

VAAGDEVI COLLEGE OF ENGINEERING

AUTONOMOUS

Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S), www.vaagdevi.edu.in

No. VCEW/ Academics/2021-2022

Date: 20.02.2022

NOTICE

Sub: Implementation of **B.Tech. Degree with Minor in the Emerging Area** under B.Tech. R18 Academic Regulations from the academic year 2021-2022

Ref: JNTUH Lr.No. A1/B.Tech. Honors/B.Tech. Minor degree/2022 dated 24.01.2022.

JNTUH University has approved the implementation of B.Tech Degree with Minor in emerging area from the academic year 2021-22. All the eligible students studying under R18 Regulations may utilize this opportunity.

Name of B.Tech. Minor Program	Eligible B.Tech. Branches	Award of Degree
Artificial Intelligence & Machine Learning	CE, EEE, ME, ECE, EIE, AE	B.Tech. in Branch Name with Minor in Artificial Intelligence & Machine Learning Eg: B.Tech in EEE with Minor in AI&ML
Data Science	CE, EEE, ME, ECE, EIE, AE	B.Tech. in Branch Name with Minor in Data Science Eg: B.Tech in Mechanical Engineering with Minor in DS

1. Objectives

The key objectives of offering B. Tech. with Minor program are:

- To expand the domain knowledge of the students in one of the other branches of engineering.
- To increase the employability of undergraduate students keeping in view of better opportunity in interdisciplinary areas of engineering & technology.
- To provide an opportunity to students to pursue their higher studies in the interdisciplinary areas in addition to their own branch of study.
- To offer the knowledge in the areas which are identified as emerging technologies/thrust areas of Engineering.

2. Academic Regulations for B. Tech. Degree with Minor program

1. The weekly instruction hours, internal & external evaluation and award of grades are on par with regular 4-Years B. Tech. program.
2. For B. Tech. with Minor, a student needs to earn **additional 18 credits** (over and above the required 160 credits for B. Tech degree). The list of courses of each Minor program, their respective credits and other relevant information will be made available in the website. All these 18 credits need to be completed in III year and IV year only.

3. After registering for the Minor programme, if a student is unable to earn all the required 18 credits in a specified duration (twice the duration of the course), he/she shall not be awarded Minor degree. However, if the student earns all the required 160 credits of B.Tech., he/she will be awarded only B. Tech degree in the concerned branch.
4. There is no transfer of credits from Minor program courses to regular B. Tech. degree course & vice versa.
5. These 18 credits are to be earned from the additional Courses offered by the host department in the college as well as from the MOOCS platform. Details are available with the Head of the Department.
6. The choice to take a Minor program is purely on the choice of the students.
7. The student shall be given a choice of withdrawing all the courses registered and/or the credits earned for Minor program at any time; and in that case the student will be awarded only B. Tech. degree in the concerned branch on earning the required credits of 160.
8. The student can choose only one Minor program along with his/her basic engineering degree. A student who chooses an Honours program is not eligible to choose a Minor program and vice-versa.
9. A student can graduate with a Minor if he/she fulfils the requirements for his/her regular B. Tech. program as well as fulfils the requirements for Minor program.

3. Eligibility conditions for the student to register for Minor course


- a) A student can opt for B.Tech. degree with Minor program if she/he has no active backlogs till II Year I Semester (III semester) at the time of entering into III year I semester.
- b) Prior approval of mentor and Head of the Department for the enrolment into Minor program, before commencement of III year I Semester (V Semester), is mandatory
- c) If more than 50% of the students in a branch fulfil the eligibility criteria (as stated above), the number of students given eligibility should be limited to 50% based on the CGPA criteria.

4. Registration for the courses in Minor Program

- a) At the beginning of each semester, just before the commencement of classes, students shall register for the courses which they wish to take in that semester.
- b) The students should choose a course from the list against each semester (from Minors course structure) other than the courses they have studied/registered for regular B.Tech. programme. No course should be identical to that of the regular BTech course. The students should take the advice of faculty mentors while registering for a course at the beginning of semester.
- c) The maximum No. of courses for the Minor is limited to two (three in case of inclusion of lab) in a semester along with regular semester courses.

5. Registration Fee:

- Rs. 1000/- per one credit.
- A fee for late registration may be imposed as per the norms.


Dr. K. Prakash
Principal

Copy to:

1. All the Deans/HoDs with a request to circulate among the B.Tech III year students.
2. Controller of Examinations – for information and necessary action
3. Notice Board/Website