

SEMESTER 1

----- Digital Circuits (DC) -----

Book -> Digital Design: M. Morris Mano

Link ->

📄 Digital Design 4th Edition - Morris Mano.pdf

YT playlist -> - -

<https://www.youtube.com/watch?v=M0mx8S05v60&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm>

https://www.youtube.com/watch?v=gXTpOP9AtQ8&list=PLir19lgiavA0EKRRN3xdARy_z44hKhNQc

Syllabus and Schedule link -> <http://techtree.iiitd.edu.in/viewDescription/filename?=ECE111>

----- Linear Algebra (LA) -----

Book -> David Lay: Linear Algebra and Its Applications, 3rd (Indian Edition), Pearson. Link ->

- (5th edition)

📄 Digital Design 4th Edition - Morris Mano.pdf

YT playlist ->

- <https://www.youtube.com/watch?v=QVKj3LADCnA&list=PL49CF3715CB9EF31D>

- https://www.youtube.com/playlist?list=PLW3u28VuDAHJNrf3JCgT0GG_rjFVz0-j9

- <https://www.youtube.com/watch?v=3HoSPQmpzKc&list=PLdM-WZokR4taLvoJPvfHwF8m0Q1K6Qvmz>

- _____ (for virtual tut. of algebra)

https://www.youtube.com/playlist?list=PLZHQObOWTQDPD3MizzM2xVFitgF8hE_ab

Syllabus and Schedule link -> <http://techtree.iiitd.edu.in/viewDescription/filename?=MTH100>

----- Introduction Human-Computer Interaction (IHCI) -----

Book -> Interaction Design: Beyond Human-Computer Interaction. 2019. (5th Edition) by Jenny Preece, Helen Sharp, Yvonne Rogers (Wiley)

Link ->

https://opac.atmaluhur.ac.id/uploaded_files/temporary/DigitalCollection/NjY3Yzg5NDU2YmFIYjZIMDk5MGYyNmQ4ZjJiOGM4NzU0MjUxM2ZiOQ==.pdf

YT playlist (Our Batch's rec. xD) ->

https://www.youtube.com/watch?v=SWafYeoCVYc&list=PL9rvax0EIUA7KMhdCpivAFrocxbd_s7Z-

Syllabus and Schedule link -> <http://techtree.iiitd.edu.in/viewDescription/filename?=DES102>

----- Introduction to Programming (IP) -----

Book -> Wesley J. Chun: Core Python Programming: Prentice-Hall, 2006 (2nd Ed.)

Link ->

<https://theswissbay.ch/pdf/Gentoomen%20Library/Programming/Python/Core%20Python%20Programming%2C%20Second%20Edition%20%282006%29.pdf>

YT playlist ->

<https://www.youtube.com/watch?v=gfDE2a7MKjA&t=7216s>

<https://www.youtube.com/watch?v=QXeEoD0pB3E&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3>

(Till 60th video)

Other Source ->

<https://www.programiz.com/python-programming>

Syllabus and Schedule link -> <http://techtree.iiitd.edu.in/viewDescription/filename?=CSE101>

----- Coding Resources -----

- <https://codingbat.com/python>

- <https://www.hackerrank.com/domains/python>

- <https://www.w3schools.com/python/default.asp>

- <https://www.programiz.com/python-programming>

- python mind-map -> <https://www.geeksforgeeks.org/python-programming-language/>

- python visualizer to understand the code flow ->

<https://pythontutor.com/visualize.html> (Very Useful)