



Together We Grow...

SEM-1

(sem 2 notes starting from pg 12)

**If you have any questions feel free to contact:Instagram handle: [_ramanjotsingh](#)

[Connect here:](#)(for any queries)

For internship and placement preparation, you can follow this playlist. It starts with the very basics and progresses to advanced topics, covering all the important concepts in depth.

[DSA PLAYLIST FOR INTERVIEW PREPRATION](#)

Do refer syllabus from your end and only study topics in your syllabus these are general playlist for help .

Physics

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Unit 1

2

https://youtube.com/playlist?list=PL5zwY2E7i60WL0K8rDYjWwCKRqkAO_cXF

Unit 2

For shm and forced oscillation only for rest part just refer notes

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

**Unit 3*

Diffraction

https://youtube.com/playlist?list=PL5zwY2E7i60VG_bypt3WNydwkrGIHxFsd

Polarisation

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

Interference

<https://youtube.com/playlist?list=PL5zwY2E7i60X095MhnHZ31LAjo2rqUhNr>

*Unit 4**

First 11 videos only

<https://youtube.com/playlist?list=PLAPKGqvQGg6rOsskcXW0I8jy6mQQisjE>

3

Unit 5

Leave last 3 videos

<https://youtube.com/playlist?list=PLAPKGqvQGg6o8SJVVeZ3zdaqj37vdwR9j>

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Maths

Unit 1

<https://youtube.com/playlist?list=PLhSp9OSVmeyl3uivqqHzrlomwD6gZx2-R>

Unit 2

<https://youtube.com/playlist?list=PLD02UPjDDgtLCwK1WuwpFlvCW2DI77XJh>

Unit 3

<https://youtu.be/qW9sIRb9Fic>

<https://youtu.be/qtgji5ws8LA>

<https://youtu.be/i5auF7-aguk>

https://youtube.com/playlist?list=PLgQRlydWaXXOsXdIm0_giylxH-Xg8iech

4

Unit4

<https://youtube.com/playlist?list=PLU6SqdYcYsfIJRI8mo2Rv1MpdvmVD0Yyl>

(first 7 videos only)

<https://youtube.com/playlist?list=PLU6SqdYcYsfJV8Lf4KFA0U8kGeJ2NGWV>

(first 5 only)

Unit 5

Yeh syllabus me h

5-13

18-27

32-41

43-50

<https://youtube.com/playlist?list=PLhSp9OSVmeylVQpCt2kwsC1dNVI1GwIVn>

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Linkdin :

[Connect here](#)

Chemistry and English

Follow notes given by your respective teacher or refer the drive links given at the end

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EE and ECE

Unit 1

https://youtube.com/playlist?list=PL4K9r9dYCOoq_hCuVrFP-vlkd1OXcDOWS

Unit 2

<https://youtube.com/playlist?list=PLySVDJoIJATda7ZQlr46hXZH10GcRkJoe>

Unit 3 transformer

<https://youtu.be/YZKqcOJ7TwE>

These playlist i have personally followed

Phase 3 ac circuit

https://youtube.com/playlist?list=PL4K9r9dYC0ooO5s49HTN7Tavmg5q_Ufqm

Unit 3 electronics part

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

6

(Leave 41-51 videos)

Led

<https://youtu.be/Wu-ebc8d8mk>

unit 4

https://youtube.com/playlist?list=PL5A7hrl3ZNnMNf_GGQRiCkX7MxIRIEjye

(64-84)

Operational amplifier

First 8 videos

https://youtube.com/playlist?list=PLwjK_ikyK4LLDBB1E9MFbxGCEnmMMOAXOH

If time permits

92-95, 101, 104-105

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

Unit 5

Important topics for exam must from neso

Flip flop

K maps

Adder

Subtractor <https://youtube.com/playlist?list=PL5A7hrI3ZNnNtkTvhxjgdpcZF-6jMGAJ>

7

Plz read diode characteristics, problem on clipper n clamper, diode biasing, opamp basics n circuits in notes, read kmap, adder subtractor

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DSA PLAYLIST FOR INTERVIEW PREPRATION

BME

BME playlist

Unit 1 1. <https://youtube.com/playlist?list=PL0s306GgLL5cTyibHX>

ZEBFD4zQeR_HrGG

2. <https://youtube.com/playlist?list=PLDN15nk5uLiAyM7MbRBF1eIFC8y5vMRxI>

Tickle academy is having 246 videos we just need to see 2-3 videos on every concept to get exposure of unit so in all around 16-20 videos .

