



Department of Computer Science and Engineering

The Department of Computer Science and Engineering is offering “Honours” and “Additional Minor Engineering” degree under the following rules and eligibility criteria.

Students, who have taken admission on or after 2018-19 academic year, will be eligible to get Undergraduate Degree with “Honours” or “Additional Minor Engineering”, if he/she completes an additional 20 credits through MOOCs/NPTEL any other on-line courses proctored exam only, apart from 160 academic credits.

INSTRUCTIONS FOR HONOURS DEGREE:

- 1 For **Honors or Minor Engineering**, a student has to earn at least twenty (20) additional credits from professional courses.
- 2 The students should choose a course from the list against each semester (from Honours course structure) other than the courses they have studied/registered for regular B.E. programme. No course should be identical to that of the regular B.E. course. The students should take the advice of faculty mentors while registering for a course at the beginning of semester
- 3 For "Honours", a student has to earn additional credits from their discipline.
- 4 Credits for 4 weeks course is-1, for 8 weeks course is-2, for 12 weeks course is-3.
- 5 A student must ensure that he/she shall earn these additional credits before the completion of the regular B.E. programme.
- 6 It is the student's responsibility for registering the courses through ONLINE and the required registration fee shall be borne by the respective student.
- 7 Students have to register for the courses with the approval of the Head of the Department.
- 8 A student is eligible to opt either for "**Honours**" or "**Additional Minor Engineering**", **not eligible for the both**.
- 9 There is no transfer of credits from courses of Honours programme to regular B.E. degree course & vice versa.
- 10 The choice to opt/take the Honours programme is purely on the choice of the students.
- 11 The student shall be given a choice of withdrawing all the courses registered and/or the credits earned for Honours programme at any time; and in that case the student will be awarded only B.E. degree in the concerned branch on earning the required credits of 160.
- 12 A student can graduate with Honours if he/she fulfills the requirements for his/her regular B.E. programme as well as fulfills the requirements for the Honours programme.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)
Department of Computer Science and Engineering
ONLINE EQUIVALENT COURSES FOR HONOURS DEGREE Jan. 2026 (Even Semester)

Date: 08-01-2026

The Tentative list of courses for CSE-Honours Degree approved by Computer Science and Engineering Department BoS are as follows:

Note:

1. Students can choose courses that they have not studied in the earlier semesters and shall not study in the curriculum of forthcoming semesters.
2. If the chosen course is available as a professional elective in the regular curriculum, then that elective should not be studied in the regular curriculum.
3. **Students with CGPA 7.5 and above are only eligible to register for Honours degree.**
4. Courses completed for Honours degree cannot be claimed for any other Activity points or Internships or Credit transfers.
5. 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.

NPTEL Course registration last date: 26-01-2026

S.N	Course Code	Course Name	Eligibility	Institute	Duration	Credits	Start date	End date	Exam date	NPTEL Link
1	H25CS E11	Introduction to Haskell Programming	II Sem	IIT Madras	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 24, 2026	https://onlinecourses.nptel.ac.in/noc26_cs12/preview
2	H25CS E12	Getting Started with Competitive Programming	II Sem	IIT Gandhinagar	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 17, 2026	https://onlinecourses.nptel.ac.in/noc26_cs69/preview
3	H25CS E13	Blockchain and its Applications	IV Sem	IIT Kharagpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 24, 2026	https://onlinecourses.nptel.ac.in/noc26_cs34/preview
4	H25CS E14	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	IV Sem	IBM and IIT Madras	4 Weeks	1	Jan 19, 2026	Feb 13, 2026	March 28, 2026	https://onlinecourses.nptel.ac.in/noc26_cs89/preview
5	H25CS E15	Statistical Foundation for Big Data Analysis	IV Sem	IIT Kharagpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 19, 2026	https://onlinecourses.nptel.ac.in/noc26_cs09/preview
6	H25CS E16	Practical High-Performance Computing	VI Sem	IIT Kanpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 25, 2026	https://onlinecourses.nptel.ac.in/noc26_cs32/preview
7	H25CS E17	Introduction to Industry 4.0 and Industrial Internet of Things	VI Sem	IIT Kharagpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 26, 2026	https://onlinecourses.nptel.ac.in/noc26_cs38/preview
8	H25CS E18	Exploratory Data Analysis for Data Science with R Software	VI Sem	IIT Kanpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 25, 2026	https://onlinecourses.nptel.ac.in/noc26_cs07/preview

9	H25CS E19	Parallel Computer Architecture	VIII Sem	IIT Guwahati	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 26, 2026	https://onlinecourses.nptel.ac.in/noc26_cs25/preview
10	H25CS E20	Foundations of Cyber Physical Systems	VIII Sem	IIT Kharagpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 26, 2026	https://onlinecourses.nptel.ac.in/noc26_cs41/preview
11	H25CS E21	GPU Architectures and Programming	VIII Sem	IIT Kharagpur	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 25, 2026	https://onlinecourses.nptel.ac.in/noc26_cs43/preview
12	H25CS E22	Reinforcement Learning	VIII Sem	IIT Madras	12 Weeks	3	Jan 19, 2026	Apr 10, 2026	April 18, 2026	https://onlinecourses.nptel.ac.in/noc26_cs81/preview


CSE-Honours Coordinator


Head, Dept. of CSE

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