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| Subject : Digital Logic and Computer Architecture  Semester: III | | |
| Sr. no | Topic name | One note link |
| 1 | Logic gates | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EkN1BR4WXlBPnsGr-eJF9p0BTU65enu8iHYtdDVrVJKFMQ?e=ZueeEm |
| 2 | code | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/ElWh1rUOkOxBtf6OAXNl1X8BdSiC5vOr0VYvUaW87CLpxA?e=NCBVyH |
| 3 | Boolean Algebra | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EkRUwjVCNq1CgmazUo2cNmEBZSRMadljZt9p0qykhicf-Q?e=iqLwuU |
| 4 | Restoring algorithm | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EuD1LoPpUuNMinIhajr9-58BNbBWTPyYgw33ANiYn7RqfA?e=Ks4zf6 |
| 5 | Booths algorithm | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/ErEMZpybjidLuk\_koTKwjSQBq4nxMqMVVbfzmLZ8CiVMiA?e=cFr75F |
| 6 | IEEE formats | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EkJOoGvJ86hCsIZ8rbAJnVEB--oDsCPHD9LLCg8XMFQbGQ?e=KMXotw |
| 7 | Kmaps | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/Eic3MEBjU6dJp4I3q\_7gSAcBE9pgLW4mtDH\_Azy2bYiFow?e=mFNC9x |
| 8 | BCD Arithmetic | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EhG\_waNUC\_RCsEiYhdfiuy0Butus6RUzzJ6GX7Ydi8Dukg?e=K3MrAm |
| 9 | Flip-flops | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/ElSHlAxahChNiU5S5U\_RHpoBVYanQbS3L3DlbLIzwyo43w?e=18sGfi |
| 10 | MUX-DMUX | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EuiaHl0NsypLshHZN34Su-MBGVZ6g26jh\_Ii1gueUXGH2Q?e=JPJfzj |
| 11 | Instruction cycle | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EhJlvUAtZg5MiWRAav51iC4Br5PDDVic5bL8W\_VYVTXO-Q?e=Qgh5SX |
| 12 | Control unit design | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EnwUePWf5QpBubSLFsrbc5YBDu80GsecvWBGKl7gpn5SvQ?e=zcrAt5 |
| 13 | Memory Orgnization | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EiPMehvBuG5Cht4BtufCL6cBof1ROGgPRjaA6CJkLEOEdw?e=4XdDhX |
| 14 | Cache Memory | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EgeFP8gKX0FMiYvsyHegj7ABHv7bTxHqVSk4Obs8Nh\_0ww?e=J9mZFl |
| 15 | pipelining | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EtLcz2PBXoVIldk9YBgcUHkBcCXLCkkOzo0e2N-XKESgnw?e=ecvABa |
| 16 | Flynn’s clasifivcation | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EqgBs2ZS79pGn6LRiZ8E8xoBaWBFw6s7J3vwdebuHvQByw?e=g4GHZw |
| 17 | Bus arbitration | https://viteduin59337-my.sharepoint.com/:o:/g/personal/suvarna\_bhat\_vit\_edu\_in/EoexAU9zzXJCnqyVE6DWgbEBHvB9Q0PW6bHy2tOpRAwpTw?e=eWqGMO |