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**INSTITUTE OF SCIENCE & TECHNOLOGY**

Approved by AICTE, Affiliated to JNTU, Hyderabad.  
Vyasapuri, Bandlaguda, Post: Keshavgi, Hyderabad-500005.

**2.5.2. Mechanism of internal assessment is transparent and robust in terms of frequency and mode:**

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## **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

*(Established by State Act No. 30 of 2008)*

Kukatpally, Hyderabad, Telangana (India).

### **ACADEMIC REGULATIONS (R22) FOR B.TECH REGULAR STUDENTS** **WITH EFFECT FROM THE ACADEMIC YEAR 2022-23**

#### **1.0 Under-Graduate Degree Programme in Engineering & Technology (UGP in E&T)**

Jawaharlal Nehru Technological University Hyderabad (JNTUH) offers a 4-year (8 semesters) **Bachelor of Technology (B.Tech.)** degree programme, under Choice Based Credit System (CBCS) at its non-autonomous constituent and affiliated colleges with effect from the academic year **2022-23**.

#### **2.0 Eligibility for Admission**

- 2.1** Admission to the undergraduate(UG) programme shall be made either on the basis of the merit rank obtained by the qualified student in entrance test conducted by the Telangana State Government (EAMCET) or the University or on the basis of any other order of merit approved by the University, subject to reservations as prescribed by the government from time to time.
- 2.2** The medium of instructions for the entire undergraduate programme in Engineering & Technology will be **English** only.

#### **3.0 B.Tech. Programme Structure**

- 3.1** A student after securing admission shall complete the B.Tech. programme in a minimum period of **four** academic years (8 semesters), and a maximum period of **eight** academic years (16 semesters) starting from the date of commencement of first year first semester, failing which student shall forfeit seat in B.Tech course. Each student shall secure 160 credits (with CGPA  $\geq 5$ ) required for the completion of the undergraduate programme and award of the B.Tech. degree.
- 3.2** **UGC/ AICTE** specified definitions/ descriptions are adopted appropriately for various terms and abbreviations used in these academic regulations/ norms, which are listed below.
- 3.2.1 Semester Scheme**

  
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Each undergraduate programme is of 4 academic years (8 semesters) with the academic year divided into two semesters of 22 weeks ( $\geq 90$  instructional days) each and in each semester - ‘Continuous Internal Evaluation (CIE)’ and ‘Semester End Examination (SEE)’ under Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) indicated by UGC, and curriculum/course structure suggested by AICTE are followed.

### 3.2.2 Credit Courses

All subjects/ courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/ course in an L: T: P: C (lecture periods: tutorial periods: practical periods: credits) structure based on the following general pattern.

- One credit for one hour/ week/ semester for Theory/ Lecture (L) courses or Tutorials.
- One credit for two hours/ week/ semester for Laboratory/ Practical (P) courses.

Courses like Environmental Science, Constitution of India, Intellectual Property Rights, and Gender Sensitization Lab are mandatory courses. These courses will not carry any credits.

### 3.2.3 Subject Course Classification

All subjects/ courses offered for the undergraduate programme in E&T (B.Tech. degree programmes) are broadly classified as follows. The University has followed almost all the guidelines issued by AICTE/UGC.

S. No.	Broad Course Classification	Course Group/ Category	Course Description
1	Foundation Courses (FnC)	BS – Basic Sciences	Includes Mathematics, Physics and Chemistry subjects
2		ES - Engineering Sciences	Includes Fundamental Engineering Subjects
3		HS – Humanities and Social Sciences	Includes subjects related to Humanities, Social Sciences and Management
4	Core Courses (CoC)	PC – Professional Core	Includes core subjects related to the parent discipline/ department/ branch of Engineering.
5	Elective Courses (ElC)	PE – Professional Electives	Includes elective subjects related to the parent discipline/ department/ branch of Engineering.
6		OE – Open Electives	Elective subjects which include inter-disciplinary subjects or subjects in an area outside the parent discipline/ department/ branch of Engineering.
7	Core Courses	Project Work	B.Tech. Project or UG Project or UG Major Project or Project Stage I & II

8		Industry Training/ Internship/ Industry Oriented Mini- project/ Mini- Project/ Skill Development Courses	Industry Training/ Internship/ Industry Oriented Mini-Project/ Mini-Project/ Skill Development Courses
9		Seminar	Seminar/ Colloquium based on core contents related to parent discipline/ department/ branch of Engineering.
10	Minor Courses	-	1 or 2 Credit Courses (subset of HS)
11	Mandatory Courses (MC)	-	Mandatory Courses (non-credit)

