

IEEE NSUT

THE LARGEST AND OLDEST TECHNICAL SOCIETY OF
NSUT



GUIDE TO ACE YOUR FIRST SEMESTER EXAMINATIONS

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Syllabus for the First Semester:

<https://drive.google.com/drive/folders/1KVdToPbMW3ZVZULCJG-PNwF3KdjEslbB>

Important Notes:

- If any of the link attached here is not opening, then open it by your NSUT official email account.
- At the end of the day, these are just recommended resources and you should always refer your own class syllabus and topics once.

QUANTUM PHYSICS

- **Books :**

1. Concepts of Modern Physics :

https://drive.google.com/file/d/1RK7iOEXusTMYq3MXt_4EZzLODuvu1Eu1/view?usp=drivesdk

- **UNIT 1 :**

<https://youtube.com/playlist?list=PL74Pz7AXMAnOrUGJ5MqTOUoa1gcxsxI9l&feature=shared>

(Videos 1-7)

- Black Body radiation

<https://youtu.be/Cg5SXxnMg2E?si=nmmrIJ-4MXy9pVAh>

- Rayleigh scattering

<https://youtu.be/0L-ypFpy6R8?feature=shared>

- **UNIT 2 :**

- De Broglie hypothesis – matter

<https://youtu.be/xdOfhK8YIQQ?feature=shared>

- Wave particle duality

<https://youtu.be/g4w2XRd04fk?feature=shared>

- Phase velocity and group velocity

<https://youtu.be/wmZsru5FLIs?feature=shared>

- Davisson–Germer experiment

<https://youtu.be/95JPmOH0I7Q?feature=shared>

- Heisenberg uncertainty principle

<https://youtu.be/n0fRyDcG1BM?feature=shared>

- Matter waves for macroscopic objects,
https://youtu.be/2Sd_kL-UpZA?feature=shared
- Complementarity principle
<https://youtu.be/Sk2NwYUbljs?feature=shared>

• **UNIT 3 :**

- Quantum Physics and Schrodinger Wave Equation
<https://youtu.be/8shgedYxEo8?feature=shared>
- Probability density and Normalization
<https://youtu.be/Vg1kA2LUTgs?feature=shared>
- Free-particle wave function
<https://youtu.be/mG0nW9xg2Ck?feature=shared>
- Eigen functions and Eigen values,
<https://youtu.be/TlG7ln5-QOY?feature=shared>
- Schrodinger equation – time-dependent
<https://youtu.be/fJwzKyfLzRQ?feature=shared>
- Operators
<https://youtu.be/4KRhTCfPfK8?feature=shared>

• **UNIT 4:**

- Field-ionization and Scanning Tunnelling Microscope
<https://youtu.be/iKhydJV0ajs?feature=shared>
- Quantum tunnelling effect
<https://youtu.be/2ChefXhNdsk?feature=shared>
- Potential Step
<https://youtu.be/-cQYPaGBPsc?feature=shared>
- Square-well potential
<https://youtu.be/FL4QCymhYDA?feature=shared>

- Solution of stationary-state schrodinger equation for one dimensional problems – Particle in a box

<https://youtu.be/rXxvcsANnJk?feature=shared>

- **UNIT 5:**

- Free electron theory of metals

<https://youtu.be/-A9k9VMlaUY?feature=shared>

<https://youtube.com/playlist?list=PLAPKGqvQGg6poU03brbJ-s6lxcEJXtf9l&feature=shared>

(Video no:-8,15,20,22,46,)



MATHEMATICS

- **Books :**

1. JAGGI MATHUR :

https://drive.google.com/drive/folders/1iqr9fXKGW25yis016d7ged9UwDn8YzC_?usp=drive_link

- **SOLUTIONS :**

https://drive.google.com/drive/folders/1hGr5SCOIk32G2_5gHp6QNvSOgeKK9EGt

- **PLAYLIST :**

- **UNIT 1:**

<https://youtube.com/playlist?list=PLhpKpeUSHwhGZf8CswvZOTthKC752ldukU&si=MfHb1X-NZkYPkMxo>

- **UNIT 2:**

https://youtube.com/playlist?list=PLI4dU6GXOITKnGGwHkASr0rPHJvK7QPlq&si=34vQRGpYWpCrA_fe

