

There are given NPTEL link & youtube playlist link below. Each youtube playlist link contain 30 to 60 video on a full subject and belong different youtube channel. All Video lecture are delivered by IIT'S Professor for **B.Sc. & M.Sc. Physics** under the NPTEL projct. NPTEL is an acronym for National Programme on Technology Enhanced Learning which is an initiative by seven Indian Institutes of Technology and Indian Institute of Science (IISc) for creating course contents in engineering and science. All NPTEL link & youtube playlist link collected by MP CSIR NET PHYSICS Team. **CLICK BELOW & WATCH VIDEO LECTURE**

<https://mpcsirnetphysics.com/>

### Mathematical method of Physics

NAME OF SUBJECT WITH NPTEL LINK	YOUTUBE PLAYLIST LINK	LECTURE DELIVERED	INSTITUTE
Selected Topics in Mathematical Physics	<a href="https://www.youtube.com/watch?v=b5VUnapu-qs&amp;list=PLbMVogVj5nJRhl_6TUGChpnt2Lg0AZvZu">https://www.youtube.com/watch?v=b5VUnapu-qs&amp;list=PLbMVogVj5nJRhl_6TUGChpnt2Lg0AZvZu</a>	Prof. V. Balakrishnan	IIT Madras
NOC:Theory of groups for physics applications	<a href="https://www.youtube.com/watch?v=jO-gTF1N6Gk&amp;list=PLoZRYVm0a65dCfHkSba2BeOreppzcfpgv">https://www.youtube.com/watch?v=jO-gTF1N6Gk&amp;list=PLoZRYVm0a65dCfHkSba2BeOreppzcfpgv</a>	Prof. Urjit A. Yajnik	IIT Bombay
NOC:Group Theory methods in Physics	<a href="https://www.youtube.com/watch?v=nzmJb7KITxc&amp;list=PLoZRYVm0a65dGef0BEA_CWbVCO6BtMZhE">https://www.youtube.com/watch?v=nzmJb7KITxc&amp;list=PLoZRYVm0a65dGef0BEA_CWbVCO6BtMZhE</a>	Prof. Ramadevi	IIT Bombay
NOC:Mathematics methods in Physics-I	<a href="https://www.youtube.com/watch?v=ew3vYplaM7Y&amp;list=PLDZKFoLcAWeVBBK-kXa4HLxhChl-kH3q4">https://www.youtube.com/watch?v=ew3vYplaM7Y&amp;list=PLDZKFoLcAWeVBBK-kXa4HLxhChl-kH3q4</a>	Prof. Samudra Roy	IIT Kharagpur
ENGINEERING PHYSICS	<a href="https://www.youtube.com/watch?v=f1VzKB4bBQ&amp;list=PLbMVogVj5nJQgjnHCN9L4QKINYOQomSod">https://www.youtube.com/watch?v=f1VzKB4bBQ&amp;list=PLbMVogVj5nJQgjnHCN9L4QKINYOQomSod</a>	Dr. M.K. Srivastava	IIT Roorkee
Mathematics -Elementary Numerical Analysis	<a href="https://www.youtube.com/watch?v=6iYsO0NJMiA&amp;list=PLbMVogVj5nJTtsC5V9n452YKc4mJAhrmm">https://www.youtube.com/watch?v=6iYsO0NJMiA&amp;list=PLbMVogVj5nJTtsC5V9n452YKc4mJAhrmm</a>	Prof. Rekha P. Kulkarni	IIT Bombay
NUMERICAL METHOD-I	<a href="https://www.youtube.com/watch?v=zjyR9e-N1D4&amp;list=PLCA944605A8EDE42A">https://www.youtube.com/watch?v=zjyR9e-N1D4&amp;list=PLCA944605A8EDE42A</a>	Prof. P.B Sunil Kumar	IIT Madras
