

JNTUH ACADEMIC REGULATIONS

1. Award of B.Tech. Degree

A student will be declared eligible for the award of the B. Tech. Degree if he fulfils the following academic regulations:

- i. **Pursued a course of study for not less than four academic years and not more than eight academic years.**
 - ii. **Register for 200 credits and secure 200 credits**
2. Students, who fail to fulfill all the academic requirements for the award of the degree within eight academic years from the year of their admission, shall forfeit their seat in B.Tech course.

3. Credits

	I Y	Sem	Periods / W	Credits
	Periods / Week	Credits		
Theory	03	06	0	03
Practical	02	04	-	--
Drawing	03	04	0	02
	02T/03D	04	0	02
			3	04
Mini Project	--	--	-	02
Comprehensive Viva	--	--	-	02
Seminar	--	--	6	02
Project	--	--	1	10

4. Distribution and Weight-age of Marks

- i. The performance of a student in each semester / I year shall be evaluated subject-wise with a maximum of 100 marks for theory and 75 marks for practical subject. In addition, Industry oriented mini-project, seminar and project work shall be evaluated for 50, 50 and 200 marks respectively.
- ii. For theory subjects the distribution shall be 5 marks for assignments, 20 marks for Internal Evaluation and 75 marks for the End-Examination.
- iii. For theory subjects, during the semester there shall be 2 mid term examinations. Each mid term examination consists of one objective paper, one subjective paper and one assignment. The objective paper is for 10 marks and subjective paper is for 10 marks, with duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for subjective paper). Objective paper is set for 20 bits of – multiple choice questions, fill-in the blanks, matching type questions –for the 10 marks. Subjective paper of each semester shall contain 4 full questions (one from each unit) of which, the student has to answer 2 questions, each carrying 5 marks.
First mid term examination shall be conducted for 1-4 units of syllabus and second mid term examination shall be conducted for 5-8 units. 5 marks are allocated for Assignments (as specified by the concerned subject teacher) – first Assignment should be submitted before the conduct of the first mid, and the second Assignment should be submitted before the conduct of the second mid. The total marks secured by the student in each mid term examination are evaluated for

25 marks, and the better of the two mid term examinations shall be taken as the final marks secured by each candidate. However, for first year, there shall be 3 mid term examinations (each for 25 marks), **along with 3 assignments** in a similar pattern as above [1st mid shall be from 1-2 units, II mid from 3-5 units and 3rd mid shall be from 6-8 units], and the average marks of the best two examinations secured (**each evaluated for a total of 25 marks**) in each subject shall be considered as final marks for the internals/sessionals.

- iv. For practical subjects there shall be a continuous evaluation during the semester for 25 sessional marks and 50 end examination marks. Out of the 25 marks for internal, day-to-day work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory teacher. The end examination shall be conducted with external examiner and laboratory teacher. The external examiner shall be appointed from the cluster of colleges as decided by the University examination branch.
- v. For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 25 marks for internal evaluation (15 marks for day-to-day work and 10 marks for internal tests) and 75 marks for end examination. There shall be two internal tests in a Semester and the better of the two shall be considered for the award of marks for internal tests. However in the I year class, there shall be three tests and the average of best two will be taken into consideration.
- vi. There shall be an industry-oriented mini-Project, in collaboration with an industry of their specialization, to be taken up during the vacation after III year II Semester examination. However, the mini project and its report shall be evaluated with the project work in IV year II Semester. The industry oriented mini project shall be submitted in report form and should be presented before the committee, which shall be evaluated for 50 marks. The committee consists of an external examiner, head of the department, the supervisor of mini project and a senior faculty member of the department. There shall be no internal marks for industry oriented mini project.
- vii. There shall be a seminar presentation in IV year II Semester. For the seminar, the student shall collect the information on a specialized topic and prepare a technical report, showing his understanding over the topic, and submit to the department, which shall be evaluated by the Departmental committee consisting of Head of the department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 50 marks. There shall be no external examination for seminar.
- viii. There shall be a Comprehensive Viva-Voce in IV year II semester. The Comprehensive Viva-Voce will be conducted by a Committee consisting of (i) Head of the Department (ii) two Senior Faculty members of the Department. The Comprehensive Viva-Voce is aimed to assess the students' understanding in various subjects he / she studied during the B.Tech course of study. The Comprehensive Viva-Voce is evaluated for 100 marks by the Committee. There are no internal marks for the Comprehensive viva-voce.
- ix. Out of a total of 200 marks for the project work, 50 marks shall be for Internal Evaluation and 150 marks for the End Semester Examination. The End Semester Examination (viva-voce) shall be conducted by the same committee appointed for industry oriented mini project. In addition the project supervisor shall also be included in the committee. The topics for industry oriented mini project, seminar and project work shall be different from each other. The evaluation of project work shall be conducted at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project.
- x. Laboratory marks and the sessional marks awarded by the College are not final.