- **UNIT 3:**

https://youtube.com/playlist?list=PLYyV_Ex3vRoFCVeGJtzEEpFTDTuAu8RgZ&si=59rjZpIIsEEZ1H8Z

- **UNIT 4:**

https://youtube.com/playlist?list=PLYyV_Ex3vRoEMFCrEvLQvJvTJgtzt7SaP&si=1rJY2ch8EXuez736

- **UNIT 5:**

https://youtube.com/playlist?list=PLU6SqdYcYsfJx0FZBQHO3oc3h9-pPh4k1&si=c_4OQ1SUgY_svflh

CHEMISTRY

- **UNIT 1 :**

https://youtube.com/playlist?list=PLEtCpM3x4BD_pYbeFa6AYqpFEDRZRaqqe&si=JHk1CpyHUmUdAKje

- **UNIT 2 :**

<https://youtube.com/playlist?list=PLLf6O8XdGj03gLo6znlqJbMzg!gt8tSUI&si=SztKfgYtLLedenUo>

- **UNIT 3 :**

<https://youtube.com/playlist?list=PL-aAskfIKOZB1E1lxokkpgq28mPYAMfK0j&si=KcSguzcod2aUtUGp>

- **UNIT 4 :**

The notes provided by faculty are pretty good and accurate (refer to that only).

- **UNIT 5 :**

<https://youtube.com/playlist?list=PLQnNyE1lxfVLav7GlpKYfGYiHsZiTYB5u&si=dQVRVHPORx3Su43X>

BME

(BASICS OF MECHANICAL ENGINEERING)

- **Books :**

1. Beer and Johns

https://drive.google.com/file/d/1RV2kqv2aYhqrsH2dzUxmoS349-g8OC3O/view?usp=drive_link

- **UNIT 1 :**

https://youtube.com/playlist?list=PL0s3O6GgLL5cTyibHXZEBFD4zQeR_HrGG

<https://youtube.com/playlist?list=PLDN15nk5uLiAyM7MbRBF1eIFC8y5vMRxl>

- **UNIT 2 :**

<https://youtube.com/playlist?list=PLlhUrsYr8yHzft7ygw5THZo4aDcsxEadP>

- **UNIT 3 :**

<https://youtube.com/playlist?list=PLhSp9OSVmeyLsaRM5I5j6krW8zQ35DwIA>

- **UNIT 4 :**

https://youtube.com/playlist?list=PLgwJf8NK-2e6LIgDinREtD9GMNXJs2WYl&si=_WaSsDRJ0YrZrrmB

- **UNIT 5 :**

https://youtube.com/playlist?list=PLJTTNikh6ISpPCLGH2yegOWgTJRGn_DYm&si=L1BWN6rMX_ntRUMr

<https://www.youtube.com/watch?v=AkfseFd2Tto&list=PL70EyEqRmIoTXJCgjIPQejBnydRyX8f9I&index=1&t=2010s>

<https://www.youtube.com/watch?v=jczqMncXzWI&list=PL70EyEqRmIoTXJCgjIPQejBnydRyX8f9I&index=2&t=1956s>

CP

(COMPUTER PROGRAMMING)

- **Single Playlist :**

1. The following playlist can be followed for full course (except for Unit 3) :

[https://youtube.com/playlist?
list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x](https://youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x)

- **UNIT 1:**

[https://youtube.com/playlist?
list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x](https://youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x)

(Videos = 3 to 18, 21 to 23,33,34)

- **UNIT 2:**

[https://youtube.com/playlist?
list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x](https://youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x)

(Videos = 36,37,39,41,42,44,45,46,47,48,52-65,67-70,72-74)

- **UNIT 3:**

[https://www.youtube.com/playlist?list=PLu0W_9lII9ahfRrhFcoB-
4lpp9YaBmdCP](https://www.youtube.com/playlist?list=PLu0W_9lII9ahfRrhFcoB-4lpp9YaBmdCP)

- **UNIT 4:**

[https://youtube.com/playlist?
list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x](https://youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x)

(Videos = 24,25,26,28,30,31)

- **UNIT 5:**

[https://youtube.com/playlist?
list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x](https://youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&si=GjS3c0x6QdYrAq6x)

(Videos = 81,82,84-87,97,98)