NUMERICAL METHOD-II	<a href="https://www.youtube.com/watch?v=88ys5ZlOlSg&amp;list=PL6E313980EF23CA6E">https://www.youtube.com/watch?v=88ys5ZlOlSg&amp;list=PL6E313980EF23CA6E</a>	Prof. P.B Sunil Kumar	IIT Madras
Physical Applications of Stochastic Processes	<a href="https://www.youtube.com/watch?v=6x1pL9Yov1k&amp;list=PLbMVogVj5nJQo8D9D-D6lMqh4FJbPeE_f">https://www.youtube.com/watch?v=6x1pL9Yov1k&amp;list=PLbMVogVj5nJQo8D9D-D6lMqh4FJbPeE_f</a>	Prof. V. Balakrishnan	IIT Madras
Core - Numerical Methods and Computation	<a href="https://www.youtube.com/watch?v=88ys5ZlOlSg&amp;list=PL6E313980EF23CA6E">https://www.youtube.com/watch?v=88ys5ZlOlSg&amp;list=PL6E313980EF23CA6E</a>	Prof. S.R.K. Iyengar	IIT Delhi
Engineering Mathematics II	<a href="https://www.youtube.com/watch?v=ZLbnIdA-h0s&amp;list=PLbRMhDVUMnge3mm2QvqXM3gHwx0Mt7W8S">https://www.youtube.com/watch?v=ZLbnIdA-h0s&amp;list=PLbRMhDVUMnge3mm2QvqXM3gHwx0Mt7W8S</a>	Prof. Jitendra Kumar	IIT Kharagpur
Mathematics - Probability and statistics	<a href="https://www.youtube.com/watch?v=VVYLpmKRfQ8&amp;list=PLbMVogVj5nJQrzbAweTVvnH6-vG5A4aN5">https://www.youtube.com/watch?v=VVYLpmKRfQ8&amp;list=PLbMVogVj5nJQrzbAweTVvnH6-vG5A4aN5</a>	Dr. Somesh Kumar	IIT Kharagpur
Engineering Mathematics I	<a href="https://www.youtube.com/watch?v=4QFsiXfgebzM&amp;list=PLbRMhDVUMngeVrxtbBz-n8HvP8KAWBpI5">https://www.youtube.com/watch?v=4QFsiXfgebzM&amp;list=PLbRMhDVUMngeVrxtbBz-n8HvP8KAWBpI5</a>	Prof. Jitendra Kumar	IIT Kharagpur
NOC:Numerical Methods And Simulation Techniques For Scientists And Engineers	<a href="https://www.youtube.com/watch?v=1GvcLsaXMjo&amp;list=PLwdnzlV3ogoUY43XoMwVVCWDSImC9mVOB">https://www.youtube.com/watch?v=1GvcLsaXMjo&amp;list=PLwdnzlV3ogoUY43XoMwVVCWDSImC9mVOB</a>	Dr. Saurabh Basu	IIT Guwahati

### Classical Mechanics

Topics in Nonlinear Dynamics	<a href="https://www.youtube.com/watch?v=SjTfNFso4mE&amp;list=PLbMVogVj5nJQqNx0EISk3lp04Ofg7B22W">https://www.youtube.com/watch?v=SjTfNFso4mE&amp;list=PLbMVogVj5nJQqNx0EISk3lp04Ofg7B22W</a>	Prof. V. Balakrishnan	IIT Madras
Special/Select Topics in Classical Mechanics	<a href="https://www.youtube.com/watch?v=-I3-Eb_i3w&amp;list=PLB368471AD70B8A6B">https://www.youtube.com/watch?v=-I3-Eb_i3w&amp;list=PLB368471AD70B8A6B</a>	Prof. P.C. Deshmukh	IIT Madras
Special Theory of Relativity	<a href="https://www.youtube.com/watch?v=49vEaNa1XKo&amp;list=PLbMVogVj5nJQInU_xlAdGS2220biQma1x">https://www.youtube.com/watch?v=49vEaNa1XKo&amp;list=PLbMVogVj5nJQInU_xlAdGS2220biQma1x</a>	Prof. Shiva Prasad	IIT Bombay
Classical Field Theory	<a href="https://www.youtube.com/watch?v=fjJsX4ektBA&amp;list=PLbMVogVj5nJRYLTwyuusiiFchFU-WvEIW">https://www.youtube.com/watch?v=fjJsX4ektBA&amp;list=PLbMVogVj5nJRYLTwyuusiiFchFU-WvEIW</a>	Prof. Suresh Govindarajan	IIT Madras

