



CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

46
years

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 July-2025 (Odd Semester)

Date: 01-07-2025

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: 28-07-2025

| S.No. | Course Code | Course Name | Eligibility | Institute | Duration | Credits | Start date | End date | Exam date | NPTEL Link |
|-------|-------------|--|-------------|--------------------|----------|---------|-----------------|--------------------|--------------------|---|
| 1 | H25CS E01 | Getting Started with Competitive Programming | III Sem | IIT Gandhinagar | 12 Weeks | 3 | July 21, 2025 | October 10, 2025 | October 26, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs97/preview |
| 2 | H25CS E02 | Introduction to Quantum Computing: Quantum Algorithms and Qiskit | III Sem | IBM and IIT Madras | 4 Weeks | 1 | July 21, 2025 | August 15, 2025 | September 20, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs95/preview |
| 3 | H25CS E03 | Computer Graphics | III Sem | IIT Guwahati | 8 Weeks | 2 | July 21, 2025 | September 12, 2025 | September 21, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs133/preview |
| 4 | H25CS E04 | Big Data Computing | V Sem | IIT Patna | 8 Weeks | 2 | August 18, 2025 | October 10, 2025 | November 2, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs131/preview |
| 5 | H25CS E05 | Introduction to Industry 4.0 and Industrial Internet of Things | V Sem | IIT Kharagpur | 12 Weeks | 3 | July 21, 2025 | October 10, 2025 | November 1, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs146/preview |
| 6 | H25CS E06 | Algorithmic Game Theory | V Sem | IIT Kharagpur | 12 Weeks | 3 | July 21, 2025 | October 10, 2025 | November 2, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs151/preview |
| 7 | H25CS E07 | Reinforcement Learning | VII Sem | IIT Madras | 12 Weeks | 3 | July 21, 2025 | October 10, 2025 | October 25, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs92/preview |
| 8 | H25CS E08 | Software Project Management | VII Sem | IIT Kharagpur | 12 Weeks | 3 | July 21, 2025 | October 10, 2025 | October 26, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs109/preview |
| 9 | H25CS E09 | Social Network Analysis | VII Sem | IIT Delhi | 12 Weeks | 3 | July 21, 2025 | October 10, 2025 | October 26, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs100/preview |

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| 1 0 | H25CS E10 | Programming with Generative AI | VII Sem | IISc Bangalore | 8 Weeks | 2 | August 18, 2025 | October 10, 2025 | November 1, 2025 | https://onlinecourses.nptel.ac.in/noc25_cs137/preview |
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CSE-Honours Coordinator

E. KALPANA

Head, Dept. of CSE

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