BCE

(Basic Civil Engineering)

- **Unit 1:**

<https://www.youtube.com/playlist?list=PLEtCpM3x4BD8iVQLMyXNCTcXP6dl-SDBz>

(Video - 1 to 14)

- **Unit 2:**

<https://www.youtube.com/playlist?list=PLEtCpM3x4BD8iVQLMyXNCTcXP6dl-SDBz>

(Video - 15 to 27)

- **Unit 3:**

<https://www.youtube.com/playlist?list=PLEtCpM3x4BD8iVQLMyXNCTcXP6dl-SDBz>

(Video - 28 to 42)

- **Unit 4:**

Soil Mechanics :-

<https://www.youtube.com/watch?v=fJv9lIVPp70>

Pavement Engineering :-

<https://www.youtube.com/playlist?list=PLjtQ3BMex7hvh7pPtjwPDV17J-WaDX7TI>

- **Unit 5:**

<https://www.youtube.com/playlist?list=PLEtCpM3x4BD8iVQLMyXNCTcXP6dl-SDBz>

(Video - 43 to 46)

INTRODUCTION TO ELECTROMAGNETIC THEORY

- **UNIT 1:**

- Poisson's Eq

https://www.youtube.com/watch?v=IVRIw36CAWs&list=PLgwJf8NK-2e4I_YltJja47CwZJkzNWK89&index=63&pp=iAQB

- Boundary Cond. on Electric field and potential

<https://www.youtube.com/watch?v=IlgDfZ59Kvw&pp=ygVCQm9lbnRhcncgY29uZGl0aW9ucyBvZiBlbGVjdHJpYyBmaWVsZCBhbmQgZWxIY3Ryb3N0YXRpYyBwb3RlbnRpYWws>

- Divergence and curl of electrostatic field

<https://www.youtube.com/watch?v=jhqxwqMCPpQ&pp=ygUrRG12ZXJnZW5jZSBhbmQgY3VyYCBvZiBlbGVjdHJvc3RhdGljIGZpZWxkLA%3D%3D>

https://www.youtube.com/playlist?list=PLgwJf8NK-2e4I_YltJja47CwZJkzNWK89

video no:- 15-37,42-52,54-60(IF U HAVE TIME THEN ONLY GO THROUGH THESE FOR PRACTICE OTHERWISE MOSTLY THE SYLLABUS OF UNIT 1 IS SAME JEE PART)

- **UNIT 2:**

- Stokes Theorem

<https://www.youtube.com/watch?v=D2eHgZ4kMHU&pp=ygVXVmVjdG9yIHVudGVudGlhbCBhbmQgY2FsY3VsYXRpbmcgaXQgZm9yIGZpZW4gbWFnbmV0aWMgZmllbGQgdXNpbmcgU3Rva2Vz4oCZiHRoZW9yZW0s>

- Equation for the vector potential and its solution for given current densities.

<https://www.youtube.com/watch?v=E-1Oh080wvl&pp=ygVPRXFIYXRpb24gZm9yIHRob2ZSB2ZWN0b3IgcG90ZW50aWFsIGFuZCBpdHMgc29sdXRpb24gZm9yIGdpdmVulGNlcnJlbnQgZGVuc2l0aWVzLg%3D%3D>

- Magnetization and associated bound currents

<https://www.youtube.com/watch?v=xBApe4HIWyk&pp=ygUsTWFnbmV0aXphdGlubiBhbmQgYXNzb2NpYXRlZCBib3VuZCBjdXJyZW50cyw%3D>

- Boundary Cond. on B

https://www.youtube.com/watch?v=_CSVNMNd6O4&pp=ygUfQm9lbnRhcncgY29uZGl0aW9ucyBvbiBCIGFuZCBiLA%3D%3D

- On H

https://www.youtube.com/watch?v=g8jkHh_8XEM&pp=ygUfQm9lbnRhcncgY29uZGl0aW9ucyBvbiBCIGFuZCBiLA%3D%3D

- Auxiliary magnetic field

<https://www.youtube.com/watch?v=XpetWXB4Dk&pp=ygUYXXV4aWxpYXJ5IG1hZ25ldGljIGZpZWxk>

- Equation for the vector potential and its solution for given current densities.

