

Guru Nanak Dev Engineering College, Ludhiana
Department of Computer Science and Engineering

Ref. No.: CSE/2286

Date: 27/07/2022

Notice For Honours Degree

The students of B.Tech. (Computer Science and Engineering) (2019 batch onwards) can opt for honour degree as per the following guidelines:

1. List of subjects for session August-December, 2022 which can be opted through MOOCs:

S. No.	Course Id	Course Name	Institute	Duration	Click here to join the course
1	noc22-cs62	Computational Number Theory and Algebra	IITK	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs62/preview
2	noc22-cs75	Reinforcement Learning	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs75/preview
3	noc22-cs77	Introduction to Game Theory and Mechanism Design	IITB	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs77/preview
4	noc22-cs80	Advanced Distributed systems	IITD	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs80/preview
5	noc22-cs81	Parameterized Algorithms	IIT Gandhinagar IMSC	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs81/preview
6	noc22-cs82	Getting Started with Competitive Programming	IIT Gandhinagar	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs82/preview
7	noc22-cs83	Applied Accelerated Artificial Intelligence	IIT Palakkad KLE Technological University NVIDIA	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs83/preview
8	noc22-cs95	Introduction To Industry 4.0 And Industrial Internet of Things	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs95/preview
9	noc22-cs109	C-Based VLSI Design	IITG	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs109/preview
10	noc22-cs116	Algorithmic Game Theory	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs116/preview
11	noc22-cs117	Social Network Analysis	IIITD	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs117/preview
12	noc22-cs120	Statistical learning for Reliability Analysis	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs120/preview
13	noc22-cs121	Social Networks	IIT Ropar	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs121/preview

14	noc22-cs122	The Joy of Computing using Python	IIT Ropar	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs122/preview
15	noc22-cs126	Computational Complexity	IIT Hyderabad	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs126/preview

2. The subjects should be chosen other than in the study scheme 2018 of B.Tech. (CSE).
3. Twenty (18 to 20) credits can be earned through MOOCs to secure an honour degree.
4. The student cannot choose the course having similar contents, already studied by him/her through MOOCs.
5. Choice of one course other than the parent branch is allowed from the following list.

S. No.	Course Id	Course Name	Institute	Duration	Click here to join the course
1	noc22-ge21	Neuroscience of Human Movements	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ge21/preview
2	noc22-ge22	Numerical Methods for Engineers	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ge22/preview
3	noc22-ge26	Learning Analytics Tools	IITB	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ge26/preview
4	noc22-ge28	Solar Energy Engineering and Technology	IITG	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ge28/preview
5	noc22-ge30	Vacuum Technology & Process Application	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ge30/preview

HOD(CSE)