#### 4.0 Course Registration

- 4.1 A 'faculty advisor or counselor' shall be assigned to a group of 20 students, who will advise the students about the undergraduate programme, its course structure and curriculum, choice/option for subjects/ courses, based on their competence, progress, pre-requisites and interest.
- 4.2 The academic section of the college invites 'registration forms' from students before the beginning of the semester through 'on-line registration', ensuring 'date and time stamping'. The online registration requests for any 'current semester' shall be **completed before the commencement of SEEs (Semester End Examinations) of the 'preceding semester'**.
- 4.3 A student can apply for **on-line** registration, **only after** obtaining the '**written approval**' from faculty advisor/counselor, which should be submitted to the college academic section through the Head of the Department. A copy of it shall be retained with the Head of the Department, Faculty Advisor/ Counselor and the student.
- 4.4 A student may be permitted to register for all the subjects/ courses in a semester as specified in the course structure with maximum additional subject(s)/course(s) limited to 6 Credits (any 2 elective subjects), based on **progress** and SGPA/ CGPA, and completion of the '**pre-requisites**' as indicated for various subjects/ courses, in the department course structure and syllabus contents.
- 4.5 Choice for '**additional subjects/courses**', not more than any 2 elective subjects in any Semester, must be clearly indicated, which needs the specific approval and signature of the Faculty Advisor/Mentor/HOD.
- 4.6 If the student submits ambiguous choices or multiple options or erroneous entries during **online** registration for the subject(s) / course(s) under a given/ specified course group/ category as listed in the course structure, only the first mentioned subject/ course in that category will be taken into consideration.
- 4.7 Subject/ course options exercised through **on-line** registration are final and **cannot** be changed or inter-changed; further, alternate choices also will not be considered.

However, if the subject/ course that has already been listed for registration by the Head of the Department in a semester could not be offered due to any inevitable or unexpected reasons, then the student shall be allowed to have alternate choice either for a new subject (subject to offering of such a subject), or for another existing subject (subject to availability of seats). Such alternate arrangements will be made by the Head of the Department, with due notification and time-framed schedule, within a **week** after the commencement of class-work for that semester.

**4.8** Dropping of subjects/ courses may be permitted, only after obtaining prior approval from the faculty advisor/ counselor ‘within a period of 15 days’ from the beginning of the current semester.

**4.9 Open Electives:** The students have to choose three Open Electives (OE-I, II & III) from the list of Open Electives given by other departments. However, the student can opt for an Open Elective subject offered by his own (parent) department, if the student has not registered and not studied that subject under any category (Professional Core, Professional Electives, Mandatory Courses etc.) offered by parent department in any semester. Open Elective subjects already studied should not repeat/should not match with any category (Professional Core, Professional Electives, Mandatory Courses etc.) of subjects even in the forthcoming semesters.

**4.10 Professional Electives:** The students have to choose six Professional Electives (PE-I to VI) from the list of professional electives given.

## **5.0 Subjects/ courses to be offered**

**5.1** A subject/ course may be offered to the students, **only if** a minimum of 15 students opt for it.

**5.2** More than **one faculty member** may offer the **same subject** (lab/ practical may be included with the corresponding theory subject in the same semester) in any semester. However, selection of choice for students will be based on - ‘**first come first serve** basis and CGPA criterion’ (i.e. the first focus shall be on early **on-line entry** from the student for registration in that semester, and the second focus, if needed, will be on CGPA of the student).

**5.3** If more entries for registration of a subject come into picture, then the Head of the Department concerned shall decide, whether or not to offer such a subject/ course for **two (or multiple) sections**.

**5.4** In case of options coming from students of other departments/ branches/ disciplines (not considering **open electives**), first **priority** shall be given to the student of the ‘**parent department**’.

