube.com/watch?v=JeZBJZWtPnk</a>
M Sundara Murthy	Heisenberg - Uncertainty Principle & Applications	<a href="https://www.youtube.com/watch?v=JeZBJZWtPnk">https://www.youtube.com/watch?v=JeZBJZWtPnk</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	nuclear physics part1	<a href="https://studio.youtube.com/video/GVfM7S25fN0/edit/basic">https://studio.youtube.com/video/GVfM7S25fN0/edit/basic</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	- superconductivity final	<a href="https://youtu.be/epzFTXW-zVY">https://youtu.be/epzFTXW-zVY</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	- Introduction to network theorems part1 of2	<a href="https://youtu.be/IcZldLVT3zU">https://youtu.be/IcZldLVT3zU</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	<a href="#">Network theorem</a>	<a href="https://youtu.be/iAg33XxNnME">https://youtu.be/iAg33XxNnME</a>
M Sundara Murthy	How to Learn And Understand Physics Effectively	<a href="https://www.youtube.com/watch?v=DVjl9jDTixc">https://www.youtube.com/watch?v=DVjl9jDTixc</a>
M Sundara Murthy	How to Learn And Understand Physics Effectively	<a href="https://www.youtube.com/watch?v=DVjl9jDTixc">https://www.youtube.com/watch?v=DVjl9jDTixc</a>
M Sundara Murthy	Inadequacy of Classical Physics Bohr Atomic Model & it's Drawbacks	<a href="https://www.youtube.com/watch?v=2nfmJqGme1c">https://www.youtube.com/watch?v=2nfmJqGme1c</a>

M Sundara Murthy	Inadequacy of Classical Physics Bohr Atomic Model & it's Drawbacks	<a href="https://www.youtube.com/watch?v=2nfmJqGme1c">https://www.youtube.com/watch?v=2nfmJqGme1c</a>
M Sundara Murthy	Quantum Theory of Radiation - Planck Law	<a href="https://www.youtube.com/watch?v=WsAM7i6d59c">https://www.youtube.com/watch?v=WsAM7i6d59c</a>
M Sundara Murthy	Quantum Theory of Radiation - Planck Law	<a href="https://www.youtube.com/watch?v=WsAM7i6d59c">https://www.youtube.com/watch?v=WsAM7i6d59c</a>
Dr.Kanchana Latha	X-Ray diffraction	<a href="https://youtu.be/U3D93ADlyBk">https://youtu.be/U3D93ADlyBk</a>
Dr.Kanchana Latha	• Digialelectronics	<a href="https://youtu.be/D4YtoVzqZNU">https://youtu.be/D4YtoVzqZNU</a>
Dr.Kanchana Latha	Digital addition and subtraction	<a href="https://youtu.be/c7sggZgyBFQ">https://youtu.be/c7sggZgyBFQ</a>
Dr.Kanchana Latha	Basics of Electrostatics	<a href="https://youtu.be/YhRqcKgJoog">https://youtu.be/YhRqcKgJoog</a>
Dr.Kanchana Latha	change of entropy	<a href="https://youtu.be/BqxhxDipDU0">https://youtu.be/BqxhxDipDU0</a>
Dr.Kanchana Latha	<a href="#">applications of Maxwells eqn</a>	<a href="https://youtu.be/AFvjY- u- XA8">https://youtu.be/AFvjY- u- XA8</a>
Dr.Kanchana Latha	T-S DIAGRAM	<a href="https://youtu.be/6bt0wjnt8k">https://youtu.be/6bt0wjnt8k</a>

Dr.Kanchana Latha	Bonding in crystals	<a href="https://youtu.be/5_utALF7Yxo">https://youtu.be/5_utALF7Yxo</a>
Dr.Kanchana Latha	logic gates	<a href="https://youtu.be/XyjceYw1Vro">https://youtu.be/XyjceYw1Vro</a>
Dr.Kanchana Latha	semi conductors	<a href="https://youtu.be/39KvChze180">https://youtu.be/39KvChze180</a>
Dr.Kanchana Latha	Hall effect	<a href="https://youtu.be/UscyeP5nrHc">https://youtu.be/UscyeP5nrHc</a>
Dr.Kanchana Latha	Nuclear detector	<a href="https://youtu.be/JhRMygu9ZqY">https://youtu.be/JhRMygu9ZqY</a>
Dr.Kanchana Latha	alpha decay	<a href="https://youtu.be/-R7Y9_OZJfo">https://youtu.be/-R7Y9_OZJfo</a>
Dr.Kanchana Latha	shell model	<a href="https://youtu.be/WPaQyxNZWQY">https://youtu.be/WPaQyxNZWQY</a>
Dr.Kanchana Latha	ATOMIC PACKING FRACTION	<a href="https://youtu.be/Be4Zacij2JY">https://youtu.be/Be4Zacij2JY</a>
Dr.Kanchana Latha	LIQUID DROP MODEL	<a href="https://youtu.be/-UWafCYIIN0">https://youtu.be/-UWafCYIIN0</a>
Dr.Kanchana Latha	Nuclear reactions	<a href="https://youtu.be/IP7tA3qRLC0">https://youtu.be/IP7tA3qRLC0</a>

