



BK Birla Institute of Engineering & Technology, Pilani (Raj.)

Department of Computer Science and Engineering

NPTEL Courses Links

III SEMESTER

Subject Code	Subject Name	NPTEL Link
3CS2-01	Advanced Engineering Mathematics	https://nptel.ac.in/courses/122/101/122101003/
3CS1-03/4CS1-03	Managerial Economics and Financial Accounting	https://nptel.ac.in/courses/110/101/110101131/
3CS3-04	Digital Electronics	https://nptel.ac.in/courses/108/105/108105113/
3CS4-05	Data Structures and Algorithms	https://nptel.ac.in/courses/106/102/106102064/
3CS4-06	Object Oriented Programming	https://nptel.ac.in/courses/106/105/106105151/
3CS4-07	Software Engineering	https://nptel.ac.in/courses/106/105/106105182/

IV SEMESTER

Subject Code	Subject Name	NPTEL Link
4CS2-01	Discrete Mathematics Structure	https://nptel.ac.in/courses/122/103/122103012
3CS1-02/ 4CS1-02	Technical Communication	https://nptel.ac.in/courses/109/106/109106094
4CS3-04	Microprocessor & Interfaces	https://nptel.ac.in/courses/108/105/108105102
4CS4-05	Database Management System	https://nptel.ac.in/courses/106/104/106104135
4CS4-06	Theory Of Computation	https://nptel.ac.in/courses/106/103/106103070
4CS4-07	Data Communication and Computer Networks	https://nptel.ac.in/courses/106/105/106105183

V SEMESTER

Subject Code	Subject Name	NPTEL Link
5CS3-01	Information Theory & Coding	https://nptel.ac.in/courses/117/101/117101053
5CS4-02	Compiler Design	https://nptel.ac.in/courses/106/105/106105190/
5CS4-03	Operating System	https://nptel.ac.in/courses/106/106/106106144
5CS4-04	Computer Graphics & Multimedia	https://nptel.ac.in/courses/105/104/1051041
5CS4-05	Analysis of Algorithms	https://nptel.ac.in/courses/106/101/106101060/
5CS5-11	Wireless Communication	https://nptel.ac.in/courses/117/102/117102062/

VI SEMESTER

Subject Code	Subject Name	NPTEL Link
6CS3-01	Digital Image Processing	https://nptel.ac.in/courses/117/105/117105079/
6CS4-02	Machine Learning	https://nptel.ac.in/courses/106/106/106106139/
6CS4-03	Information Security System	https://nptel.ac.in/courses/106/106/106106129/
6CS4-04	Computer Architecture and Organization	https://nptel.ac.in/courses/106/105/106105163/
6CS4-05	Artificial Intelligence	https://nptel.ac.in/courses/106/105/106105077/
6CS4-06	Cloud Computing	https://onlinecourses.nptel.ac.in/noc21_cs15/pre
6CS5-11	Distributed System	https://nptel.ac.in/courses/106/106/106106168/

VII SEMESTER

Subject Code	Subject Name	NPTEL Link
7CS4-01	Internet of Things	https://nptel.ac.in/courses/106/105/106105166
7PE6-60.2	Water Pollution Control Engineering	https://nptel.ac.in/courses/105/107/105107207/

VIII SEMESTER

Subject Code	Subject Name	NPTEL Link
8CS4-01	Big Data Analytics	https://nptel.ac.in/courses/106/104/106104189
8EE6-60.2	Soft Computing (Elective)	https://nptel.ac.in/courses/127/106/127106019/