## **6.0 Attendance requirements:**

**6.1** A student shall be eligible to appear for the semester end examinations, if the student acquires a minimum of 75% of attendance in aggregate of all the subjects/ courses

(including attendance in mandatory courses like Environmental Science, Constitution of India, Intellectual Property Rights, and Gender Sensitization Lab) for that semester. **Two periods** of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject. **This attendance should also be included in the attendance uploaded every fortnight in the University Website.**

- 6.2 Shortage of attendance in aggregate upto 10% (65% and above, and below 75%) in each semester may be condoned by the college academic committee on genuine and valid grounds, based on the student's representation with supporting evidence.
- 6.3 A stipulated fee shall be payable for condoning of shortage of attendance.
- 6.4 Shortage of attendance below 65% in aggregate shall in **NO** case be condoned.
- 6.5 **Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examinations of that semester. They get detained and their registration for that semester shall stand cancelled,** including all academic credentials (internal marks etc.) of that semester. **They will not be promoted to the next semester.** They may seek re-registration for all those subjects registered in that semester in which the student is detained, by seeking re-admission into that semester as and when offered; if there are any professional electives and/ or open electives, the same may also be re-registered if offered. However, if those electives are not offered in later semesters, then alternate electives may be chosen from the **same** set of elective subjects offered under that category.
- 6.6 A student fulfilling the attendance requirement in the present semester shall not be eligible for readmission into the same class.

## 7.0 Academic Requirements

The following academic requirements have to be satisfied, in addition to the attendance requirements mentioned in Item No. 6.

- 7.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course, if student secures not less than 35% (14 marks out of 40 marks) in the Continuous Internal Evaluation (CIE), not less than 35% (21 marks out of 60 marks) in the semester end examinations (SEE), and a minimum of 40% (40 marks out of 100 marks) in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of letter grades, this implies securing 'C' grade or above in that subject/ course.
- 7.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Real-time Research Project (or) Field Based Research Project (or) Industry Oriented Mini Project (or) Internship (or) Seminar, if the student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in each of them. The student is deemed to have failed, if he (i) does not submit a report on Industry Oriented Mini Project/Internship, or (ii) not make a presentation of the same before the evaluation committee as per schedule, or (iii) secures less than 40% marks in Real-time Research

Project (or) Field Based Research Project (or) Industry Oriented Mini Project (or) Internship evaluations.

A student may reappear once for each of the above evaluations, when they are scheduled again; if the student fails in such 'one reappearance' evaluation also, the student has to reappear for the same in the next subsequent semester, as and when it is scheduled.

### 7.3 Promotion Rules

S. No.	Promotion	Conditions to be fulfilled
1	First year first semester to first year second semester	Regular course of study of first year first semester.
2	First year second semester to Second year first semester	(i) Regular course of study of first year second semester. (ii) Must have secured at least 20 credits out of 40 credits i.e., 50% credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
3.	Second year first semester to Second year second semester	Regular course of study of second year first semester.
4	Second year second semester to Third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 48 credits out of 80 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
5	Third year first semester to Third year second semester	Regular course of study of third year first semester.
6	Third year second semester to Fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 72 credits out of 120 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
7	Fourth year first semester to	Regular course of study of fourth year first

	<b>Fourth year second semester</b>	<b>semester.</b>
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- 7.4** A student (i) shall register for all courses/subjects covering 160 credits as specified and listed in the course structure, (ii) fulfills all the attendance and academic requirements for 160 credits, (iii) earn all 160 credits by securing SGPA  $\geq 5.0$  (in each semester), and—CGPA  $\geq 5$  (at the end of 8 semesters), (iv) **passes all the mandatory courses**, to successfully complete the undergraduate programme. The performance of the student in these 160 credits shall be considered for the calculation of the final CGPA (**at the end of undergraduate programme**), and shall be indicated in the grade card / marks memo of IV-year II semester.
- 7.5** If a student registers for ‘**extra subjects**’ (in the parent department or other departments/branches of Engg.) other than those listed subjects totaling to 160 credits as specified in the course structure of his department, the performances in those ‘**extra subjects**’ (although evaluated and graded using the same procedure as that of the required 160 credits) will not be considered while calculating the SGPA and CGPA. For such ‘**extra subjects**’ registered, percentage of marks and letter grade alone will be indicated in the grade card / marks memo as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations Items 6 and 7.1 – 7.4 above.
- 7.6** A student eligible to appear in the semester end examination for any subject/ course, but absent from it or failed (thereby failing to secure ‘**C**’ grade or above) may reappear for that subject/ course in the supplementary examination as and when conducted. In such cases, internal marks (CIE) assessed earlier for that subject/ course will be carried over, and added to the marks to be obtained in the SEE supplementary examination for evaluating performance in that subject.
- 7.7** A student **detained in a semester due to shortage of attendance may be re-admitted in the same semester in the next academic year for fulfillment of academic requirements**. The academic regulations under which a student has been re-admitted shall be applicable. Further, no grade allotments or SGPA/ CGPA calculations will be done for the entire semester in which the student has been detained.
- 7.8** A student detained **due to lack of credits, shall be promoted to the next academic year only after acquiring the required number of academic credits**. The academic regulations under which the student has been readmitted shall be applicable to him.
- 8.0 Evaluation - Distribution and Weightage of Marks**
- 8.1** The performance of a student in every subject/course (including practicals and Project Stage – I & II) will be evaluated for 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End-Examination).



