



II YEAR VIDEO LECTURE LINKS

DYNAMICS OF MACHINERY.

- https://swayam.gov.in/nd1_noc19_ae09/preview
- <https://nptel.ac.in/courses/112104114/>
- <https://www.coursera.org/learn/dynamics>
- <https://www.coursera.org/learn/motion-and-kinetics>
- <https://www.edx.org/course/dynamics-2>
- <https://ocw.mit.edu/courses/mechanical-engineering/2-003sc-engineering-dynamics-fall-2011/>
- <https://www.swayamprabha.gov.in/index.php/program/current/17>
- <https://www.youtube.com/watch?v=FydJu1A1oeM>
- <https://nptel.ac.in/courses/112104114/>
- <https://www.youtube.com/watch?v=fEdz91oWrts&list=PL46AAEDA6ABAFCA78&index=3>
- <https://www.youtube.com/watch?v=oVaEe-L4QGA>
- <https://www.youtube.com/watch?v=YhduErWjg-M>
- <https://www.youtube.com/watch?v=WCXgFmgbLvA>
- <https://www.youtube.com/watch?v=vosEgTUUxj8>
- <https://www.youtube.com/watch?v=ZldkigrDplc>
- <https://www.youtube.com/watch?v=swgvKwyOnYk>
- <https://nptel.ac.in/courses/112104114/>
- <https://youtu.be/aRulDXMuNDc>
- <https://youtu.be/HKVvJWArgg8>
- <https://youtu.be/CI9xMNvTLFI>
- <https://youtu.be/jUE8cJDyJvU>
- <https://youtu.be/DkqS6e72d-Y>
- <https://youtu.be/DTUE-kQGDhw>
- <https://youtu.be/GPDZ4izcS2M>
- <https://youtu.be/OlZXxPVpmBs>
- <https://youtu.be/AchBiFAEeLo>
- <https://youtu.be/dXsQslmyxf4>

STRENGTH OF MATERIALS:

- https://swayam.gov.in/nd1_noc19_me43/preview
- <https://nptel.ac.in/courses/112102284/>
- <https://www.youtube.com/watch?v=A1SWKe6ZwVc&list=PL521D094C8752CE67>
- <https://www.youtube.com/watch?v=A1SWKe6ZwVc&list=PL521D094C8752CE67&index=1>
- <https://www.youtube.com/watch?v=lpMZNpWjsk4&list=PL521D094C8752CE67&index=2>
- <https://www.youtube.com/watch?v=51iDIC9ZgOk&list=PL521D094C8752CE67&index=3>
- <https://www.youtube.com/watch?v=acTLYnLmv4o&list=PL521D094C8752CE67&index=5>
- <https://www.youtube.com/watch?v=1HUK4PV2sOE&list=PL521D094C8752CE67&index=6>
- <https://www.youtube.com/playlist?list=PL521D094C8752CE67>

APPLIED THERMODYNAMICS

- <https://nptel.ac.in/courses/112/107/112107216/>
- <https://nptel.ac.in/courses/112/103/112103277/>
- <https://nptel.ac.in/courses/101/104/101104019/>
- <https://nptel.ac.in/courses/112/103/112103262/>
- <https://nptel.ac.in/courses/101/104/101104078/>
- <https://nptel.ac.in/courses/112/106/112106073/>
- <https://nptel.ac.in/courses/101/106/101106082/>
- <https://nptel.ac.in/courses/101/104/101104019/>
- <https://www.youtube.com/watch?v=cOk4-nKRhr8>
- <https://www.youtube.com/watch?v=E8VfieYhsjg&list=RDQMhnWiYX71uT0&index=47>
- <https://youtu.be/vw1iOhZNlzM>
- <https://youtu.be/FZdBIkDB1aM>
- <https://youtu.be/ysY3oNEBanI>
- https://youtu.be/ad8t9F0Mz_o
- <https://www.youtube.com/watch?v=hXXI5oUMFQ>
- <https://books.google.co.in/books?id=TEjZFUCVTbgC&printsec=frontcover#v=onepage&q&f=false>



MANUFACTURING PROCESSES

- <https://nptel.ac.in/courses/112107144/>
- <https://nptel.ac.in/courses/112107219/>
- https://www.youtube.com/watch?v=HSn3G3r69QE&list=PLLy_2iUCG87AMeXL_nGl5_6-L-hD8IK6i
- https://swayam.gov.in/nd1_noc20_me14/preview