<a href="#">Theoretical Mechanics</a>	<a href="https://www.youtube.com/watch?v=XMQjOr1EpgE&amp;list=P LwdnzIV3ogoXUbQmP-T2gPhYXeEcXp6U8">https://www.youtube.com/watch?v=XMQjOr1EpgE&amp;list=P LwdnzIV3ogoXUbQmP-T2gPhYXeEcXp6U8</a>	Prof. Charudatt kadolkar	IIT Guwahati
Core- Classical physics	<a href="https://www.youtube.com/watch?v=Q6Gw08pwhws&amp;list=P L5E4E56893588CBA8">https://www.youtube.com/watch?v=Q6Gw08pwhws&amp;list=P L5E4E56893588CBA8</a>	Prof. V. Balakrishnan	IIT Madras
NOC:Engineering Mechanics	<a href="https://www.youtube.com/playlist?list=UUMT4rd-YKvyDzP-YUhyGdZg&amp;playnext=1&amp;index=1">https://www.youtube.com/playlist?list=UUMT4rd-YKvyDzP-YUhyGdZg&amp;playnext=1&amp;index=1</a>	Prof. Manoj K Harbola	IIT Kanpur
NOC:Classical mechanics: from newtonian to lagrangian formulation	<a href="https://www.youtube.com/watch?v=s2RmqPlfETc&amp;list=PLQ D2hFuUoZro6tM-LqiRpAmcBD3_8bK0Q">https://www.youtube.com/watch?v=s2RmqPlfETc&amp;list=PLQ D2hFuUoZro6tM-LqiRpAmcBD3_8bK0Q</a>	Prof. Debamalya Banerjee	IIT Kharagpur
<b>Electromagnetic theory</b>			
Electromagnetic Theory	<a href="https://www.youtube.com/watch?v=NED2Cl8u9Q0&amp;list=PL bMVogVj5nJSKsAIDEbNwKZY6zD0EbGMF">https://www.youtube.com/watch?v=NED2Cl8u9Q0&amp;list=PL bMVogVj5nJSKsAIDEbNwKZY6zD0EbGMF</a>	Prof. D.K. Ghosh	IIT Bombay
Electromagnetic Theory	<a href="https://www.youtube.com/watch?v=pGdr9WLto4A&amp;list=PL l6m4jcR_DbOx6s2toprJQx1MORqPa9rG">https://www.youtube.com/watch?v=pGdr9WLto4A&amp;list=PL l6m4jcR_DbOx6s2toprJQx1MORqPa9rG</a>	Dr. Harishankar Ramachandran	IIT Madras
Electromagnetic theory	<a href="https://www.youtube.com/watch?v=G5P6dInMTFg&amp;list=PL uv3GM6-gsE3-hVNaw-YEb7EeY5XVPZdz">https://www.youtube.com/watch?v=G5P6dInMTFg&amp;list=PL uv3GM6-gsE3-hVNaw-YEb7EeY5XVPZdz</a>	Prof. Pradeep kumar K	IIT Kanpur
Transmission Lines and EM Waves	<a href="https://www.youtube.com/watch?v=0OwmYAljz4A&amp;list=P L0925FD10648D664E">https://www.youtube.com/watch?v=0OwmYAljz4A&amp;list=P L0925FD10648D664E</a>	Pro. C. Deep	IIT Bombay
<a href="#">Electromagnetism</a>	<a href="https://www.youtube.com/watch?v=OrOOiKCLGew&amp;list=P LVSQuGLY5vH1IUT0Y6lPkpZWYGFBAxz0r">https://www.youtube.com/watch?v=OrOOiKCLGew&amp;list=P LVSQuGLY5vH1IUT0Y6lPkpZWYGFBAxz0r</a>	Dr. Nirmal Ganguli	IISER Bhopal
NOC:Introduction to Electromagnetic Theory	<a href="https://www.youtube.com/playlist?list=UUpjMOBurUQFPQ7QEuWNCnmw&amp;playnext=1&amp;index=1">https://www.youtube.com/playlist?list=UUpjMOBurUQFPQ7QEuWNCnmw&amp;playnext=1&amp;index=1</a>	Prof. Manoj K Harbola	IIT Kanpur
