

**Academic Regulations for
Bachelor of Technology (B.Tech.) Honors/Minor
Program**

(for the students admitted from the Academic Year 2024-25)



September, 2025

INDEX

1. Preamble	3
2. Duration of the Program.....	3
3. About B.Tech. (Honors/Minor) program	3
4. Eligibility Criteria for Registration	4
5. Registration Procedure	5
6. Instruction.....	5
7. Semester End Examinations (SEE)	6
8. Provision for early registration of MOOCs course(s)	7
9. Passing Standards.....	7
10. Transfer of Credits	7
11. Change of Specialization/Discipline	8
12. Eligibility for Award of the B. Tech. (Honors/Minor) degree	8
13. Transcripts.....	8
14. Withdrawing.....	8

TABLES

Table No.	Description	Page No.
Table 1	Eligibility Criteria for Registration into B. Tech. (Honors/Minor) program	4
Table 2	Evaluation format of SEE for Theory courses	6
Table 3	Evaluation components of Practical and Assignments	6

Academic Regulations for B. Tech (Honors/Minor) Program

(With effect from the Academic Year 2025-26)

1. Preamble

- 1.1 **Honors:** The Honors program is designed to facilitate the students to pursue additional courses by deep dive into emerging areas within their discipline. The Honors program shall be offered by the parent/allied department. Artificial Intelligence, Computer Science & Engineering, and Information Technology are allied departments.
- 1.2 **Minor:** Students, who are desirous of pursuing their special interest areas other than their branch of engineering, may opt for additional courses in minor specialization offered by a department other than their parent department. Eligible students shall select the stream of courses offered by the respective departments and earn a Minor degree.
- 1.3 The objectives of the B. Tech. (Honors/Minor) program are to:
- Deep dive into emerging / multidisciplinary approach for acquiring additional knowledge and skills
 - Enhance the employability of undergraduate students with expanded knowledge and competencies
 - Foster research aptitude and prepare students for higher education, innovation and lifelong learning.
- 1.4 The regulations governing the B. Tech. (Honors/Minor) program have been framed in accordance with the AICTE Approval Process Handbook (APH) 2021-22 and its subsequent revisions, as well as the AICTE Model curriculum for undergraduate programs in Engineering and Technology, Vol. I & II, January, 2018 and its subsequent revisions.
- 1.5 These regulations come into force with effect from the academic year 2025-26 onwards.

2. Duration of the Program

- 2.1 The B.Tech. (Honors/Minor) program shall be pursued concurrently with the regular B.Tech. program in which he/she admitted. The duration of the program shall normally be the same as that of the B.Tech. program, and all requirements for the Honors/Minor degree must be completed within the prescribed minimum duration of the B.Tech. program.
- 2.2 The B.Tech. (Honors/Minor) program shall each be offered with a total credit requirement of 18 in addition to the regular B.Tech. program credits.

3. About B.Tech. (Honors/Minor) program

- 3.1 A student is permitted to register for either B. Tech. (Honors) or B. Tech. (Minor), but not both.
- 3.2 B.Tech. (Honors) program shall comprise either five courses without a project work, or four courses with project work. If undertaken, the project shall carry three credits.
- 3.3 B.Tech. (Minor) program shall consist of five courses and shall not include any project work.

- 3.4 The students opting for B. Tech. (Honors/Minor) program shall have to take the prescribed courses announced at the beginning of the semester through course registration.
- 3.5 B. Tech. (Honors/Minor) program courses offered through MOOCs platform(s) with a support of a faculty mentor.
- 3.6 The credit equivalence for SWAYAM-NPTEL course is given as: 12 weeks course – 3 credits; 8 weeks course – 2 credits.
- 3.7 Courses offered in Honors/Minor program, may or may not include a laboratory component.
- 3.8 In case of courses offered through SWAYAM/NPTEL carrying more than three credits, only three credits shall be considered for credit transfer. The additional credit may be allocated to laboratory work/assignments, or project-based activities conducted at the Department level. In such cases, if the MOOC course carries N credits, it shall be evaluated as $N+1$ credits, with the additional credit assessed through internal evaluation. The additional one credit shall be graded on a 'Satisfactory/Unsatisfactory' basis through departmental/internal evaluation and will not be added to the marks awarded by the MOOC platform. The respective Head of the Department shall ensure that such evaluations are duly recorded and maintained for academic audit purposes, if required.
- 3.9 Only one Minor program shall be offered by the CSE allied branches (CSE/IT/AI/AIML/CSE–DS/ CSE–CS). Upon successful completion of the Minor program, the student shall be given the option to issue a Minor degree in B.Tech. under CSE/IT/AI/AIML/DS/CS.
- 3.10 Students who do not qualify in the SWAYAM/NPTEL or any notified certification examinations shall either register for a university-conducted examination conducted for 100 marks through self-paced learning or reappear for the respective notified MOOCs examination.

