

Govt. Polytechnic Dehradun  
Branch:Mechanical engg.  
Semester-4

Subject:Applied thermal engg.

<https://www.youtube.com/watch?v=kf4osewZyfY&list=PLXuWBikqyXMWhhE3j0XodD2Xvi3VqQC17>  
[https://www.youtube.com/watch?v=eUls5-imbpA&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=19](https://www.youtube.com/watch?v=eUls5-imbpA&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=19)  
[https://www.youtube.com/watch?v=PQrcS7hmMEY&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=21](https://www.youtube.com/watch?v=PQrcS7hmMEY&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=21)  
[https://www.youtube.com/watch?v=3d9kMtozOSg&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=22](https://www.youtube.com/watch?v=3d9kMtozOSg&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=22)  
[https://www.youtube.com/watch?v=2PAQtKKNhBc&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=25](https://www.youtube.com/watch?v=2PAQtKKNhBc&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=25)  
[https://www.youtube.com/watch?v=\\_RuUbwkXmeg&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=27](https://www.youtube.com/watch?v=_RuUbwkXmeg&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=27)  
[https://www.youtube.com/watch?v=ceJY1a7B9kw&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=29](https://www.youtube.com/watch?v=ceJY1a7B9kw&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=29)  
[https://www.youtube.com/watch?v=OVafbLbxV20&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=46](https://www.youtube.com/watch?v=OVafbLbxV20&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=46)  
[https://www.youtube.com/watch?v=DAJaC1JWPFG&list=PLbkIghv\\_jQ7P-yPpjEarquTPccR4IOEHPO&index=49](https://www.youtube.com/watch?v=DAJaC1JWPFG&list=PLbkIghv_jQ7P-yPpjEarquTPccR4IOEHPO&index=49)



ATE class notes.pdf



ATE cooling and lubrication.pdf



chapter 1 ATE IC Engine.pdf

Subject: Hydraulics & Hydraulic machines

Unit1,2,3:

<https://youtu.be/S2a8AO13q7Q>  
<https://youtu.be/UTEQ8cKHKJI>  
<https://youtu.be/mfDFNk-bbMo>  
<https://youtu.be/CmvKamv2d2g>  
<https://youtu.be/Mx2M5MuAUFo>

Unit 4 &5:

<https://youtu.be/DakFxUE2b5Y>  
<https://youtu.be/-EQSu8XzPI4>  
<https://youtu.be/Pu94dYDcO9g>

<https://youtu.be/cAEULkp7YUI>

<https://youtu.be/EoZ9Afl5ioE>

Unit6:

<https://youtu.be/S-oHA7sDyJU?t=2994>

[https://www.youtube.com/watch?v=O-V6\\_yQ81iM](https://www.youtube.com/watch?v=O-V6_yQ81iM)

<https://youtu.be/4onDdsQ2624>

<https://www.youtube.com/watch?v=BHR4cNwVSi0>

<https://youtu.be/G4rbUtAxgHM>

Unit 7:

<https://youtu.be/Pq0XiDTJ8pQ>

<https://youtu.be/-M3XqKjZwSA>

<https://youtu.be/iXXt2oGXvmo>

[https://www.youtube.com/watch?v=0IJapbvqY\\_8](https://www.youtube.com/watch?v=0IJapbvqY_8)

<https://youtu.be/ohdOrTbbLBA>

[https://youtu.be/NY8havuh0\\_Y](https://youtu.be/NY8havuh0_Y)

[https://youtu.be/YCM\\_EQMiN8c](https://youtu.be/YCM_EQMiN8c)

Unit 8:

[https://www.youtube.com/watch?v=cTNynj\\_o6og&list=PLzB1g4G7rqC1QoI1yU6iK0j-SUJeoVdlp](https://www.youtube.com/watch?v=cTNynj_o6og&list=PLzB1g4G7rqC1QoI1yU6iK0j-SUJeoVdlp)

<https://youtu.be/k0BLOKEZ3KU>

<https://youtu.be/vAeGhnYUM3s>

<https://youtu.be/9f8j6Rcr79Y>

Complete coverage of all

units:[https://www.youtube.com/watch?v=AEcQjpEFfp4&list=PLbkIghvjq7P\\_XQ50693q8itDLWVBTxb.jF](https://www.youtube.com/watch?v=AEcQjpEFfp4&list=PLbkIghvjq7P_XQ50693q8itDLWVBTxb.jF)

**Subject: Strength of material**

List of all topics :

<https://www.youtube.com/watch?v=hpSg7THf1zI&list=PLbkIghvjq7P-XxTjdOLz5Iyc1sOh0kQL3>

Subject: Production Technology

List of

topics:[https://www.youtube.com/playlist?list=PLa1rpkrS5d\\_4trmK2AG3d7PkXYOGaorIE](https://www.youtube.com/playlist?list=PLa1rpkrS5d_4trmK2AG3d7PkXYOGaorIE)

Subject: Basic civil engg.

List of topics:

<https://www.youtube.com/watch?v=J2H5J160K4c&list=PLQvkf-zrJD0E4BsR1XaD11BmTohcvJbqx>



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Subject: Metrology



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List of topics:

[https://www.youtube.com/watch?v=uBmkP8k07cE&list=PL6HQVc8\\_tFGJ1rfJggPKZq7u-AaseR\\_fw](https://www.youtube.com/watch?v=uBmkP8k07cE&list=PL6HQVc8_tFGJ1rfJggPKZq7u-AaseR_fw)

Linear measurement:

[https://www.youtube.com/watch?v=imEqHCW5--o&list=PLSWRPBzGkib-c8Wzf0G\\_btF7x2eAq\\_swEp](https://www.youtube.com/watch?v=imEqHCW5--o&list=PLSWRPBzGkib-c8Wzf0G_btF7x2eAq_swEp)

Angular measurement:

<https://www.youtube.com/watch?v=owiuBoVooY4>

Measurement of surface finish:

[https://www.youtube.com/watch?v=T-8I\\_-JkT4s](https://www.youtube.com/watch?v=T-8I_-JkT4s)

Measurement of screw thread:

<https://www.youtube.com/watch?v=Nd0SuCUbBA8>

Measurement of gear:

<https://www.youtube.com/watch?v=YtFAjaN8r7k>