<https://www.youtube.com/watch?v=E-1Oh080wvl&pp=ygVPRXFIYXRpb24gZm9yIHRob2ZSB2ZWN0b3IgcG90ZW50aWFsIGFuZCBpdHMgc29sdXRpb24gZm9yIGdpdmVulGNlcnJlbnQgZGVuc2l0aWVzLg%3D%3D>

- Divergence and curl of static magnetic field,

<https://www.youtube.com/watch?v=AymUzFZArPk&pp=ygUtRG12ZXJnZW5jZSBhbmQgY3VyYCBvZiBzdGF0aWMgbWFnbmV0aWMgZmllbGQs>

- Biot S. Law

https://www.youtube.com/watch?v=CiGmxrzDAgA&list=PLgwJf8NK-2e4l_YltJja47CwZJkzNWK89&index=67&pp=iAQB

• UNIT 3 :

- Differential form of Faraday's law

<https://www.youtube.com/watch?v=JeaYVDciF4Q&pp=ygWIAURpZmZlcmVudGlhbCBmb3JtIG9mIEZhcmFkYXnigJlZlGxhdyBleHByZXNzaW5nIGNlcmwgb2YgZWxIY3RyaWMgZmllbGQgaW4gdGVybXMgb2YgdGltZS0gZGVyaXZhdGl2ZSBvZiBtYWduZXRpYyBmaWVsZCBhbmQgY2FsY3VsYXRpbmcgZWxIY3RyaWMgZmllbGQgZHVlIHVlIGNoYW5naW5nIGlhZ25ldGljIGZpZWxkcyw%3D>

- Electromagnetic breaking and its applications

<https://www.youtube.com/watch?v=BlSkthqeKSo&pp=ygUuRWxIY3Ryb2IhZ25ldGljIGJyZWFraW5nIGFuZCBpdHMglGFwcGxpY2F0aW9ucw%3D%3D>

- Lenz law

<https://www.youtube.com/watch?v=7u-S6aVSGbl&pp=ygUwRXFlaXZhbGVuY2Ugb2YgRmFyYWRheekAmXMgbGF3IGFuZCBtb3Rpb25hbCBFTUys>

- Faraday's laws

<https://www.youtube.com/watch?v=6vYu2UVGJew&pp=ygUIRXFlaXZhbGVuY2Ugb2YgRmFyYWRheekAmXMgbGF3IGFuZCBtb3Rpb25hbCBFTUygYnRIY2g%3D>

• UNIT 4 :

- Maxwell's equation and Poynting vector

<https://www.youtube.com/playlist?list=PL5zwY2E7i60UOvHJEOpJEw-IR2Zdmg2lk>

• UNIT 5 :

- Reflection and transmission of electromagnetic waves...

<https://www.youtube.com/watch?v=-I6ip9zYIVc>

https://www.youtube.com/playlist?list=PLgwJf8NK-2e4l_YltJja47CwZJkzNWK89

(Video no:- 90-93)

- Momentum and Energy of EM waves

<https://www.youtube.com/watch?v=rvwqMDERcek&pp=ygVBtW9tZW50dW0gY2FycmllZCBieSBibGVjdHJvbWFnbmV0aWMgd2F2ZXMGYW5kIHJlc3VsdGFudCAgcHJlc3NlcmU%3D>

- Relation between electric and magnetic fields of an electromagnetic wave

<https://www.youtube.com/watch?v=6tFG7tJGhIQ&pp=ygVJUUmVsYXRpb24gYmV0d2VlbiBlbGVjdHJpYyBhbWQgbWFnbmV0aWMgd2F2ZXMGZmllbGRzIG9mIGFuIChlbGVjdHJvbWFnbmV0aWMgd2F2ZQ%3D%3D>

- Transverse nature of electromagnetic waves and polarization

<https://www.youtube.com/watch?v=wIKvUzqbjz4&pp=ygU8VHJhbnN2ZXJzZSBuYXR1cmUgb2YgZWxlY3Ryb2lhZ25ldGljIHdhdmVzIGFuZCAgcG9sYXJpemF0aW9u>