4. Eligibility Criteria for Registration

- 4.1 B. Tech. (Honors/Minor) programs are open to Engineering / Technology undergraduate students who have taken admission on or after the academic year 2024 – 25.
- 4.2 A student who intends to register for the B. Tech. (Honors/Minor) program shall fulfill the following academic requirements:

Offering	Category	CGPA		Backlogs	
		CGPA	By when?	Active Backlogs	By when?
B. Tech. (Honors)	Regular (students who are admitted in 1 st semester)	7.5	At the end of 2 nd semester	Shall not have active backlogs	At the end of 2 nd semester
	Lateral Entry ⁺ (students who are admitted in 3 rd semester)	7.5	At the end of 3 rd semester	Shall not have active backlogs	At the end of 3 rd semester
B. Tech. (Minor)	Regular (students who are admitted in 1 st semester)	NA		Shall not have active backlogs	At the end of 2 nd semester
	Lateral Entry ⁺ (students who are admitted in 3 rd semester)	NA		Shall not have active backlogs	At the end of 3 rd semester

Table 1: Eligibility Criteria for Registration into B. Tech. (Honors/Minor) program

+ For lateral entry students, a provisional registration for B. Tech. (Honors/Minor) program shall be allowed from the 3rd semester after payment of the prescribed fees which enables them to register course(s). However, their registration will be validated upon fulfillment of the academic requirements as mentioned in [Table 1](#). If he/she fails to satisfy the academic requirements, their provisional registration stands cancelled and fee paid will be returned.

5. Registration Procedure

- 5.1 Any student meeting the eligibility criteria specified in [Table 1](#), and intends to register for the B. Tech. (Honors/Minor) program shall apply to the Dean, School of Engineering in the prescribed form after paying the prescribed fee within the stipulated time as mentioned in the notification.
- 5.2 The registration for B. Tech. (Honors/Minor) program shall be allowed from the 3rd semester onwards and no later than the beginning of the 5th semester.

6. Instruction

- 6.1 The instruction shall be through on-line MOOCS platforms like SWAYAM/NPTEL/any other notified on-line platforms or blended learning mode with the approval of the Board of Studies.
- 6.2 Before the commencement of each semester, the department (which offers the Honors/Minor) shall notify the list of courses. A copy of the listed courses shall be forwarded to the Dean – Examinations/Controller of Examinations.
- 6.3 A student is allowed to register for a maximum of three courses (excluding laboratory courses) in a semester along with their regular B. Tech courses.
- 6.4 Students shall register for the courses which they wish to take in that semester. It is suggested to consult the faculty advisor while registering for a course(s).
- 6.5 The Project Work (which is optional) as a part of B. Tech (Honors) should be undertaken through a registration process at the beginning of the 5th semester and should be completed by the end of the 7th semester.
- 6.6 A student may complete SWAYAM-NPTEL courses and transfer equivalent credits to complete the mandatory credit requirements of the B. Tech. (Honors/Minor) program.
- 6.7 Students shall register for the approved courses as per the schedule announced by SWAYAM-NPTEL or any other notified certification(s) within the academic calendar in which such courses are published.
- 6.8 A student is not permitted to register for a course which he/she has already undertaken as part of their regular B. Tech program. The Chairman BoS, shall ensure that such overlaps are avoided.

7. Semester End Examinations (SEE)

7.1 Students who either wish to appear for university-conducted examinations, or who do not qualify in the SWAYAM/NPTEL/any other notified certification examinations, shall be permitted to register for a university-conducted examination of 100 marks, based on self-paced learning.

7.2 All rules pertaining to conduct of SEE, valuation, revaluation, challenge valuation, etc., of regular B. Tech program are applicable to B. Tech. (Honors/Minor).

7.2.1 Theory Courses:

For theory courses, the SEE will be conducted for 100 marks. The question paper will consist of two parts viz., i) Part-A for 30 marks, ii) Part-B for 70 marks as detailed in Table 2.

Section	Type	Bloom's taxonomy level	No. of Test Items (TI)	TIs to be attempted	Marks for Each TI	Max. Marks
A	Subjective	Understanding, Applying, Analyzing, Evaluating	10 (Two from each unit and the students shall have to answer all questions)	10	3	30
B	Subjective	Analyzing, Evaluating / Creating	10 (Two from each unit and the students shall have to answer any one of them)	5	14	70
Total Marks						100

Table 2: Evaluation format of SEE for Theory courses

7.2.2 Practical / Assignments:

For practical / assignments, the assessment shall be conducted each for 100 marks. Out of the 100 marks, the breakup is given in Table 3:

Component	Marks Distribution
Laboratory Courses	
Preparation for the Laboratory	20
Record submission	10
Practical performance (execution, accuracy)	50
Viva-voce / oral examination	20
Total (Laboratory)	100
Assignments / Seminars	
Regularity & timely submission	20
Quality, originality, depth of work	30
Presentation / seminar delivery	30
Viva-voce / discussion	20
Total (Assignments/Seminars)	100

Table 3: Evaluation components of Practical and Assignments

7.2.3 Project work:

a) B.Tech. (Honors) project work shall carry three credits and shall be evaluated for 100 marks under the SEE, to be conducted at the end of the 6th or 7th semester.