**8.2** In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of two parts i) **Part – A** for 10 marks, ii) **Part – B** for 20 marks with a total duration of 2 hours as follows:

1. Mid Term Examination for 30 marks:
  - a. Part - A : Objective/quiz paper for 10 marks.
  - b. Part - B : Descriptive paper for 20 marks.

The objective/quiz paper is set with multiple choice, fill-in the blanks and match the following type of questions for a total of 10 marks. The descriptive paper shall contain 6 full questions out of which, the student has to answer 4 questions, each carrying 5 marks. The **average of the two Mid Term Examinations** shall be taken as the final marks for Mid Term Examination (for 30 marks).

The remaining 10 marks of Continuous Internal Evaluation are distributed as:

2. Assignment for 5 marks. (**Average of 2 Assignments** each for 5 marks)
3. Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 5 marks.

While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus.

Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the subject concerned for 5 marks before II Mid-Term Examination.

- The Student, in each subject, shall have to earn 35% of marks (i.e. 14 marks out of 40 marks) in CIE, 35% of marks (i.e. 21 marks out of 60) in SEE and Over all 40% of marks (i.e. 40 marks out of 100 marks) both CIE and SEE marks put together.

*The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 35\%$  (14 marks) of 40 Continuous Internal Examination (CIE) marks.*

*In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 35% of CIE marks (14 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.*

There is NO Computer Based Test (CBT) for R22 regulations.

The details of the end semester question paper pattern are as follows:

**8.2.1** The semester end examinations (SEE), for theory subjects, will be conducted for 60 marks consisting of two parts viz. i) **Part- A** for 10 marks, ii) **Part - B** for 50 marks.

- Part-A is a compulsory question which consists of ten sub-questions from all units carrying equal marks.
- Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from each unit and may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
- The duration of Semester End Examination is 3 hours.

**8.2.2** For the subject, **Computer Aided Engineering Graphics**, the Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) evaluation pattern is same as for other theory subjects.

**8.3** For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40 marks and 60 marks for semester end examination. Out of the 40 marks for internal evaluation:

1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure, expected outcome) which shall be evaluated for 10 marks
2. **10 marks for viva-voce** (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 10 marks.
4. The remaining 10 marks are for Laboratory Report/Project and Presentation, which consists of the Design (or) Software / Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

The Semester End Examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the cluster / other colleges which will be decided by the examination branch of the University.

In the Semester End Examination held for 3 hours, total 60 marks are divided and allocated as shown below:

1. 10 marks for write-up
  2. 15 for experiment/program
  3. 15 for evaluation of results
  4. 10 marks for presentation on another experiment/program in the same laboratory course and
  5. 10 marks for viva-voce on concerned laboratory course.
- The Student, in each subject, shall have to earn 35% of marks (i.e. 14 marks out of 40 marks) in CIE, 35% of marks (i.e. 21 marks out of 60) in SEE and Over all

40% of marks (i.e. 40 marks out of 100 marks) both CIE and SEE marks put together.

*The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 35\%$  (14 marks) of 40 Continuous Internal Examination (CIE) marks.*

*In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 35% of CIE marks (14 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.*

**8.4** The evaluation of courses having ONLY internal marks in I Year I Semester and II Year II Semester is as follows:

1. I Year I Semester course (ex., **Elements of CE/ME/EEE/ECE/CSE** etc): The internal evaluation is for 50 marks and it shall take place during I Mid-Term examination and II Mid-Term examination. The average marks of two Mid-Term examinations is the final for 50 marks. Student shall have to earn 40%, i.e 20 marks out of 50 marks from average of the two examinations. There shall be NO external evaluation. The student is deemed to have failed, if he (i) is absent as per schedule, or (ii) secures less than 40% marks in this course.