<b>Quantum Mechanics</b>			
Quantum Electronics	<a href="https://www.youtube.com/watch?v=3yUmKxjhz6I&amp;list=PL6 41752BF0D96C2A6">https://www.youtube.com/watch?v=3yUmKxjhz6I&amp;list=PL6 41752BF0D96C2A6</a>	Prof. K. Thyagarajan	IIT Delhi
Relativistic Quantum Mechanics	<a href="https://www.youtube.com/watch?v=77A9xWz_ugo&amp;list=PL bMVogVj5nJTDmHThY9xu2Tvg0u1RPuxO">https://www.youtube.com/watch?v=77A9xWz_ugo&amp;list=PL bMVogVj5nJTDmHThY9xu2Tvg0u1RPuxO</a>	Prof. Apoorva D Patel	IISc Bangalore
NOC:Advanced Quantum Mechanics with Applications	<a href="https://www.youtube.com/watch?v=iW-k3Hphbh4&amp;list=PLwdnzIV3ogoUfI5wrKOiYVTTdFArifi">https://www.youtube.com/watch?v=iW-k3Hphbh4&amp;list=PLwdnzIV3ogoUfI5wrKOiYVTTdFArifi</a>	Dr. Saurabh Basu	IIT Guwahati
Quantum Mechanics and Applications	<a href="https://www.youtube.com/watch?v=AN8hrl7q3m0&amp;list=PL bMVogVj5nJSkpUzNjD9D-QVHeRtBT2fv">https://www.youtube.com/watch?v=AN8hrl7q3m0&amp;list=PL bMVogVj5nJSkpUzNjD9D-QVHeRtBT2fv</a>	Prof. Ajoy Ghatak	IIT Delhi
Quantum Mechanics I	<a href="https://www.youtube.com/watch?v=pGerRhxNQJE&amp;list=PL bMVogVj5nJTXGlgqyzpUqozrU55oRX-H">https://www.youtube.com/watch?v=pGerRhxNQJE&amp;list=PL bMVogVj5nJTXGlgqyzpUqozrU55oRX-H</a>	Prof. S. Lakshmi Bala	IIT Madras
Quantum Field Theory	<a href="https://www.youtube.com/watch?v=IGHvf9BwkDY&amp;list=PL bMVogVj5nJQ3slQodXQ5cSEtcp4HbNfc">https://www.youtube.com/watch?v=IGHvf9BwkDY&amp;list=PL bMVogVj5nJQ3slQodXQ5cSEtcp4HbNfc</a>	Dr. Prasanta Tripathy	IIT Madras
Quantum mechanics	<a href="https://www.youtube.com/watch?v=AEedn_NiWN0&amp;list=P LQzRYVm0a65el7XWKqjwo3h-pDLJSWmwb">https://www.youtube.com/watch?v=AEedn_NiWN0&amp;list=P LQzRYVm0a65el7XWKqjwo3h-pDLJSWmwb</a>	Prof. P. Ramadevi	IIT Bombay
Quantum mechanics	<a href="https://www.youtube.com/watch?v=TcmGYe39XG0&amp;list=P L0F530F3BAF8C6FCC">https://www.youtube.com/watch?v=TcmGYe39XG0&amp;list=P L0F530F3BAF8C6FCC</a>	Prof. V. Balakrishnan	IIT Madras
Quantum Electronics	<a href="https://www.youtube.com/watch?v=3yUmKxjhz6I&amp;list=PL6 41752BF0D96C2A6">https://www.youtube.com/watch?v=3yUmKxjhz6I&amp;list=PL6 41752BF0D96C2A6</a>	Prof. K. Thyagarajan	IIT Delhi
QUANTUM MECHANICS	<a href="https://www.youtube.com/watch?v=JFWuAQRZPiQ&amp;list=PL WweJWdB_GulSnGkAafMpzzDBvTHg02At">https://www.youtube.com/watch?v=JFWuAQRZPiQ&amp;list=PL WweJWdB_GulSnGkAafMpzzDBvTHg02At</a>	Prof. H.C. Verma	IIT Kanpur
NOC:Introductory Quantum Mechanics	<a href="https://www.youtube.com/watch?v=fn85jYHNksw&amp;list=PLZ zZEYRnUYiAhxS2p_VphEO6MXk-Rz9NF">https://www.youtube.com/watch?v=fn85jYHNksw&amp;list=PLZ zZEYRnUYiAhxS2p_VphEO6MXk-Rz9NF</a>	Prof. Manoj K Harbola	IIT Kanpur