Principle of EE

- **Unit 1 :**

<https://youtube.com/playlist?list=PLdxo4K1C81-RHNQXIDav7Gn9V4OeLbwss&si=lii4WLIVHMaFP8vb>

playlist refer for pmmc and moving iron type 5-10

<https://youtube.com/playlist?list=PLhSp9OSVmeyKvw2DTpzlCdl226DJ-QjTx&si=HKY78QKpo5dhKWb3>

- **Unit 2 :**

https://youtube.com/playlist?list=PLBlNk6fEyqRgLR-hMp7wem-bdVNliEhsh&si=_I3PK7OC7H1UJII4

https://youtube.com/playlist?list=PL4K9r9dYCOooGgiUI3yVbej4MlrBBglhK&si=s-bWz8hL0W_YZKDe

<https://youtube.com/playlist?list=PL9RcWoqXmzaLTYUdnzKhF4bYug3GjGcEc&si=IhXEuS4SO-bY36oN>

- **Unit 3 :**

https://youtube.com/playlist?list=PL9RcWoqXmzaLTYUdnzKhF4bYug3GjGcEc&si=abjR_PLHBHLOb3yM

- **Unit 4 :**

<https://youtube.com/playlist?list=PL4K9r9dYCOooU8pkvUrvCJBjBOOIThcGj&si=ppeBJKoB10wYdnPw>

- **Unit 5 :**

<https://youtube.com/playlist?list=PLT9smTex-eruMdzrnklvr-I0jltZ7THMM&si=jjheCRxxEIsu5rT>

playlist refer videos 1-10

Analog & Digital Electronics

- **Full Syllabus :**

Neso/All About Electronics (Analog and Digital Electronics)

<https://youtube.com/playlist?list=PLBlnK6fEyqRiw-GZRqfnlVIBz9dxrqHJS&si=YmvTJfUERGaNqOn7>

<https://youtube.com/playlist?list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm&si=qOvCh9rH7Lm55YNs>

https://youtube.com/playlist?list=PLwjK_ iyK4LLBVM18VZ7JKW-q88FAtnr8_&si=uQql5ZP9MEb5sdrs



Electrical (FEE)

- **Unit 1 :**

<https://youtube.com/playlist?list=PLdxo4K1C81-RHNQXIDav7Gn9V4OeLbwss&si=lii4WLIVHMaFP8vb>

playlist refer for pmmc and moving iron type 5-10

<https://youtube.com/playlist?list=PLhSp9OSVmeyKvw2DTpzlCdl226DJ-QjTx&si=HKY78QKpo5dhKWb3>

- **Unit 2 :**

https://youtube.com/playlist?list=PLBlNk6fEyqRgLR-hMp7wem-bdVNliEhsh&si=_I3PK7OC7H1UJII4

https://youtube.com/playlist?list=PL4K9r9dYCOooGgiUI3yVbej4MlrBBgIhK&si=s-bWz8hL0W_YZKDe

<https://youtube.com/playlist?list=PL9RcWoqXmzaLTYUdnzKhF4bYug3GjGcEc&si=IhXEuS4SO-bY36oN>

- **Unit 3 :**

https://youtube.com/playlist?list=PL9RcWoqXmzaLTYUdnzKhF4bYug3GjGcEc&si=abjR_PLHBHLOb3yM

- **Unit 4 :**

<https://youtube.com/playlist?list=PL4K9r9dYCOooU8pkvUrvCJBjBOOIthcGj&si=ppeBJKoB10wYdnPw>

- **Unit 5 :**

<https://youtube.com/playlist?list=PLGC759xV3YD2D6G3hpoyCUPourc9e2E7R&si=ZfmInimSEHhcSIEg>

Physics 3

- **Books :**

1. AK Jha

https://drive.google.com/drive/folders/1e3DUWjSd12Ld-l30qD0F_j_OxUqNJ7yb

- **Unit 1 :**

<https://youtube.com/playlist?list=PL9p8P5BwKOqkawq5y-t8fL8yGNzaTHXUJ>

<https://drive.google.com/drive/folders/1tElvQeZS8mdrSffdUwaTJHuMZqb5wKge>

- **Unit 2 :**

https://youtube.com/playlist?list=PLyqSpQzTE6M9X7oRXliYM8t0aaR_N0Csd&si=nHeg6Fc6rfmh-sLW

https://youtube.com/playlist?list=PLFGOC-ueNblcTUAOr6Dfv-XpjNeLenuJk&si=ILF_B6NMPjBn7_NI