**For CSE/IT and allied branches and Mining Engineering**, the Continuous Internal Evaluation (CIE) will be for 50 marks. Each Mid-Term examination consists of two parts i) **Part – A** for 20 marks, ii) **Part – B** for 20 marks with a total duration of 2 hours.

**Part A:** Objective/quiz paper is set with multiple choice, fill-in the blanks and match the following type of questions for a total of 20 marks. **Part B:** Descriptive paper shall contain 6 full questions out of which, the student has to answer 4 questions, each carrying 5 marks.

The remaining 10 marks of Continuous Internal Evaluation are for Assignment (5 marks) and Subject Viva-Voce/PPT/Poster Presentation/ Case Study (5 marks) and the evaluation pattern will remain same as for other theory subjects.

**For all other branches**, the Continuous Internal Evaluation (CIE) will be for 50 marks. Out of the 50 marks for internal evaluation:

- a) A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure, expected outcome) which shall be evaluated for 10 marks
- b) **10 marks for viva-voce** (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
- c) Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 15 marks.
- d) The remaining 15 marks are for Laboratory Report/Project and Presentation, which consists of the Design (or) Software / Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be

evaluated after completion of laboratory course and before semester end practical examination.

2. II Year II Semester *Real-Time (or) Field-based Research Project* course: The internal evaluation is for 50 marks and it shall take place during I Mid-Term examination and II Mid-Term examination. The average marks of two Mid-Term examinations is the final for 50 marks. Student shall have to earn 40%, i.e 20 marks out of 50 marks from average of the two examinations. There shall be NO external evaluation. The student is deemed to have failed, if he (i) does not submit a report on the Project, or (ii) does not make a presentation of the same before the internal committee as per schedule, or (ii) secures less than 40% marks in this course.

**8.5** There shall be an Industry training (or) Internship (or) Industry oriented Mini-project (or) Skill Development Courses (or) Paper presentation in reputed journal (or) Industry Oriented Mini Project in collaboration with an industry of their specialization. Students shall register for this immediately after II-Year II Semester Examinations and pursue it during summer vacation/semester break & during III Year without effecting regular course work. Internship at reputed organization (or) Skill development courses (or) Paper presentation in reputed journal (or) Industry Oriented Mini Project shall be submitted in a report form and presented before the committee in III-year II semester before end semester examination. It shall be evaluated for 100 external marks. The committee consists of an External Examiner, Head of the Department, Supervisor of the Industry Oriented Mini Project (or) Internship etc, Internal Supervisor and a Senior Faculty Member of the Department. There shall be **NO internal marks** for Industry Training (or) Internship (or) Mini-Project (or) Skill Development Courses (or) Paper Presentation in reputed journal (or) Industry Oriented Mini Project.

**8.6** The UG project shall be initiated at the end of the IV Year I Semester and the duration of the project work is one semester. The student must present Project Stage – I during IV Year I Semester before II Mid examinations, in consultation with his Supervisor, the title, objective and plan of action of his Project work to the departmental committee for approval before commencement of IV Year II Semester. Only after obtaining the approval of the departmental committee, the student can start his project work.

**8.7** UG project work shall be carried out in two stages: Project Stage – I for approval of project before Mid-II examinations in IV Year I Semester and Project Stage – II during IV Year II Semester. Student has to submit project work report at the end of IV Year II Semester. The project shall be evaluated for 100 marks before commencement of SEE Theory examinations.

**8.8** For Project Stage – I, the departmental committee consisting of Head of the Department, project supervisor and a senior faculty member shall approve the project work to begin before II Mid-Term examination of IV Year I Semester. The student is deemed to be not eligible to register for the Project work, if he does not submit a

report on Project Stage - I or does not make a presentation of the same before the evaluation committee as per schedule.

A student who has failed may reappear once for the above evaluation, when it is scheduled again; if he fails in such 'one reappearance' evaluation also, he has to reappear for the same in the next subsequent semester, as and when it is scheduled.

- 8.9** For Project Stage – II, the external examiner shall evaluate the project work for 60 marks and the internal project committee shall evaluate it for 40 marks. Out of 40 internal marks, the departmental committee consisting of Head of the Department, Project Supervisor and a Senior Faculty Member shall evaluate the project work for 20 marks and Project Supervisor shall evaluate for 20 marks. The topics for Industry Oriented Mini Project/ Internship/SDC etc. and the main Project shall be different from the topic already taken. The student is deemed to have failed, if he (i) does not submit a report on the Project, or (ii) does not make a presentation of the same before the External Examiner as per schedule, or (iii) secures less than 40% marks in the sum total of the CIE and SEE taken together.