They are subject to scrutiny and scaling by the University wherever necessary. In such cases, the sessional and laboratory marks awarded by the College will be referred to a Committee. The Committee will arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective institutions as per the University norms and shall be produced to the Committees of the University as and when the same is asked for.

5. Attendance Requirements:

- i. A student shall be eligible to appear for University examinations if he acquires a minimum of 75% of attendance in aggregate of all the subjects.**
- ii. Shortage of Attendance below 65% in aggregate shall in NO case be condoned .
- iii. Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester or I year may be granted by the College Academic Committee.**
- iv. A student will not be promoted to the next semester unless he satisfies the attendance requirement of the present semester / I year, as applicable.
They may seek re-admission for that semester / I year when offered next.
- v. **Students whose shortage of attendance is not condoned in any semester / I year are not eligible to take their end examination of that class and their registration shall stand cancelled.**
- vi. **A stipulated fee shall be payable towards Condonation of shortage of attendance.**

6. Minimum Academic Requirements:

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.5

- i. A student shall be deemed to have satisfied the minimum academic requirements and earned the credits allotted to each theory or practical design or drawing subject or project if he secures not less than 35% of marks in the end examination and a minimum of 40% of marks in the sum total of the internal evaluation and end examination taken together.
- ii. A student shall be promoted from II to III year only if he fulfils the academic requirement **of 37** credits from one regular and one supplementary examinations of I year, and one regular examination of II year I semester irrespective of whether the candidate takes the examination or not.
- iii. A student shall be promoted from third year to fourth year only if he fulfils the academic requirements of total **62** credits from the following examinations, whether the candidate takes the examinations or not.
 - a. Two regular and two supplementary examinations of I year.
 - b. Two regular and one supplementary examinations of II year I semester. c. One

regular and one supplementary examinations of II year II semester. d. One regular examination of III year I semester.

iv. A student shall register and put up minimum attendance in all 200 credits and earn the 200 credits. Marks obtained in all 200 credits shall be considered for the calculation of percentage of marks.

v. Students who fail to earn 200 credits as indicated in the course structure within eight academic years from the year of their admission shall forfeit their seat in B.Tech course and their admission shall stand cancelled.

7. Course pattern:

i. The entire course of study is of four academic years. The first year shall be on yearly pattern and the second, third and fourth years on semester pattern.

ii. A student eligible to appear for the end examination in a subject, but absent from it or has failed in the end examination may appear for that subject at the supplementary examination.

iii. When a student is detained due to lack of credits / shortage of attendance he may be re-admitted when the semester / year is offered after fulfilment of academic regulations, whereas the academic regulations hold good with the regulations he was first admitted.

8. Award of Class:

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree he shall be placed in one of the following four classes:

Class Awarded	% of marks to be	From the aggregate marks secured
First Class with	70% and above	
First Class	Below 70% but not less than	
Second Class	Below 60% but not less than	
Pass Class	Below 50% but not less than	

(The marks in internal evaluation and end examination shall be shown separately in the marks memorandum)

9. Minimum Instruction Days:

The minimum instruction days for each semester / I year shall be 90/180 clear instruction days.

10. There shall be no branch transfers after the completion of admission process.

11. There shall be no place transfer within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Hyderabad.

12. General:

- i. Where the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
- ii. The academic regulation should be read as a whole for the purpose of any interpretation.
- iii. In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.

The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

13. Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
 - (i) A show cause notice shall be issued to the college
 - (ii) Impose a suitable fine on the college.
 - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.