Unit 2

Till part 8

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

Sfd bmd playlist

<https://youtube.com/playlist?list=PLhSp9OSVmeyJOktHNEK7AEkR3WA69FZ3U>

<https://youtu.be/y0l6hkmA0TE>

(Important points in sfd bmd)

Unit 3

<https://youtube.com/playlist?list=PLbklghvjQ7P9THjzpqSA1UWD0-VWMZls>

!

<https://youtube.com/playlist?list=PL727BYvm8B1nn6cS-hCHdhTt26-S7qirc>

Unit 4

<https://youtube.com/playlist?list=PLhSp9OSVmeyLsaRM5l5j6krW8zQ35DwIA>

Unit 5

<https://youtu.be/AkfseFd2Tto>

<https://youtu.be/jczqMncXzWI>

<https://youtu.be/nB925GpfpkQ>

<https://youtu.be/1omZFMZzTmY>

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DSA PLAYLIST FOR INTERVIEW PREPRATION

Computer Programming

C programming

Apna college

<https://youtu.be/irqbmMNs2Bo>

Alternative

***Full c in 6* hr some topics are not discussed well in this for those i am sharing other links**

<https://youtu.be/vl794HKeXug>

For* *file handling

<https://youtube.com/playlist?list=PLhHTGEaROEVPwcfinu9ogOLP317ORLrB>

***24 - 33* videos**

For command line argument

<https://youtu.be/CxXALHogRIg>

For preprocessor directive

1 <https://youtu.be/kAane8WwuP4>

10

2

<https://youtu.be/5FH9EQyrsZw>

3

<https://youtu.be/tedCyTs3jio>

. **For pointers , enum , union , structure*

https://youtube.com/playlist?list=PLe_7x5eaUqtWp9fvsexhC4XlkoR3n5A-sF

Dynamic memory allocation

<https://youtu.be/ZSzzY3adfDM>

<https://youtu.be/nd7WJ4Q9gog>

*****"**

Python

Part 1:

<https://youtu.be/gfDE2a7MKjA>

Part 2:

<https://youtu.be/61a7UkD050s>

Modules and package

11

<https://youtu.be/W4HSsPPQLtk>

59 , 60 video same playlist

Date and time

<https://youtu.be/tlmOm35lsps>

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NOTE:

In the second semester, there were branch-specific subjects which you might not find in this PDF. For that, you can connect with seniors of your specific branch.

SEM-2

MATHS

Do refer syllabus (updated)

Maths

Unit 1

<https://youtube.com/playlist?list=PLI4dU6GXOITKCgmbEN2u0l9w4lY8GjYmy>

Unit 2

<https://youtube.com/playlist?list=PLI4dU6GXOITKnGGwHkASr0rPHJvK7QPlq>

Unit 3

Math Sem-2 Unit-3 do refer syllabus

Mathcom

https://youtube.com/playlist?list=PLVCBPCYGv7bDWb3v_WfVgRKsBe5NVHVJY

Ye do playlist mili app dekh lena kis Mai sai apko better laga

Ek ye change in variable

<https://youtu.be/INSmyPdQbVc>

Separate video in dono mai mujhe nahi mila tha ye topic

Beta and gama functions

<https://youtu.be/NCI5MXUljtU>

Unit - 4

<https://youtube.com/playlist?list=PLU6SqdYcYsfLrTna7UuaVfGZYkNo0cpVC>

Unit 4

<https://youtube.com/playlist?list=PLWSeGFM7wfNauljDX98bXWTGicuEarsvz>

Unit-5

https://www.youtube.com/watch?v=V8F8We_-nuo&list=PLhSp9OSVmeyLB62_-fT9VNbjRkDEzJz_zp&ab_channel=MKSTUTORIALSbyManojSir

21-26

https://www.youtube.com/watch?v=V3iEsLPAD68&list=PLU6SqdYcYsfLRq3tu-g_hvkHDcorrtcBK&ab_channel=Dr.GajendraPurohit

DISCRETE

based on coe syllabus do refer current year syllabus

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DSA PLAYLIST FOR INTERVIEW PREPRATION

Unit -1* discrete structure

<https://youtube.com/playlist?list=PLXzXy5BWdJDH0oUxUV9aqQTQo5kc4buBA>

Unit 2

https://youtube.com/playlist?list=PLXzXy5BWdJDH_ypBWARDWjwU7AISYeNv3

Recursively defined sets

https://youtu.be/D_R7xJV75kc

For practice of topics or referring any topic general playlist of NESO Academy

<https://youtube.com/playlist?list=PLBlnK6fEyqRhqJPDxcvYILfXPh37L89g3>

u can search that particular topic in which u feel need of practice and see their solved example
it's a general playlist not according to syllabus