For conducting viva-voce of project, University selects an external examiner from the list of experts in the relevant branch submitted by the Principal of the College.

A student who has failed, may reappear once for the above evaluation, when it is scheduled again; if student fails in such 'one reappearance' evaluation also, he has to reappear for the same in the next subsequent semester, as and when it is scheduled.

- 8.10** A student can re-register for subjects in a semester:

- If the internal marks secured by a student in the Continuous Internal Evaluation marks for 40 (Sum of average of two mid-term examinations consisting of Objective & descriptive parts, Average of two Assignments & Subject Viva-voce/PPT/ Poster presentation/ Case Study on a topic in the concerned subject) are less than 35% and failed in those subjects.

They may seek re-registration for all those subjects registered in that semester in which the student is failed. The student has to re-appear for CIE and SEE as and when offered.

A student must re-register for the failed subject(s) for 40 marks within four weeks of commencement of the classwork in next academic year. His Continuous Internal Evaluation marks for 40 obtained in the previous attempt stand cancelled. The student has to obtain fresh set of marks for 40 allotted for CIE (Sum of average of two mid-term examinations consisting of Objective & descriptive parts, Average of two Assignments & Subject Viva-voce/PPT/ Poster presentation/ Case Study on a topic in the concerned subject). Head of the Dept. will take care of this.

- 8.11** For mandatory courses of Environmental Science, Constitution of India, Intellectual Property Rights, and Gender Sensitization lab, a student has to secure 40 marks out of 100 marks (i.e. 40% of the 100 marks allotted) in the Continuous Internal Evaluation

for passing the subject/course. These marks should also be uploaded along with the internal marks of other subjects.

- 8.12** No marks or letter grades shall be allotted for mandatory/non-credit courses. Only Pass/Fail shall be indicated in Grade Card.

## **9.0 Grading Procedure**

- 9.1** Grades will be awarded to indicate the performance of students in each Theory Subject, Laboratory/Practicals/ Industry-Oriented Mini Project/Internship/SDC and Project Stage. Based on the percentage of marks obtained (Continuous Internal Evaluation plus Semester End Examination, both taken together) as specified in item 8 above, a corresponding letter grade shall be given.
- 9.2** As a measure of the performance of a student, a 10-point absolute grading system using the following letter grades (as per UGC/AICTE guidelines) and corresponding percentage of marks shall be followed:

<b>% of Marks Secured in a Subject/Course (Class Intervals)</b>	<b>Letter Grade (UGC Guidelines)</b>	<b>Grade Points</b>
<b>Greater than or equal to 90%</b>	<b>O (Outstanding)</b>	<b>10</b>
<b>80 and less than 90%</b>	<b>A<sup>+</sup> (Excellent)</b>	<b>9</b>
<b>70 and less than 80%</b>	<b>A (Very Good)</b>	<b>8</b>
<b>60 and less than 70%</b>	<b>B<sup>+</sup> (Good)</b>	<b>7</b>
<b>50 and less than 60%</b>	<b>B (Average)</b>	<b>6</b>
<b>40 and less than 50%</b>	<b>C (Pass)</b>	<b>5</b>
<b>Below 40%</b>	<b>F (FAIL)</b>	<b>0</b>
<b>Absent</b>	<b>Ab</b>	<b>0</b>

- 9.3** A student who has obtained an ‘F’ grade in any subject shall be deemed to have ‘**failed**’ and is required to reappear as a ‘supplementary student’ in the semester end examination, as and when offered. In such cases, internal marks in those subjects will remain the same as those obtained earlier.
- 9.4** To a student who has not appeared for an examination in any subject, ‘Ab’ grade will be allocated in that subject, and he is deemed to have ‘**Failed**’. A student will be required to reappear as a ‘supplementary student’ in the semester end examination, as and when offered next. In this case also, the internal marks in those subjects will remain the same as those obtained earlier.

- 9.5 A letter grade does not indicate any specific percentage of marks secured by the student, but it indicates only the range of percentage of marks.
- 9.6 A student earns Grade Point (GP) in each subject/ course, on the basis of the letter grade secured in that subject/ course. The corresponding ‘Credit Points’ (CP) are computed by multiplying the grade point with credits for that particular subject/ course.