<b>Statistical Mechanics</b>			
Thermodynamics	<a href="https://www.youtube.com/watch?v=WgAaVHWEj3w&amp;list=P Lp6ek2hDcoNDSxcDCCoOb0BEgV0KlwWVZ">https://www.youtube.com/watch?v=WgAaVHWEj3w&amp;list=P Lp6ek2hDcoNDSxcDCCoOb0BEgV0KlwWVZ</a>	Prof. S.R. Kale	IIT Delhi
Thermodynamics: Classical to statistical	<a href="https://www.youtube.com/watch?v=txOnRP5hwCE&amp;list=PL wdnzIV3ogoX-WIPb5DnmUOAVgl5wrq">https://www.youtube.com/watch?v=txOnRP5hwCE&amp;list=PL wdnzIV3ogoX-WIPb5DnmUOAVgl5wrq</a>	Prof. SANDEEP PAUL	IIT Guwahati

Advanced Thermodynamics	<a href="https://www.youtube.com/watch?v=J_dRoslo998&amp;list=PLwdnzIV3ogoU8iUrmyM6mmgQJQuqD_FW">https://www.youtube.com/watch?v=J_dRoslo998&amp;list=PLwdnzIV3ogoU8iUrmyM6mmgQJQuqD_FW</a>	Prof. Nanda Kishore	IIT Guwahati
NOC:Statistical Mechanics	<a href="https://www.youtube.com/watch?v=8xRFqrNyJCG&amp;list=PLyqSpQzTE6M9iXvWVCopr67kKt61ntzII">https://www.youtube.com/watch?v=8xRFqrNyJCG&amp;list=PLyqSpQzTE6M9iXvWVCopr67kKt61ntzII</a>	Prof. Ashwin Joy	IIT Madras
Nonequilibrium Statistical Mechanics	<a href="https://www.youtube.com/watch?v=SjTFNFso4mE&amp;list=PLbMVogVj5nJQqNx0EISk3Ip04Ofg7B22W">https://www.youtube.com/watch?v=SjTFNFso4mE&amp;list=PLbMVogVj5nJQqNx0EISk3Ip04Ofg7B22W</a>	Prof. V. Balakrishnan	IIT Madras
NOC:Introduction To Statistical Mechanics	<a href="https://www.youtube.com/watch?v=iud7fzXPJUs&amp;list=PLwdnzIV3ogoXkmllyZceK111IMjCgS-b7">https://www.youtube.com/watch?v=iud7fzXPJUs&amp;list=PLwdnzIV3ogoXkmllyZceK111IMjCgS-b7</a>	Prof. Girish S. Setlur	IIT Guwahati
<b>Electronics</b>			
Electronics	<a href="https://www.youtube.com/watch?v=g7vYop_46tU&amp;list=PL708EEA8184EA8F53">https://www.youtube.com/watch?v=g7vYop_46tU&amp;list=PL708EEA8184EA8F53</a>	Prof. D.C. Dube	IIT Delhi
NOC:Experimental Physics I	<a href="https://www.youtube.com/watch?v=m6E1NN4A-9s&amp;list=PLbRMhDVUMngcHCX4U7syOHOMnMW7f3Z2g">https://www.youtube.com/watch?v=m6E1NN4A-9s&amp;list=PLbRMhDVUMngcHCX4U7syOHOMnMW7f3Z2g</a>	Prof. Amal Kumar Das	IIT Kharagpur
NOC:Experimental Physics - II	<a href="https://www.youtube.com/watch?v=q50l5vSe1o&amp;list=PLbRMhDVUMngcntq74GxOclINQGDyApYLX">https://www.youtube.com/watch?v=q50l5vSe1o&amp;list=PLbRMhDVUMngcntq74GxOclINQGDyApYLX</a>	Prof. Amal Kumar Das	IIT Kharagpur
NOC:Experimental Physics III	<a href="https://www.youtube.com/watch?v=xa2Q5AuBsmY&amp;list=PLbRMhDVUMngfi3i7kQA5UMiCKqPI_pc8d">https://www.youtube.com/watch?v=xa2Q5AuBsmY&amp;list=PLbRMhDVUMngfi3i7kQA5UMiCKqPI_pc8d</a>	Prof. Amal Kumar Das	IIT Kharagpur