- **Unit 3 :**

Diffraction

<https://www.youtube.com/watch?v=vFz-AK3Jjal&list=PLAPKGqvQGg6pFtTSnp0q7rx9EpsVZH-nt>

Polarization

<https://youtube.com/playlist?list=PLAPKGqvQGg6okls6b6vC6vZsrWaWySKud>

Interference

<https://youtube.com/playlist?list=PLAPKGqvQGg6qn70CBMylcBz4WCRKQG58i>

- **Unit 4 :**

<https://youtube.com/playlist?list=PLAPKGqvQGg6rOsskcxWOI8jy6mQQisjjE>

NOTES

https://drive.google.com/drive/folders/1eTHShhubPpN0kB BBm2xTQv6Vspv_ti7_

- **Unit 5 :**

<https://youtube.com/playlist?list=PLAPKGqvQGg6o8SJVVeZ3zdqaj37vdwR9j>



Basics of Electrical Engineering

- **Unit 1 :**

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLWPirh4EWFpHr_1ZCkuF9ToYUrmujv9Aa&si=ieZCZyCnVX7ly4CY)

[list=PLWPirh4EWFpHr_1ZCkuF9ToYUrmujv9Aa&si=ieZCZyCnVX7ly4CY](https://youtube.com/playlist?list=PLWPirh4EWFpHr_1ZCkuF9ToYUrmujv9Aa&si=ieZCZyCnVX7ly4CY)

(refer videos 1-27)

https://youtube.com/playlist?list=PLBlnK6fEyqRhkN2yGQpH40Pk-palJzzvv&si=TXv_kbVE8Cy9nsg

(refer videos 1-12)

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLoFibghbC2fHilI_jmxDyYvzAW0dUVrwG&si=h9CZiR3qXPEakmlT)

[list=PLoFibghbC2fHilI_jmxDyYvzAW0dUVrwG&si=h9CZiR3qXPEakmlT](https://youtube.com/playlist?list=PLoFibghbC2fHilI_jmxDyYvzAW0dUVrwG&si=h9CZiR3qXPEakmlT)

- **Unit 2 :**

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLb2wGSuEdRG8IKGO4q7NXE6QDWISAsBkZ&si=FLKLNTMqpX3DdPdZ)

[list=PLb2wGSuEdRG8IKGO4q7NXE6QDWISAsBkZ&si=FLKLNTMqpX3DdPdZ](https://youtube.com/playlist?list=PLb2wGSuEdRG8IKGO4q7NXE6QDWISAsBkZ&si=FLKLNTMqpX3DdPdZ)

<https://youtu.be/z60-59hJp4E?si=Dp0HgiTuAjE-X9yE>

[https://youtube.com/playlist?list=PLgwJf8NK-](https://youtube.com/playlist?list=PLgwJf8NK-2e5k2hl8zRal2rffvo7QknyC&si=JsQm5hHM9-NJFM-H)

[2e5k2hl8zRal2rffvo7QknyC&si=JsQm5hHM9-NJFM-H](https://youtube.com/playlist?list=PLgwJf8NK-2e5k2hl8zRal2rffvo7QknyC&si=JsQm5hHM9-NJFM-H)

(refer videos 1-7)

- **Unit 3 :**

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLoFibghbC2fFMbm1Cbkmxabnlx0YmQfXA&si=ymUwFR0lu0e_QGqg)

[list=PLoFibghbC2fFMbm1Cbkmxabnlx0YmQfXA&si=ymUwFR0lu0e_QGqg](https://youtube.com/playlist?list=PLoFibghbC2fFMbm1Cbkmxabnlx0YmQfXA&si=ymUwFR0lu0e_QGqg)

- **Unit 4 :**

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLoFibghbC2fFhTcMleKJjOKplim65mUpR&si=tIIQ3iJefqliMOXw)

[list=PLoFibghbC2fFhTcMleKJjOKplim65mUpR&si=tIIQ3iJefqliMOXw](https://youtube.com/playlist?list=PLoFibghbC2fFhTcMleKJjOKplim65mUpR&si=tIIQ3iJefqliMOXw)