Discrete mathematics

Unit -3

125 - 145(lattice theory)

<https://youtube.com/playlist?list=PLBlnK6fEyqRhqJPDxcvYILfXPh37L89g3>

Group theory

https://youtube.com/playlist?list=PLmXKhU9FNesQrSgLxm6zx3XxH_M_8n3LA

Number theory

Just refer notes of your class and selectively study that topic from playlist

<https://youtube.com/playlist?list=PLKVbzgfwpmMauz1l-mPBBi9JXECMjQ43Mi>

Ring theory

<https://youtu.be/L52UWZWm0Eo>

Unit -4 Discrete Mathematics

<https://youtube.com/playlist?list=PLU6SqdYcYsfLV24T0XVb3z3mjl8QG0EBN>

Unit 5

https://youtube.com/playlist?list=PL_A4M5IAkMaf-WePkSulK_zt0yfQUrZgE

DSA

Complete DSA playlist based on coe syllabus (do refer syllabus) from your end

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[DSA PLAYLIST FOR INTERVIEW PREPARATION](#)(this is for interview)

(this is for college exams)

Main playlist

<https://youtube.com/playlist?list=PL-JvKqQx2AtcnX8uPrdjvCplAmwTSFhMO>

Remaining topics

<https://youtube.com/playlist?list=PL-JvKqQx2Atd-1Gs3WB8nmWOWRbEM7WW>

26,28, 29 and 45-54 , 38-44, 63

Tries :

<https://youtu.be/GP20ueb16co>

Two way merge sort :

<https://youtu.be/6pV2lF0fgKY>

https://youtu.be/mB5HXBb_HY8

Topological sorting :

https://youtu.be/dis_c84ejhQ

External sorting :

<https://youtu.be/cDxnDtorsc4>

<https://youtu.be/gA-zDxvQJJg>

Backtracking :

https://youtu.be/ALI_MLFmOG0

<https://youtu.be/oRTk5mTdXFA>

<https://youtu.be/JAxAfQanHy0>

String operations :

<https://youtu.be/-pSyzCWsBA8>

<https://youtu.be/Rj1Tcb5RFzU>

<https://youtu.be/bk-Bw7jzZK4>

DLD

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Do refer syllabus

DLD unit 1

Part 1
https://youtube.com/playlist?list=PLnfDRDYbeSHcP9_P-9RbRsMDdmG3hvBF9

Part 2

<https://youtube.com/playlist?list=PLnfDRDYbeSHfe7cnSdOJe9yGE37R3GnHw>

DLD unit 2

<https://youtube.com/playlist?list=PLnfDRDYbeSHc8PUKC2Ny4eTYrkYMgJRPc>

Code convertor

<https://youtu.be/cF-Q5j7RUEw>

<https://youtu.be/-qMm9hhvp9Y>

BCD adder

<https://youtu.be/9O70Ji7RCLQ>

ALU

<https://youtu.be/U6GDGzEGRgc>

Unit 3

https://youtube.com/playlist?list=PLI4dU6GX0ITlo_ZVppZ55y9qXY34KU3pP

Unit 4

<http://www.youtube.com/playlist?list=PLgwJf8NK-2e4mEOv0ttgW-am4wiqrpdcX>

Unit 5

Part1:

166-172

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

Part 2

<https://youtube.com/playlist?list=PLXzXy5BWdJDGuMQUwdbrH-Ils8IGdPDID>

Notes



If you are not able to open any drive use official Nsut email if Id

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Notes  

Together we grow

https://drive.google.com/drive/folders/1KCIHdHR9HIK_254uUE-rCi0pEmzWKCot?usp=sharing

Vishu notes

https://drive.google.com/drive/folders/12NSjxH0czDRf5fFo8QHMgQXpyz7GVkBP?usp=share_link

Senior drive link

12

<https://drive.google.com/drive/folders/1rRZNR10BmAicxpWJmcNJWeK8yPg2eulq>

https://drive.google.com/drive/folders/0Bzb8Td5Ns09CYVlrWjRiSHZpY00?resourcekey=0-CEWTska5w8T1F9JmIEU_0Q

<https://drive.google.com/folderview?id=1ca75MtpswXjuAy75Q7HcuQIO96K0uBV4>

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