Semiconductor Optoelectronics	<a href="https://www.youtube.com/watch?v=N01BYteinzE&amp;list=PLbMVogVj5nJSvhvcBfT3e6HFFuhq2xqz">https://www.youtube.com/watch?v=N01BYteinzE&amp;list=PLbMVogVj5nJSvhvcBfT3e6HFFuhq2xqz</a>	Prof. M. R. Shenoy	IIT Delhi
NOC:Optical Sensors	<a href="https://www.youtube.com/watch?v=hsGHQURfss&amp;list=PLly_2iUCG87DLpZxM4GgNT3IJOXfxK_rM">https://www.youtube.com/watch?v=hsGHQURfss&amp;list=PLly_2iUCG87DLpZxM4GgNT3IJOXfxK_rM</a>	Prof. Sachin Kumar Srivastava	IIT Roorkee
Electronics - Digital Circuits and System	<a href="https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C">https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C</a>	Prof. S. Srinivasan	IIT Madras
Electrical- introduction to electronic circuits	<a href="https://www.youtube.com/watch?v=wE8WI2ZOG3c&amp;list=PLbMVogVj5nJSNqjPsqYnPFfroE1coxysA">https://www.youtube.com/watch?v=wE8WI2ZOG3c&amp;list=PLbMVogVj5nJSNqjPsqYnPFfroE1coxysA</a>	Dr. S.C. Dutta Roy	IIT Delhi
Electrical-Anlog Electronic Circuits	<a href="https://www.youtube.com/watch?v=Xr3KPWxexsk&amp;list=PLbMVogVj5nJTztx8sPWY6J0c00DLRIsdK">https://www.youtube.com/watch?v=Xr3KPWxexsk&amp;list=PLbMVogVj5nJTztx8sPWY6J0c00DLRIsdK</a>	Dr. Pradip mandal	IIT Kharagpur
Digital Electronic Circuits	<a href="https://www.youtube.com/watch?v=oNh6V91zdPY&amp;list=PLbRMhDVUMnge4gDT0vBWjCb3Lz0HnYKkX">https://www.youtube.com/watch?v=oNh6V91zdPY&amp;list=PLbRMhDVUMnge4gDT0vBWjCb3Lz0HnYKkX</a>	Prof. Guatam Saha	IIT Kharagpur
Electronics - Solid State Devices	<a href="https://www.youtube.com/watch?v=Kp-jS6NHsB8&amp;list=PLF178600D851B098F">https://www.youtube.com/watch?v=Kp-jS6NHsB8&amp;list=PLF178600D851B098F</a>	Dr. S. Karmalkar	IIT Madras
Fundamentals of semiconductor devices	<a href="https://www.youtube.com/watch?v=hOY9jDKqScQ&amp;list=PLgMDNELGJ1CaNcuuQv9xN07ZWkXE-wCGP">https://www.youtube.com/watch?v=hOY9jDKqScQ&amp;list=PLgMDNELGJ1CaNcuuQv9xN07ZWkXE-wCGP</a>	Prof. Digbijoy N. Nath	IISc Bangalore
<b>Atomic and Molecular Physics</b>			
NOC:Atomic and Molecular Physics	<a href="https://www.youtube.com/watch?v=SCmtEhGVhSM&amp;list=PLupNYX6-k9ggRRmDqV9hxY1p4dC-QGrg7">https://www.youtube.com/watch?v=SCmtEhGVhSM&amp;list=PLupNYX6-k9ggRRmDqV9hxY1p4dC-QGrg7</a>	Prof. Amal Kumar Das	IIT Kharagpur
Special/Select Topics in Atomic Physics	<a href="https://www.youtube.com/watch?v=0zDZqjqGtl4&amp;list=PLbMVogVj5nJQAcTv17ETSh5-GNDbAo6BM">https://www.youtube.com/watch?v=0zDZqjqGtl4&amp;list=PLbMVogVj5nJQAcTv17ETSh5-GNDbAo6BM</a>	Prof. P.C. Deshmukh	IIT Madras
<b>Solid State Physics</b>			