**Credit Points (CP) = Grade Point (GP) x Credits .... For a course**

- 9.7 A student passes the subject/ course only when **GP ≥ 5** (‘C’ grade or above)
- 9.8 The Semester Grade Point Average (SGPA) is calculated by dividing the sum of credit points ( $\Sigma CP$ ) secured from all subjects/ courses registered in a semester, by the total number of credits registered during that semester. SGPA is rounded off to **two** decimal places. SGPA is thus computed as

$$SGPA = \{ \sum_{i=1}^N C_i G_i \} / \{ \sum_{i=1}^N C_i \} \dots \text{For each semester,}$$

where ‘i’ is the subject indicator index (considering all subjects in a semester), ‘N’ is the no. of subjects ‘**registered**’ for the semester (as specifically required and listed under the course structure of the parent department),  $C_i$  is the no. of credits allotted to the  $i^{th}$  subject, and  $G_i$  represents the grade points (GP) corresponding to the letter grade awarded for that  $i^{th}$  subject.

- 9.9 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student in all semesters considered for registration. The CGPA is the ratio of the total credit points secured by a student in **all** registered courses (of 160) in **all** semesters, and the total number of credits registered in **all** the semesters. CGPA is rounded off to **two** decimal places. CGPA is thus computed from the I year II semester onwards at the end of each semester as per the formula

$$CGPA = \{ \sum_{j=1}^M C_j G_j \} / \{ \sum_{j=1}^M C_j \} \dots \text{for all S semesters registered}$$

**(i.e., up to and inclusive of S semesters,  $S \geq 2$ ),**

where ‘M’ is the **total** no. of subjects (as specifically required and listed under the course structure of the parent department) the student has ‘**registered**’ i.e., from the 1<sup>st</sup> semester onwards up to and inclusive of the 8<sup>th</sup> semester, ‘j’ is the subject indicator index (takes into account all subjects from 1 to 8 semesters),  $C_j$  is the no. of credits allotted to the  $j^{th}$  subject, and  $G_j$  represents the grade points (GP) corresponding to the letter grade awarded for that  $j^{th}$  subject. After registration and completion of I year I semester, the SGPA of that semester itself may be taken as the CGPA, as there are no cumulative effects.

**Illustration of calculation of SGPA:**

Course/Subject	Credits	Letter Grade	Grade Points	Credit Points
Course 1	4	A	8	4 x 8 = 32
Course 2	4	O	10	4 x 10 = 40

Course 3	4	C	5	4 x 5 = 20
Course 4	3	B	6	3 x 6 = 18
Course 5	3	A+	9	3 x 9 = 27
Course 6	3	C	5	3 x 5 = 15
	21			152

$$\text{SGPA} = 152/21 = 7.24$$

**Illustration of Calculation of CGPA up to 3<sup>rd</sup> Semester:**

Semester	Course/ Subject Title	Credits Allotted	Letter Grade Secured	Corresponding Grade Point (GP)	Credit Points (CP)
I	Course 1	3	A	8	24
I	Course 2	3	O	10	30
I	Course 3	3	B	6	18
I	Course 4	4	A	8	32
I	Course 5	3	A+	9	27
I	Course 6	4	C	5	20
II	Course 7	4	B	6	24
II	Course 8	4	A	8	32
II	Course 9	3	C	5	15
II	Course 10	3	O	10	30
II	Course 11	3	B+	7	21
II	Course 12	4	B	6	24
II	Course 13	4	A	8	32
II	Course 14	3	O	10	30
III	Course 15	2	A	8	16
III	Course 16	1	C	5	5
III	Course 17	4	O	10	40
III	Course 18	3	B+	7	21
III	Course 19	4	B	6	24
III	Course 20	4	A	8	32
III	Course 21	3	B+	7	21
	<b>Total Credits</b>	<b>69</b>		<b>Total Credit Points</b>	<b>518</b>

$$\text{CGPA} = 518/69 = 7.51$$

The calculation process of CGPA illustrated above will be followed for each subsequent semester until 8<sup>th</sup> semester. The CGPA obtained at the end of 8<sup>th</sup> semester will become the final CGPA secured for entire B.Tech. programme.



**9.10** For merit ranking or comparison purposes or any other listing, **only** the ‘**rounded off**’ values of the CGPAs will be used.