PYTHON PROGRAMMING

Unit I

- <https://www.youtube.com/watch?v=QXeEoD0pB3E&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3>
- <https://www.youtube.com/watch?v=OV9WITd9a2U>
- <https://www.youtube.com/watch?v=mpnBNGOSplA&list=PLS1QulWo1RIYt4e0WnBp-ZjCNq8X0FX0I>
- <https://freevideolectures.com/course/2512/python-programming>
- <https://www.youtube.com/watch?v=k9TUPpGqYTo&list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU&index=2>

Unit II

- <https://www.youtube.com/watch?v=PqFKRqpHrjw&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3&index=22>
- <https://www.youtube.com/watch?v=vaysJAMDaZw>
- <https://www.youtube.com/watch?v=fEsHK2OzTd4&list=PLLOxZwkBK52DmuHRO3UNpqAzDF57Ftlxk>
- <https://freevideolectures.com/course/2512/python-programming/20>
- <https://www.youtube.com/watch?v=DZwmZ8Usvnk&list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU&index=6>

Unit III

- <https://www.youtube.com/watch?v=BVfCWuca9nw&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3&index=36>
- https://www.youtube.com/watch?v=eci9iU_s6Ag&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3&index=38
- <https://www.youtube.com/watch?v=mpnBNGOSplA&list=PLS1QulWo1RIYt4e0WnBp-ZjCNq8X0FX0I>
- <https://freevideolectures.com/course/2512/python-programming/27>
- https://www.youtube.com/watch?v=9Os0o3wzS_I&list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU&index=8

Unit IV

- <https://www.youtube.com/watch?v=xOuRE3luEB8>
- <https://www.youtube.com/watch?v=m9n2f9lhtrw>



- <https://www.youtube.com/watch?v=lFi3aenAfZU>
- <https://freevideolectures.com/course/2512/python-programming/9>
- https://www.youtube.com/watch?v=9Os0o3wzS_I&list=PL-osiE80TeTt2d9bFVyTiXJA-UTHn6WwU&index=8
- <https://www.youtube.com/watch?v=D3JvDWO-BY4&list=PL-osiE80TeTt2d9bFVyTiXJA-UTHn6WwU&index=21>
- <https://www.youtube.com/watch?v=AhSvKGTh28Q>

Unit V

- <https://www.youtube.com/watch?v=Vca808JTbI8>
- https://www.youtube.com/watch?v=zjzQVKqYr1U&list=PLzgPDYo_3xunyLTJlmoH8IAUvet4-Ka0y&index=7
- <https://www.youtube.com/watch?v=Yd-0cXEBNFo>
- https://www.youtube.com/watch?v=Nkw6Jg_Gi4w&list=PLj8W7XlvO93rJHSYzkk7Cgf_iLQRUEC2Sq
- https://www.youtube.com/watch?v=CB_NCoxzQnk&list=PLj8W7XlvO93rJHSYzkk7Cgf_iLQRUEC2Sq&index=5
- <https://www.youtube.com/watch?v=Ast5sKQXxEU>

Websites To Learn DSP:

- <https://www.learnpython.org/>
- <https://www.faceprep.in/python/python-programming/>
- <https://pythonspot.com/all-tutorials/>
- <https://www.tutorialsteacher.com/python>
- <https://runestone.academy/runestone/books/published/pythonds/SortSearch/TheMergeSort.html>
- <https://www.geeksforgeeks.org/stack-in-python/>
- http://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_module_ug.php/37
- https://onlinecourses.nptel.ac.in/noc20_cs26/unit?unit=1&lesson=2
- <https://www.udemy.com/course/algorithms-and-data-structures-in-python/>
- <http://btechsmartclass.com/>
- <https://www.geeksforgeeks.org/python-programming-language/>
- https://www.youtube.com/watch?v=9MmC_uGjBsM&list=PL3pGy4HtqwD02GVgM96

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PROBABILITY & STATISTICS

- <https://youtu.be/82Ad1orN-NA>
- https://youtu.be/vqoigDds_eo
- <https://youtu.be/FDcCwIBhPNU>
- <https://youtu.be/O-YhNpy7z3I>
- <https://youtu.be/mtbJbDwqWLE>
- <https://youtu.be/Ot-ztTT-9Jk>
- <https://youtu.be/UNDju3ypHEE>
- <https://youtu.be/0WYhD2r9-u8>
- <https://www.slideshare.net/darlingjunior/hypothesis-testing>
- https://www.youtube.com/playlist?list=PLElbY8S8u_DKw6SSz7_v5TrgjNayL446j