NOC:Electronic Theory of Solids	<a href="https://www.youtube.com/watch?v=7LL2_qTuiNU&amp;list=PLbRMhDVUMnge2V2zEs9GvgAATonkSIK59">https://www.youtube.com/watch?v=7LL2_qTuiNU&amp;list=PLbRMhDVUMnge2V2zEs9GvgAATonkSIK59</a>	Prof. Arghya Taraphder	IIT Kharagpur
Condensed Matter Physics	<a href="https://www.youtube.com/watch?v=Ckh-60B6LY&amp;list=PLbMVogVj5nJRlRxp3kMtrIO8kZl1D1Jp">https://www.youtube.com/watch?v=Ckh-60B6LY&amp;list=PLbMVogVj5nJRlRxp3kMtrIO8kZl1D1Jp</a>	Prof. G. Rangarajan	IIT Madras
NOC:Solid state physics	<a href="https://www.youtube.com/watch?v=Ofzd2ZqFvjo&amp;list=PLADLRin7kNjG1Dlna9MDA53CMKFHPSi9m">https://www.youtube.com/watch?v=Ofzd2ZqFvjo&amp;list=PLADLRin7kNjG1Dlna9MDA53CMKFHPSi9m</a>	Prof. Amal Kumar Das	IIT Kharagpur
NOC:Introduction to Solid State Physics	<a href="https://www.youtube.com/watch?v=xTNkpm2bZc&amp;list=PLFW6IRTa1g83HGEihgwcY7KeTLUuBu3WF">https://www.youtube.com/watch?v=xTNkpm2bZc&amp;list=PLFW6IRTa1g83HGEihgwcY7KeTLUuBu3WF</a>	Prof. Satyajit Banerjee, Prof. Manoj K Harbola	IIT Kanpur

NOC:Advanced Condensed Matter Physics	<a href="https://www.youtube.com/watch?v=4WC_5soO-Oc&amp;list=PLm16ZBDe3VUwI49j-g390BCzfC1LXk0xg">https://www.youtube.com/watch?v=4WC_5soO-Oc&amp;list=PLm16ZBDe3VUwI49j-g390BCzfC1LXk0xg</a>	Dr. Saurabh Basu	IIT Guwahati
NOC:A brief course on Superconductivity	<a href="https://www.youtube.com/watch?v=SHoGV-sezNI&amp;list=PLwdnzIV3ogoU1ivWa-5u9iGVimN2uT3h">https://www.youtube.com/watch?v=SHoGV-sezNI&amp;list=PLwdnzIV3ogoU1ivWa-5u9iGVimN2uT3h</a>	Dr. Saurabh Basu	IIT Guwahati
<b>Nuclear and Particle Physics</b>			
NOC:Nuclear and Particle Physics	<a href="https://www.youtube.com/watch?v=H7OipY8RzX0&amp;list=PL0b6maW-5d1fvnUXykaaD0JPjEB0pTDF9">https://www.youtube.com/watch?v=H7OipY8RzX0&amp;list=PL0b6maW-5d1fvnUXykaaD0JPjEB0pTDF9</a>	Dr. P. Poulouse	IIT Guwahati
Nuclear Physics: Fundamentals and Applications	<a href="https://www.youtube.com/watch?v=josqjch79PE&amp;list=PLbMVogVj5nJRvq-w3zway7k3GzmUDte3a">https://www.youtube.com/watch?v=josqjch79PE&amp;list=PLbMVogVj5nJRvq-w3zway7k3GzmUDte3a</a>	Prof. H.C. Verma	IIT Kanpur
NOC:Physics of Biological Systems	<a href="https://www.youtube.com/watch?v=A-RI45pjjHo&amp;list=PLOzRYVm0a65f8cS3w9fWRiCS9PMPt_tbjW">https://www.youtube.com/watch?v=A-RI45pjjHo&amp;list=PLOzRYVm0a65f8cS3w9fWRiCS9PMPt_tbjW</a>	Prof. Mithun Mitra	IIT Bombay
NUCLEAR REACTORS AND SAFETY- AN INTRODUCTION	<a href="https://www.youtube.com/watch?v=vQ5HrubRYVo&amp;list=PLbMVogVj5nJR6nZje9ewAeZ7lvnoVV1X3">https://www.youtube.com/watch?v=vQ5HrubRYVo&amp;list=PLbMVogVj5nJR6nZje9ewAeZ7lvnoVV1X3</a>	Dr.G.Vaidyanathan	IIT Madras