- b) Out of a total of 100 marks for the project work, 50 marks shall be for CIE and 50 marks for the SEE. The CIE shall be based on two seminars given by student on the topic of his/her project.
- c) The project work shall be submitted in report-form and should be presented before the committee.
- d) The SEE (viva-voce) shall be conducted by a committee consisting of (i) External examiner appointed by Dean (Examinations) on the recommendation of Chairperson, BOS, (ii) Supervisor of the project, and (iii) a senior faculty member of the department.

8. Provision for early registration of MOOCs course(s)

- 8.1 Students may register a course listed under the B.Tech. Honors/Minor program (subject to university notification), at least one semester in advance to align with MOOCs schedules.
- 8.2 Credits earned in advance or with delay shall be considered valid and submitted for assessment in the semester in which the respective course is offered without a penalty.

9. Passing Standards

- 9.1 A student shall be declared successful, or 'passed', in a course only upon earning the requisite credits and obtaining a pass grade in the MOOC assessment test.
- 9.2 A student shall be declared successful, or 'passed', in the B.Tech. Honors/Minor program only upon earning a minimum of 18 credits with CGPA of at least 5.00, subject to the condition that a Grade Point (GP) of ≥ 5.00 (C grade or above) is secured in every registered course under the B.Tech. Honors/Minor program.

10. Transfer of Credits

- 10.1 SWAYAM-NPTEL or notified courses are considered for transfer of credits only if the concerned student has successfully completed and obtained the certificate to this effect.
- 10.2 A student must submit the original SWAYAM-NPTEL or other notified MOOC course certificate(s) to the Head of the parent department, along with a written request for transfer of the equivalent credits. Upon verification and approval by the Head, the MOOC course(s) and corresponding credits shall be incorporated into the student's course registration for the semester immediately following completion of the MOOC(s).
- 10.3 The additional 1-credit departmental component (assignment/seminar/laboratory, where applicable) shall be evaluated internally on a Satisfactory/Unsatisfactory basis, and this evaluation shall not affect the marks awarded by the MOOC platform.
- 10.4 A student shall only request for transfer of credits from such notified SWAYAM-NPTEL or any notified courses only as published by the concerned Department(s).
- 10.5 The credits earned through B. Tech. (Honors/Minor) are not inter-changeable.

11. Change of Specialization/Discipline

- 11.1 Student has a onetime chance to change from Honors to Minor and vice-versa within one week of registration through the concerned Head of the department and Dean of the respective school.

12. Eligibility for Award of the B. Tech. (Honors/Minor) degree

- 12.1 A student shall be eligible for the award of B. Tech. (Honors/Minor) degree, if he / she fulfills the following academic requirements:
- a) Earns a regular B. Tech degree by fulfilling all the academic requirements
 - b) Acquires the prescribed 18 credits for B. Tech. (Honors/Minor) with CGPA of at least 5.00, subject to the condition that a Grade Point (GP) of ≥ 5.00 (C grade or above) is secured in every registered course under the B.Tech. Honors/Minor program.
 - c) He/she has no dues to the University, Hostels, Libraries, Sports, NCC / NSS etc.
 - d) No disciplinary action is pending against him/her.

13. Transcripts

- 13.1 After successful completion of the total program of study, a transcript containing performance of all courses will be issued as a final record. Duplicate transcripts will also be issued if required on payment of the requisite fee.
- 13.2 In the case of a student who has successfully completed all the prescribed courses under the B.Tech. (Honors/Minor) program, the achievement shall be reflected in the Consolidated Memorandum of Marks (CMM). In the case of partial completion (earning a few credits out of the required 18 credits), a separate statement of marks shall be issued upon request; however, such partial completion shall not entitle the student to the award of the B.Tech. (Honors/Minor) degree.

14. Withdrawing

- 14.1 The student may withdraw from B. Tech. (Honors/Minor) program at any time.
- 14.2 A student who has not acquired prescribed credits for B. Tech. (Honors/Minor) program, he/she has an option to withdraw from B. Tech. (Honors/Minor) program.
- 14.3 The fee paid will not be refunded under any circumstances.