

Guru Nanak Dev Engineering College, Ludhiana

Department of Computer Science and Engineering

Ref. No.: CSE/30/1714

Date:15/7/2024

Notice for Honour Degree

The students of B.Tech(CSE)(2021 Batch onwards) can opt for Honour Degree as per the following guidelines:

1. List of subjects for session July-December, 2024 which can be opted through MOOCs:

3rd Semester (2023-2027 Batch)

Sr. No.	Course ID	Course Name	Click here to Join the course	Institute	Duration
1	noc24-cs87	Computational Arithmetic - Geometry for Algebraic Curves	https://onlinecourses.nptel.ac.in/noc24_cs87/preview	IIT Kanpur	12 Weeks
2	noc24-cs113	The Joy of Computing using Python	https://onlinecourses.nptel.ac.in/noc24_cs113/preview	IIT Ropar	12 Weeks

5th Semester (2022-2026 Batch)

Sr. No.	Course ID	Course Name	Click here to Join the course	Institute	Duration
1	noc24-cs100	Randomized Methods in Complexity	https://onlinecourses.nptel.ac.in/noc24_cs100/preview	IIT Kanpur	12 Weeks
2	noc24-cs117	Parameterized Algorithms	https://onlinecourses.nptel.ac.in/noc24_cs117/preview	IIT Gandhinagar and	12 Weeks
3	noc24-cs103	Getting Started with Competitive Programming	https://onlinecourses.nptel.ac.in/noc24_cs103/preview	IIT Gandhinagar	12 Weeks
4	noc24-cs94	Ethical Hacking	https://onlinecourses.nptel.ac.in/noc24_cs94/preview	IIT Kharagpur	12 Weeks
5	noc24-cs97	Approximation Algorithm	https://onlinecourses.nptel.ac.in/noc24_cs97/preview	IIT Kharagpur	12 Weeks

7th Semester (2021-2025 Batch)

Sr. No.	Course ID	Course Name	Click here to Join the course	Institute	Duration
1	noc24-cs102	Reinforcement Learning	https://onlinecourses.nptel.ac.in/noc24_cs102/preview	IIT Madras	12 Weeks
2	noc24-cs90	Social Network Analysis	https://onlinecourses.nptel.ac.in/noc24_cs90/preview	IIT Delhi	12 Weeks
3	noc24-cs109	Algorithmic Game Theory	https://onlinecourses.nptel.ac.in/noc24_cs109/preview	IIT Kharagpur	12 Weeks
4	noc24-cs132	Responsible & Safe AI Systems	https://onlinecourses.nptel.ac.in/noc24_cs132/preview	IIT Hyderabad and IIT Madras	12 Weeks
5	noc24-cs106	Computational Complexity	https://onlinecourses.nptel.ac.in/noc24_cs106/preview	IIT Hyderabad	12 Weeks

2. Subjects should be chosen other than study scheme 2018 of B.Tech(CSE).
3. 18 to 20 credits can be earned through MOOCs to secure an honour degree.
4. The student can not choose the course with similar contents, already studies by him/her through MOOCs.
5. After registering for MOOCs course students are required to submit the duly filled performa (attached with notice) and submit in the department office by July, 2024.
6. Choice of one course other than parent branch is allowed from the following list:

Sr. No.	Course ID	Course Name	Click here to Join the course	Institute	Duration
1	noc24-ag17	Natural Resources Management	https://onlinecourses.nptel.ac.in/noc24_ag17/preview	IIT Guwahati	12 Weeks
2	noc24-ag15	Dairy and Food Process and Products Technology	https://onlinecourses.nptel.ac.in/noc24_ag15/preview	IIT Kharagpur	12 Weeks
3	noc24-ce106	Availability and Management of Groundwater Resources	https://onlinecourses.nptel.ac.in/noc24_ce106/preview	IIT (ISM Dhanbad)	12 Weeks
4	noc24-hs173	The Science of Happiness and Wellbeing	https://onlinecourses.nptel.ac.in/noc24_hs173/preview	IIT Kharagpur	12 Weeks

5	noc24- hs163	Stress Management	https://onlinecourses.nptel.ac.in/noc24_hs163/preview	IIT Kharagpur	12 Weeks
6	noc24- hs167	Water, Society And Sustainability	https://onlinecourses.nptel.ac.in/noc24_hs167/preview	IIT Kharagpur	12 Weeks

HOD(CSE)

CC:

1. Dean Academics
2. BOS File
3. Department website

Department of Computer Science and Engineering

Performa for Degree with Honours

(MOOCs Course)

Session: July-December 2024

Course:	Bachelor of Technology
Branch:	_____
Batch:	_____
University Roll No.:	_____
Name of Student:	_____
Father's Name:	_____
Semester/Year:	_____
Contact Number:	_____
Course Name (Offered by department):	_____
Course Id:	_____

Signature of Student (with date)

Signature of HoD

Encl. Previous MOOCs Course Certificates