Dr.Kanchana Latha	miller indices	<a href="https://youtu.be/jq6hLF6qIgY">https://youtu.be/jq6hLF6qIgY</a>
Dr.Kanchana Latha	solid state physics-part2	<a href="https://youtu.be/uhuo5RIF4AM">https://youtu.be/uhuo5RIF4AM</a>
Dr.Kanchana Latha	nuclear physics part3	<a href="https://youtu.be/8IQfXp0GjKc">https://youtu.be/8IQfXp0GjKc</a>
Dr.Kanchana Latha	solid state physics-part 1	<a href="https://youtu.be/9BgTpN-Bg6w">https://youtu.be/9BgTpN-Bg6w</a>
Dr.Kanchana Latha	nuclear physics part2	<a href="https://youtu.be/CsI7j7DgFho">https://youtu.be/CsI7j7DgFho</a>
Dr.Kanchana Latha	Thermodynamics,Maxwellsrelations	<a href="https://youtu.be/K6nOXYLO4qE">https://youtu.be/K6nOXYLO4qE</a>
Dr.Kanchana Latha	superconductivity-2	<a href="https://youtu.be/oP0_DZN8jzo">https://youtu.be/oP0_DZN8jzo</a>
Dr.Kanchana Latha	<a href="https://youtu.be/GclOme63dkI">Super conductivity I</a>	<a href="https://youtu.be/GclOme63dkI">https://youtu.be/GclOme63dkI</a>
N. Anitha	Lasers	<a href="https://youtu.be/6riyoRJCLbs">https://youtu.be/6riyoRJCLbs</a>
N. Anitha	Lasers	<a href="https://drive.google.com/file/d/1FtvAiB3rGRtX9DckXtythhEMlzUO--jz/view?usp=drivesdk">https://drive.google.com/file/d/1FtvAiB3rGRtX9DckXtythhEMlzUO--jz/view?usp=drivesdk</a>

N. Anitha	Working principle of Ruby Laser	<a href="https://youtu.be/vBQatK4ANb4">https://youtu.be/vBQatK4ANb4</a>
N. Anitha	Working principle of He-Ne Laser	<a href="https://drive.google.com/file/d/1kbOtSApmEU6qFSrNtTp3oJIDUDiKcejG/view?usp=sharing">https://drive.google.com/file/d/1kbOtSApmEU6qFSrNtTp3oJIDUDiKcejG/view?usp=sharing</a>
N. Anitha	Super conductors	<a href="https://youtu.be/CP_3ttXPC60">https://youtu.be/CP_3ttXPC60</a>
N. Anitha	Solid state physics	<a href="https://youtu.be/YJwzj5GBR-Y">https://youtu.be/YJwzj5GBR-Y</a>
N. Anitha	Solid state physics	<a href="https://youtu.be/oVtlxvTHosM">https://youtu.be/oVtlxvTHosM</a>
N. Anitha	X Ray diffraction	<a href="https://youtu.be/uobeIUhx0rY">https://youtu.be/uobeIUhx0rY</a>
N. Anitha	Newton's Rings Experiment	<a href="https://drive.google.com/file/d/1LNt_e1B6zjqEhDiWmPTY-CqC_NSTe0lT/view?usp=sharing">https://drive.google.com/file/d/1LNt_e1B6zjqEhDiWmPTY-CqC_NSTe0lT/view?usp=sharing</a>
N. Anitha	Lloyds Mirror, colours in Thin films and Diff between Biprism and Lloyds Mirror	<a href="https://youtu.be/rOghfV0xMYc">https://youtu.be/rOghfV0xMYc</a>
N. Anitha	Thickness of a thin films using wedge method	<a href="https://youtu.be/KEIz3mSnC3Y">https://youtu.be/KEIz3mSnC3Y</a>
N. Anitha	Cosine law in reflected light and phase change due to reflection of light from the surface of a denser	<a href="https://youtu.be/INCxAHkBvws">https://youtu.be/INCxAHkBvws</a>

