

# **ACADEMIC REGULATIONS (AR23)**

**For**

## **B. Tech. (Hons. / Minor) Program**

**With effect from the Academic Year 2023-24**



**School of Engineering**

**ANURAG UNIVERSITY**

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## **Academic Regulations for B. Tech (Hons. / Minor) Program (With effect from the Academic Year 2023-24)**

### **1. Preamble**

- 1.1 **Honors:** To facilitate the students to choose additional courses by deep dive into emerging areas in their own 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. (Hons. / 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 skills
- 1.4 The regulations governing the B. Tech. (Hons. / Minor) program have been framed in accordance with the AICTE Approval Process Handbook (APH) 2021-22, Model curriculum for undergraduate programs in Engineering and Technology, Vol. I & II, January, 2018.
- 1.5 These regulations come into force with effect from the academic year 2023-24 onwards.

### **2. Short Title and Duration of the Program**

- 2.1 The B. Tech (Hons. / Minor) program shall be completed within the stipulated time period for regular B. Tech.

### **3. Eligibility Criteria for Registration**

- 3.1 A student who intends to register for the B. Tech. (Hons. / Minor) program shall fulfill the following academic requirements:

- a) B. Tech. (Hons. / Minor) programs are open to Engineering / Technology undergraduate students who have taken admission on or after the academic year 2020 – 21.
- b) The registrants for B. Tech (Hons.) shall have obtained a CGPA of at least 7.5 at the end of the 2<sup>nd</sup> semester without any backlogs at the time of admission.
- c) The registrants for B. Tech (Minor) shall not have any backlogs at the time of admission.
- d) The lateral entry students shall have obtained a SGPA of at least 7.5 at the end of the 3<sup>rd</sup> semester without any backlogs.
- e) The registrants shall not have secured F grade in any previous semester(s).

#### **4. Registration Procedure**

- 4.1 Any student meeting the eligibility criteria specified above in section 3, and intends to register for the B. Tech. (Hons. / Minor) program shall apply to the Dean, School of Engineering in the prescribed form along with the prescribed fee within the stipulated time as mentioned in the notification.
- 4.2 There shall be no limit on the intake of students for registration to the B. Tech. (Hons. / Minor) program.
- 4.3 The registration for B. Tech. (Hons. / Minor) program shall be allowed from the 3<sup>rd</sup> semester onwards.
- 4.4 For the lateral entry students, provisional registration for B. Tech. (Hons. / Minor) program shall be allowed from the 3<sup>rd</sup> semester onwards which enables them to attend the classes. However, their registration will be validated with the required SGPA ( $\geq 7.5$ ) and backlogs if any as mentioned in 3 (b) and 3(c). If he/she secures the required SGPA, they shall pay the fees to complete the registration process. If he/she fails to secure the required SGPA, their provisional registration stands cancelled.
- 4.5 A student is permitted to register for either B. Tech. (Hons.) or B. Tech. (Minor), but not both.
- 4.6 The students opting for B. Tech. (Hons. / Minor) program have to take the prescribed courses (online / offline) announced at the beginning of the semester through course registration.

## **5. Instruction**

- 5.1 The instruction shall be either through physical class room teaching or on-line platforms like MOOCs / SWAYAM / NPTEL / any other on-line platforms or blended learning mode with the prior approval of the Board of Studies. In case of instruction is offered through online mode, the faculty coordinator in consultation with Chairman BoS, shall offer suitable courses or modify the course syllabus to best fit with the online course(s) with the prior approval of the Board of Studies.
- 5.2 At the beginning of each semester (just before the commencement of class work), the list of courses offered shall be provided by the offering department.
- 5.3 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).
- 5.4 A student is allowed to register for a maximum of two courses (excluding laboratory courses) in a semester along with the regular B. Tech courses.
- 5.5 The Project Work (if any) as a part of B. Tech (Hons.) should be undertaken through a registration process at the beginning of the 5<sup>th</sup> semester and should be completed by the end of 6<sup>th</sup> semester.
- 5.6 A student is not permitted to register for a course which he/she has already undertaken as part of their B. Tech regular program.

## **6. Semester End Examinations (SEE)**

- 6.1 The performance of a student in a course will be evaluated based on Semester End Examinations (SEE) for 100 marks, irrespective of whether the course is offered through physical classroom or online mode.
- 6.2 For courses which requires practical or laboratory component will have Continuous Internal Assessment for such component. A student shall have to secure at least 50% marks to obtain Satisfactory grade.
- 6.3 A student shall have to secure at least 50% of marks in SEE examinations, to be eligible to get the pass grade along with Satisfactory grade in practical component.

6.4 In case, if a student unable to secure Satisfactory grade or 50% marks in SEE, he/she awarded with F (fail) grade.

6.5 All rules pertaining to conduct of SEE, valuation, revaluation, challenge valuation, etc., as adopted from the regular B. Tech program (R22) shall applicable to B. Tech. (Hons. / Minor).

**6.5.1 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 and ii) Part-B for 70 marks.

- a) Part-A consists of ten questions (numbered from 1 to 10), two questions from each unit carrying 3 marks each.
- b) Part-B consists of five questions (numbered from 11 to 15), each question drawn from a separate unit of the syllabus and having an “either” / “or” choice (that means there will be two questions from each unit and the student shall have to answer any one of them carrying 14 marks each).

**6.5.2 Practical Courses:**

- a) For practical courses, the SEE shall be conducted for 100 marks. Out of the 100 marks, the breakup shall be as follows:
  - Preparation for the Laboratory – 20 marks
  - Observation – 10 marks
  - Successful completion of two experiments (30 marks each) – 60 marks
  - Record – 10 marks

**6.5.3 Project work:**

The Project Work shall be evaluated for 100 marks as SEE. 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.

The evaluation of project work shall be conducted at the end of the 6th semester. The passing score for Project work shall be 50% marks.

## **7. Change of Specialization / Discipline**

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

## **8. Transfer of Credits**

8.1 The credits earned through B. Tech. (Hons.) / B. Tech. (Minor) / B. Tech., are not interchangeable.

## **9. Eligibility for Award of the B. Tech. (Hons.) / B. Tech Minor Degree**

9.1 A student shall be eligible for the award of B. Tech. (Hons. / 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 credits for B. Tech. (Hons. / Minor)
- c) He/she has no dues to the University, Hostels, Libraries, Sports, NCC / NSS etc.
- d) No disciplinary action is pending against him/her.

## **10. Transcripts**

10.1 After successful completion of the total program of study, a transcript containing performance of all academic years/semesters will be issued as a final record. Duplicate transcripts will also be issued if required, on payment of the requisite fee.

## **11. Withdrawing**

11.1 The student may withdraw from B. Tech. (Hons. / Minor) program at any time.

11.2 A student who has not acquired prescribed credits for B. Tech. (Hons. / Minor) program, he/she has an option to withdraw from B. Tech. (Hons. / Minor) program. In such case, if he/she has

cleared any of the prescribed courses for B. Tech. (Hons. / Minor) program, they will be listed in the consolidated memorandum of marks (CMM).

11.3 The fee paid will not be refunded under any circumstances.