NOC:Solar Photovoltaics Fundamentals, Technology And Applications	<a href="https://www.youtube.com/watch?v=5zAQot4pKgU&amp;list=PLy_2iUCG87Dxsmc322YcSuNI_KCEbqPI">https://www.youtube.com/watch?v=5zAQot4pKgU&amp;list=PLy_2iUCG87Dxsmc322YcSuNI_KCEbqPI</a>	Prof. Soumitra SataPathi	IIT Roorkee
NOC:Computational Physics	<a href="https://www.youtube.com/watch?v=axnFylcoP5Y&amp;list=PLy_qSpQzTE6M8Lg4pPC2KKutByiFCR9kV0">https://www.youtube.com/watch?v=axnFylcoP5Y&amp;list=PLy_qSpQzTE6M8Lg4pPC2KKutByiFCR9kV0</a>	Prof. Prasenjit Ghosh, Prof. Apratim Chatterji	IIT Madras
<b>Optics</b>			
NOC:Fiber Optics	<a href="https://www.youtube.com/watch?v=9seDKvbaohU&amp;list=PLkyiMrD6Uuz9eK2IZr1rLb3iOnMzsjpV">https://www.youtube.com/watch?v=9seDKvbaohU&amp;list=PLkyiMrD6Uuz9eK2IZr1rLb3iOnMzsjpV</a>	Prof. Vipul Rastogi	IIT Roorkee
NOC:Introduction to Non-linear Optics and its Applications		Prof. Samudra Roy	IIT Kharagpur
<b>Waves Oscillations</b>			
NOC: Mechanics, heat oscillations and waves	<a href="https://www.youtube.com/watch?v=V23NFkO9Q-A&amp;list=PL4NqSBWEKZtesqC_-mp3iuGpX8RQ5P1Ps">https://www.youtube.com/watch?v=V23NFkO9Q-A&amp;list=PL4NqSBWEKZtesqC_-mp3iuGpX8RQ5P1Ps</a>	Prof. V. Balakrishnan	IIT Madras
NOC:Waves and Oscillations	<a href="https://www.youtube.com/watch?v=xoJWoMQwTAw&amp;list=PLyqSpQzTE6M9X7oRXliYM8t0aaR_NOCsd">https://www.youtube.com/watch?v=xoJWoMQwTAw&amp;list=PLyqSpQzTE6M9X7oRXliYM8t0aaR_NOCsd</a>	Prof. M. S. Santhanam	IIT Madras
<b>Plasma Physics: Fundamentals and Applications</b>			
Plasma Physics: Fundamentals and Applications	<a href="https://www.youtube.com/watch?v=wO2HS7hcSb8&amp;list=PLbMVogVj5nJS4KY5UFWBLSu7kMzPbL35T">https://www.youtube.com/watch?v=wO2HS7hcSb8&amp;list=PLbMVogVj5nJS4KY5UFWBLSu7kMzPbL35T</a>	Prof. Vijayshri, Prof. V.K. Tripathi	IIT Delhi
<b>Others</b>			
Astrophysics & Cosmology	<a href="https://www.youtube.com/watch?v=vDv3iSMdYyc&amp;list=PLXHedl-xbyr8cxGLOUoy-m-1QX_slzaRF">https://www.youtube.com/watch?v=vDv3iSMdYyc&amp;list=PLXHedl-xbyr8cxGLOUoy-m-1QX_slzaRF</a>	Prof. S. Bharadwaj	IIT Kharagpur
NOC:Physics of Turbulence	<a href="https://www.youtube.com/watch?v=T1b0ziYCsAM&amp;list=PLFW6IRTa1g82j4KbsewjXTh7I5foZ8iKa">https://www.youtube.com/watch?v=T1b0ziYCsAM&amp;list=PLFW6IRTa1g82j4KbsewjXTh7I5foZ8iKa</a>	Prof. Mahendra Verma	IIT Kanpur
NOC:Introduction_to_Atmospheric and Space Sciences	<a href="https://www.youtube.com/watch?v=9YOhWw5at6A&amp;list=PLly_2iUCG87C37ThJ4x4VgwDkMLupSBFy">https://www.youtube.com/watch?v=9YOhWw5at6A&amp;list=PLly_2iUCG87C37ThJ4x4VgwDkMLupSBFy</a>	Prof. M V Sunil Krishna	IIT Roorkee
<a href="https://mpcsirnetphysics.com/">https://mpcsirnetphysics.com/</a>			