- **Unit 5 :**

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLoFibghbC2fFR5lWcG1kslX4Nq4cwN28M&si=catl_Ki5pEIQw7LS)

[list=PLoFibghbC2fFR5lWcG1kslX4Nq4cwN28M&si=catl_Ki5pEIQw7LS](https://youtube.com/playlist?list=PLoFibghbC2fFR5lWcG1kslX4Nq4cwN28M&si=catl_Ki5pEIQw7LS)

[https://youtube.com/playlist?](https://youtube.com/playlist?list=PLCmoXVuSEVHIEJi3SwdyJ4ElCffuyqpjk&si=DZy-8XZHN5pwgImw)

[list=PLCmoXVuSEVHIEJi3SwdyJ4ElCffuyqpjk&si=DZy-8XZHN5pwgImw](https://youtube.com/playlist?list=PLCmoXVuSEVHIEJi3SwdyJ4ElCffuyqpjk&si=DZy-8XZHN5pwgImw)

(refer videos 11-38, 58-63)



FAQs

(Frequently Asked Questions)

All in One Link (maintained by IEEE): This link contains all subject Notes, Books, and everything you will need at one place.

https://drive.google.com/drive/folders/1cV9TCcNI0UZn5c-NMJsxBmhCUG_2X7x6?usp=sharing

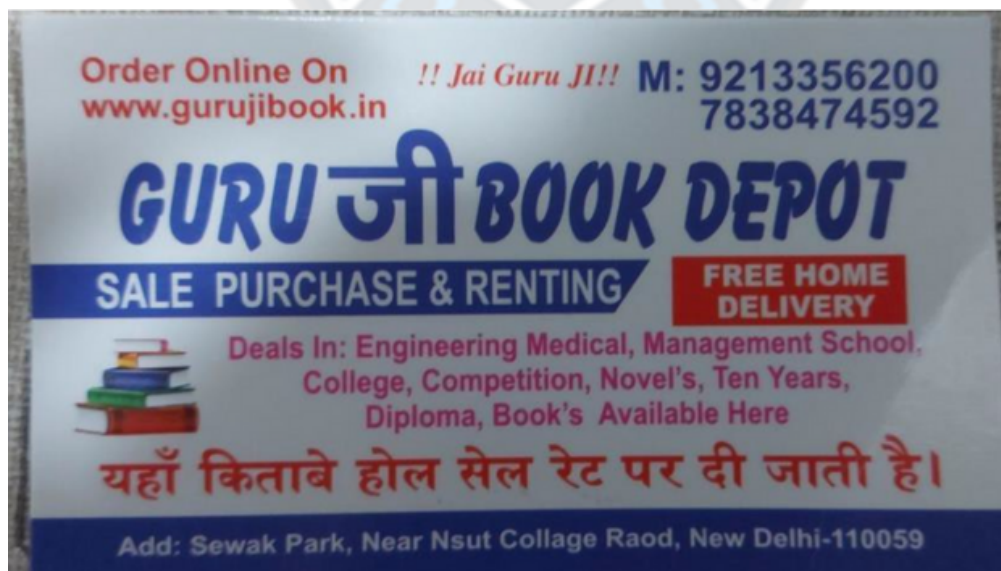
Hand-written notes of all the chapters by Vishu

<https://drive.google.com/drive/folders/12NSjxH0czDRf5fFo8QHMGQXpyz7GVkBP>

Some General Questions in the mind of most of the freshers:

Where to buy books?

Ans: It isn't essential to buy books in your first semester. You can refer to E-books. You will realise that studying from YT lectures is much more time-saving and beneficial in comparison to studying from books. But for question practice, books are the best... You can buy books from the shop mentioned below which lies between the NSUT and Metro road. Better purchase a second-hand book at a 50% discount from the original price, and then you can return it afterwards, with some cashback.



FAQs

(Frequently Asked Questions)

How to get books issued from the library?

Ans: If your courses have been approved, then take a print-out of your IMS profile by logging into your account on <http://imsnsit.org>. Then, show that printout to the library office where on the ground floor of the library, and you can then issue the book whichever you want.

How to Access the hard copy of the Previous Year Question Paper?

Ans: Go to the first floor of the library, and turn right from the entrance gate. Ask for the previous year's papers at the library reception there and you can click their photos