N. Anitha	Michelson Interferometer	<a href="https://youtu.be/NlZyjs282U">https://youtu.be/NlZyjs282U</a>
N. Anitha	Diffraction Introduction class	<a href="https://youtu.be/yOf68FqlHas">https://youtu.be/yOf68FqlHas</a>
N. Anitha	Fraunhofer diffraction due to single slit	<a href="https://drive.google.com/file/d/1GZPfm8rV3SiaN90Zus8zXPYVWw3U9Pfk/view?usp=drivesdk">https://drive.google.com/file/d/1GZPfm8rV3SiaN90Zus8zXPYVWw3U9Pfk/view?usp=drivesdk</a>
N. Anitha	Diffraction at N_slits (Grating)	<a href="https://youtu.be/qTc2rqZrl_4">https://youtu.be/qTc2rqZrl_4</a>
N. Anitha	Zone plate construction and working principle	<a href="https://drive.google.com/file/d/1QIlePAfeBsWi0WxjwGDfrPhgUX4mv4tv/view?usp=sharing">https://drive.google.com/file/d/1QIlePAfeBsWi0WxjwGDfrPhgUX4mv4tv/view?usp=sharing</a>
N. Anitha	Polarization introduction class	<a href="https://drive.google.com/file/d/1-4i23QXVzhxt_YI_rcGmJ_nGc2pQ4YCO/view?usp=drivesdk">https://drive.google.com/file/d/1-4i23QXVzhxt_YI_rcGmJ_nGc2pQ4YCO/view?usp=drivesdk</a>
N. Anitha	Nicol Prism Construction and Applications	<a href="https://drive.google.com/file/d/1-JgKjlf-ofZRZ5i_KukU7byy8ZLqX8Ad/view?usp=drivesdk">https://drive.google.com/file/d/1-JgKjlf-ofZRZ5i_KukU7byy8ZLqX8Ad/view?usp=drivesdk</a>
N. Anitha	Working principle of Babinet compensator and Half & Quarter wave' plates	<a href="https://drive.google.com/file/d/1-PavUbKhCX3-d0lnnFX7Wh-OB2L6RoCa/view?usp=drivesdk">https://drive.google.com/file/d/1-PavUbKhCX3-d0lnnFX7Wh-OB2L6RoCa/view?usp=drivesdk</a>
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<a href="#">Dr.Ch.Kanchana Latha</a>	- superconductivity final	<a href="https://youtu.be/epzFTXW-zVY">https://youtu.be/epzFTXW-zVY</a>

<a href="#">Dr.Ch.Kanchana Latha</a>	- Introduction to network theorems part1 of2	<a href="https://youtu.be/lcZldLVT3zU">https://youtu.be/lcZldLVT3zU</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	<a href="#">Network theorem</a>	<a href="https://youtu.be/iAg33XxNnME">https://youtu.be/iAg33XxNnME</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	X-Ray diffraction	<a href="https://youtu.be/U3D93ADlyBk">https://youtu.be/U3D93ADlyBk</a>
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N. Anitha	Lasers	<a href="https://youtu.be/6riyoRJCLbs">https://youtu.be/6riyoRJCLbs</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	• Digitalectronics	<a href="https://youtu.be/D4YtoVzqZNU">https://youtu.be/D4YtoVzqZNU</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	Digital addition and subtraction	<a href="https://youtu.be/c7sggZgyBFQ">https://youtu.be/c7sggZgyBFQ</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	Basics of Electrostatics	<a href="https://youtu.be/YhRqcKgJoog">https://youtu.be/YhRqcKgJoog</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	change of entropy	<a href="https://youtu.be/BqhxhDipDU0">https://youtu.be/BqhxhDipDU0</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	<a href="#">applications of Maxwells eqn</a>	<a href="https://youtu.be/AFvjY-_u_XA8">https://youtu.be/AFvjY-_u_XA8</a>
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<a href="#">Dr.Ch.Kanchana Latha</a>	milller indices	<a href="https://youtu.be/jq6hLF6qlgY">https://youtu.be/jq6hLF6qlgY</a>

<a href="#">Dr.Ch.Kanchana Latha</a>	solid state physics-part2	<a href="https://youtu.be/uhuo5RIF4AM">https://youtu.be/uhuo5RIF4AM</a>
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<a href="#">Dr.Ch.Kanchana Latha</a>	superconductivity-2	<a href="https://youtu.be/oP0_DZN8jzo">https://youtu.be/oP0_DZN8jzo</a>
<a href="#">Dr.Ch.Kanchana Latha</a>	<a href="#">Super conductivity I</a>	<a href="https://youtu.be/GclOme63dkl">https://youtu.be/GclOme63dkl</a>