



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



DEPARTMENT OF INFORMATION TECHNOLOGY

NPTEL COURSES IDENTIFIED FOR HONOURS DEGREE FOR THE PERIOD JUL - OCT, 2023

The Tentative list of NPTEL courses for Honours Degree approved by IT Department are given below.

AY: 2022-23

S.No.	Course ID	Course Name	Eligibility	Duration	Enrollment End date	Exam Registration End date	Click here to join the course
1	noc23-cs100	Reinforcement Learning	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs100/preview
2	noc23-cs102	Parameterized Algorithms	II Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs102/preview
3	noc23-cs103	Getting Started With Competitive Programming	II Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs103/preview
4	noc23-cs106	Social Network Analysis	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs106/preview
5	noc23-cs108	The Joy Of Computing Using Python	I Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs108/preview
6	noc23-cs113	Multi-Core Computer Architecture	II Year	8 Weeks + 4 Weeks (New)	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs113/preview
7	noc23-cs114	C-Based VLSI Design	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs114/preview
8	noc23-cs115	Computer Graphics	II Year	8 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs115/preview
9	noc23-cs116	Design & Implementation Of Human-Computer Interfaces	II Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs116/preview
10	noc23-cs118	Introduction To Computer And Network Performance Analysis Using Queuing Systems	IV Year	4 Weeks	August 21, 2023	September 15, 2023	https://onlinecourses.nptel.ac.in/noc23_cs118/preview
11	noc23-cs121	Problem Solving Through Programming In C	I Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs121/preview
12	noc23-cs124	Demystifying Networking	III Year	4 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs124/preview
13	noc23-cs66	Software Conceptual Design	II Year	4 Weeks	August 21, 2023	September 15, 2023	https://onlinecourses.nptel.ac.in/noc23_cs66/preview
14	noc23-cs67	Computer Architecture	II Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs67/preview
15	noc23-cs68	Advanced Distributed Systems	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs68/preview



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16	noc23-cs69	Privacy And Security In Online Social Media	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs69/preview
17	noc23-cs75	Ethical Hacking	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs75/preview
18	noc23-cs76	Hardware Modeling Using Verilog	III Year	8 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs76/preview
19	noc23-cs78	Programming In Modern C++	II Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs78/preview
20	noc23-cs80	Natural Language Processing	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs80/preview
21	noc23-cs84	Statistical Learning For Reliability Analysis	I Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs84/preview
22	noc23-cs86	Machine Learning For Earth System Sciences	III Year	8 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs86/preview
23	noc23-cs90	Google Cloud Computing Foundations	III Year	8 Weeks	August 21, 2023	September 15, 2023	https://onlinecourses.nptel.ac.in/noc23_cs90/preview
24	noc23-cs91	Software Testing (IIITB)	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs91/preview
25	noc23-cs92	Artificial Intelligence : Search Methods For Problem Solving	II Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs92/preview
26	noc23-cs94	Introduction To Haskell Programming	II Year	8 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs94/preview
27	noc23-cs99	Python For Data Science	III Year	4 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs99/preview
28	noc23-cs126	Deep Learning for Computer Vision	III Year	12 Weeks	July 31, 2023	August 18, 2023	https://onlinecourses.nptel.ac.in/noc23_cs126/preview

Note:(i) Student shall be permitted to take a maximum of 2 theory courses / courses equivalent to 6 credits during any semester for additional learning towards Honours curriculum.

(ii) Choose above NPTEL courses which are not studied in your B.E IT Program.

(iii) 12 weeks course carries 3 credits, 8 weeks course carries 2 credits, 4 weeks course carries 1 credit.


Head of the Department, IT