General Rules and Regulations:

- 1. Students admitted into this College, are deemed to have agreed to the rules and regulations of the college as laid down by the College Authorities from time to time, and the rules laid down in this booklet, issued at the time of admission.**
2. Students are expected to be regular to the classes. Student has to take prior permission from concerned class coordinator and submit to the Head of the Department for approval in case of student taking leave.
3. In case of ill health, the student should submit the medical certificate along with prescription etc., from a registered medical doctor. The student should get the medical certificate within two days from the date of reporting to the college after ill health and also produce a letter from Parent/Guardian regarding ill health.
4. The students should come to the Laboratories with the prescribed uniform. Blue/White apron with shoes for Mechanical, Civil and other Laboratories, Blue/White apron without shoes for Computer Labs.

5. Students must attend the college in formal dress (common trousers and shirt tucked with shoes). Jeans and T-shirts are strictly prohibited on all days including Saturdays.
6. Students should attend the classes in time. Latecomers shall not be permitted to enter the classroom and they are likely to lose attendance.
7. The teacher may expel a student from the class who disturbs a lesson or does mischief.
8. Students will not enter or leave the classroom without the permission of the teacher.
9. Calling students out of their classrooms by another student while the lecture is in progress is prohibited.
10. Students are encouraged to spend their leisure time in the library/computer center.
11. Students are expected to wear the identity cards issued by the college always in the campus. They are required to show the identity cards at the library, computer center, office, etc. Student without Identity Cards are not allowed to the Laboratory classes.
12. Students are required to help in keeping the rooms, buildings and premises clean and tidy. Writing or sticking up of posters and notices on the walls and benches and throwing of litter around the campus is strictly prohibited. Any student found writing or spoiling the walls is liable for punishment.
13. Smoking, Consumption of Alcohol, doping, gambling of any kind etc., is strictly prohibited in the college campus and buses as per Government act.
14. Students are expected to behave well with the staff, fellow students and the general public. Any misbehavior coming to the notice of the college authorities will be severely dealt with.
15. The conduct of the students should be exemplary not only within the premises of the college but also outside. This will help in maintaining the image and status of the college.
16. Students are required to observe silence at all times in the college campus. They shall not talk loudly or call each other by shouting.
17. Students are prohibited from loitering in the verandahs/campus and sitting on the steps, garden, staircases or parapet walls.
18. **Ragging in any form inside or outside the college campus is banned vide Ragging Act. 26 of A.P Legislative Assembly 1997. Those who indulge in the uncivilized activity are liable for severe disciplinary action besides being liable for prosecution.**
19. Students are not permitted to resort to strikes and demonstrations within the campus. Participation in such activity entails their dismissal from the college. Any problem they face may be represented to the mentor/coordinator /Head of the Department/Principal.
20. Students are prohibited from organizing any meeting or entertainment in the college campus without the permission of the college authorities.
21. Students should inform any changes in the addresses of their parents/guardians to the college office immediately.
22. The entry of outsiders without permission is prohibited. Any student found responsible for bringing outsiders into the campus for any reason/ personal disputes with other students, he/she shall be expelled from the college.
23. Students are expected to put up the minimum aggregate percentage of attendance (75%) as laid down by the JNT University. Students, falling short of 75% of attendance and not less than 65% have to be condoned by the approval of College Academic Committee, otherwise they will not be promoted to the next Semester/Class. Students whose attendance is less than 65% shall not be condoned under any circumstances.
24. The college shall communicate the parents/guardians of the students from time to time regarding the regularity and performance in the examinations, of their wards. The case of serious indiscipline on the part of the student(s) may also be communicated to parent(s)/guardian(s), to facilitate the same the parents are requested to furnish their correspondence address and contact numbers correctly.
25. Parents/guardians of the students can contact the college authorities either in person or by post regarding discipline, regularity in attending classes, performance in the examinations etc., of their wards.
26. The college has full power to take any action, which is deemed necessary in the case of any indiscipline on the part of the students. The same will be reflected in the Conduct

- Certificate issued at the time of leaving the college.
27. Student unions are not permitted except Professional Associations related to academics.
 28. Student should park their vehicles only at the place allotted for the purpose. Vehicle riding in the college premises is strictly prohibited and the speed limit should be 20kmph as soon as they enter the campus. TRIPLE riding is not allowed.
 29. Hall tickets, for University Examinations will be issued only after the students clear all the dues.
 30. Carrying and usage of Cell Phones are strictly prohibited in the college campus and college bus. The cell phones will be confiscated and will not be returned back if a student is found using.