SEMESTER 1

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

Book -> Digital Design: M. Morris Mano
Link ->
https://drive.google.com/file/d/1vhZBgJBocq8y26on-0hRwgzmRa6NWdAR/view?usp=sharing

YT playlist -> - -
https://www.youtube.com/watch?v=M0mx8S05v60&list=PLBInK6fEyqRjMH3mWf6kwqiTbT798eAOm
https://www.youtube.com/watch?v=gXTpOP9AtQ8&list=PLir19IgiavA0EKRRN3xdARy_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)
https://drive.google.com/file/d/1UPeIzQjAlPosnKSFv3AB_DujBiBed-_O/view?usp=sharing

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://drive.google.com/file/d/1PZxIX5c0JXe2ZSUtzHRlVCtu07nf5fLe/view?usp=sharing

YT playlist (Our Batch's rec. xD) ->
https://www.youtube.com/watch?v=SWafYeoCVYc&list=PL9rvax0EIUA7KMhdCpjvAFroczbd_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://drive.google.com/file/d/1ACVK9Cj6n4IQXe4I5JqIOMKzA1RJMG73/view?usp=sharing
https://drive.google.com/file/d/13sjPY9n_kL99gfkqUZ9DV1B1ybiONexx/view?usp=sharing

YT playlist ->
https://www.youtube.com/watch?v=gfDE2a7MKjA&t=7216s
https://www.youtube.com/watch?v=QXeEoD0pB3E&list=PLsyeobzWxI7poL9JTVyndKe62ieoN-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)