III YEAR VIDEO LECTURE LINKS

MACHINE DESIGN-II

- <https://nptel.ac.in/courses/112106137/>
- <https://www.youtube.com/playlist?list=PL3D4EECEFAA99D9BE>
- <http://www.nptelvideos.in/2012/12/design-of-machine-elements.html>

PYTHON PROGRAMMING

- http://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_module ug.php/37
- <https://www.edx.org/course/python-basics-for-data-science>
- https://onlinecourses.nptel.ac.in/noc20_cs26/unit?unit=1&lesson=2
- <https://www.udemy.com/course/algorithms-and-data-structures-in-python/>
- <http://btechsmartclass.com/>
- <https://www.geeksforgeeks.org/python-programming-language/>
- https://www.youtube.com/watch?v=9MmC_uGjBsM&list=PL3pGy4HtqwD02GVgM96-

CAD/CAM

- <https://nptel.ac.in/courses/112102101/>
- <https://nptel.ac.in/courses/112104031/>

FINITE ELEMENT METHODS

- <https://nptel.ac.in/courses/112/106/112106135/>
- <https://nptel.ac.in/courses/112/104/112104115/>
- <https://nptel.ac.in/courses/112/106/112106130/>

UNIT I

- <https://nptel.ac.in/courses/112/106/112106135/>
- <https://www.youtube.com/watch?v=UOp6JEjctA>
- https://www.youtube.com/watch?v=A3eVp1_SEXY
- <https://www.youtube.com/watch?v=57cmCLaQ8Ks>
- <https://www.youtube.com/watch?v=MDUzkxK99Ec>
- <https://www.youtube.com/watch?v=T6qMGdGuJvY>

Unit II

- <https://www.youtube.com/watch?v=yfyElneBW98>
- <https://www.youtube.com/watch?v=z3bgQdRSh00>



- <https://www.youtube.com/watch?v=JphRVN9Eezc>
- <https://www.youtube.com/watch?v=m5Ng0C5ZFJ8>
- <https://www.youtube.com/watch?v=TUHIzqELwmg>
- <https://www.youtube.com/watch?v=m5Ng0C5ZFJ8>

Unit III

- <https://www.youtube.com/watch?v=m6u4lOK6RyY>
- <https://www.youtube.com/watch?v=DCGm0qgIXcs>
- <https://www.youtube.com/watch?v=Bf1ZiBwAFQw>

Unit IV

- <https://www.youtube.com/watch?v=mf-eSiS9oWg>
- <https://www.youtube.com/watch?v=3WtCixoFHIY>
- https://www.youtube.com/watch?v=PhedVyx_G8o

Unit V

- <https://www.youtube.com/watch?v=w-TDsOqJ5>
- <https://www.youtube.com/watch?v=NuX7SUElOXU>

HEAT TRANSFER

- <https://nptel.ac.in/courses/112/101/112101097/>
- <https://nptel.ac.in/courses/112/108/112108149/>

Conduction and Convection Heat Transfer

- https://swayam.gov.in/nd1_noc20_me19/preview
- <https://nptel.ac.in/courses/112/105/112105271>

Convective Heat Transfer

- https://swayam.gov.in/nd1_noc20_me31/preview
- <https://nptel.ac.in/courses/112/107/112107211>

Two phase flow and heat transfer

- https://swayam.gov.in/nd1_noc20_me32/preview
- <https://nptel.ac.in/courses/112/107/112107207>

AUTOMOBILE ENGINEERING

- <https://www.youtube.com/playlist?list=PLRftlWiQ8qOguzIdx8ApOvNCGhf7Yv1fu>
- https://www.youtube.com/watch?v=c3CalfdYZYw&list=PLpe3qgeJLpB2wAoaRSY9_yAeOt7u0LTNd



IV YEAR VIDEO LECTURE LINKS

PRODUCTION PLANNING AND CONTROL

Unit I

- <https://youtu.be/yYIVumq6sVM>

Unit II

- https://youtu.be/DVEbZ_FNRg

Unit III

- <https://youtu.be/JIUH1XAP1h4>

Unit IV

- <https://youtu.be/4ZmdHWGF9pg>

Unit V

- <https://youtu.be/E40Yh890IRE>

AUTOMATION IN MANUFACTURING

Unit I

- <https://youtu.be/aoAYTSBijIMhttps://youtu.be/-NINgz6KQTA>

Unit II

- <https://youtu.be/aoAYTSBijIM>

Unit III

- <https://youtu.be/JIUH1XAP1h4>

Unit IV

- <https://youtu.be/4ZmdHWGF9pg>

Unit V

- <https://youtu.be/W5DuBKDXQkU>