**9.11** SGPA and CGPA of a semester will be mentioned in the semester Memorandum of Grades if all subjects of that semester are passed in first attempt. Otherwise the SGPA and CGPA shall be mentioned only on the Memorandum of Grades in which sitting he passed his last exam in that semester. However, mandatory courses will not be taken into consideration.

## **10.0 Passing Standards**

**10.1** A student shall be declared successful or ‘passed’ in a semester, if he secures a GP  $\geq 5$  (‘C’ grade or above) in every subject/course in that semester (i.e. when the student gets an SGPA  $\geq 5.0$  at the end of that particular semester); and he shall be declared successful or ‘passed’ in the entire undergraduate programme, only when gets a CGPA  $\geq 5.00$  (‘C’ grade or above) for the award of the degree as required.

**10.2** After the completion of each semester, a grade card or grade sheet shall be issued to all the registered students of that semester, indicating the letter grades and credits earned. It will show the details of the courses registered (course code, title, no. of credits, grade earned, etc.) and credits earned. **There is NO exemption of credits in any case.**

## **11.0 Declaration of results**

**11.1** Computation of SGPA and CGPA are done using the procedure listed in 9.6 to 9.9.

**11.2** For final percentage of marks equivalent to the computed final CGPA, the following formula may be used.

$$\% \text{ of Marks} = (\text{final CGPA} - 0.5) \times 10$$

## **12.0 Award of Degree**

**12.1** A student who registers for all the specified subjects/ courses as listed in the course structure and secures the required number of 160 credits (with CGPA  $\geq 5.0$ ), within 8 academic years from the date of commencement of the first academic year, shall be declared to have ‘**qualified**’ for the award of B.Tech. degree in the branch of Engineering selected at the time of admission.

**12.2** A student who qualifies for the award of the degree as listed in item 12.1 shall be placed in the following classes.

**12.3** A student with final CGPA (at the end of the undergraduate programme)  $> 8.00$ , and fulfilling the following conditions - shall be placed in ‘**First Class with Distinction**’. However, he

- (i) Should have passed all the subjects/courses in ‘**First Appearance**’ within the first 4 academic years (or 8 sequential semesters) from the date of commencement of first year first semester.

- (ii) Should not have been detained or prevented from writing the semester end examinations in any semester due to shortage of attendance or any other reason.

A student not fulfilling any of the above conditions with final CGPA  $> 8$  shall be placed in '**First Class**'.

**12.4** Students with final CGPA (at the end of the undergraduate programme)  $\geq 7.0$  but  $< 8.00$  shall be placed in '**First Class**'.

**12.5** Students with final CGPA (at the end of the undergraduate programme)  $\geq 6.00$  but  $< 7.00$ , shall be placed in '**Second Class**'.

**12.6** All other students who qualify for the award of the degree (as per item 12.1), with final CGPA (at the end of the undergraduate programme)  $\geq 5.00$  but  $< 6$ , shall be placed in '**pass class**'.

**12.7** A student with final CGPA (at the end of the undergraduate programme)  $< 5.00$  will not be eligible for the award of the degree.

**12.8** Students fulfilling the conditions listed under item 12.3 alone will be eligible for award of '**Gold Medal**'.

#### **12.9 Award of 2-Year B.Tech. Diploma Certificate**

1. A student is awarded 2-Year UG Diploma Certificate in the concerned engineering branch on completion of all the academic requirements and earned all the 80 credits (within 4 years from the date of admission) upto B.Tech. II Year II Semester, if the student want to exit the 4-Year B.Tech. program and *requests for the 2 -Year B. Tech. (UG) Diploma Certificate*.
2. The student **once opted and awarded 2-Year UG Diploma Certificate, the student will be permitted to join** in B. Tech. III Year I Semester and continue for completion of remaining years of study for 4-Year B. Tech. Degree ONLY in the next academic year along with next batch students. *However, if any student wishes to continue the study after opting for exit, he/she should register for the subjects/courses in III Year I Semester before commencement of classwork for that semester.*
3. *The students, who exit the 4-Year B. Tech. program after II Year of study and wish to re-join the B.Tech. program, must submit the 2 -Year B. Tech. (UG) Diploma Certificate awarded to him, subject to the eligibility for completion of Course/Degree.*
4. A student may be permitted to take one year break after completion of II Year II Semester or B. Tech. III Year II Semester (with university permission through the principal of the college well in advance) and can re-enter the course in **next Academic Year in the same college** and complete the course on fulfilling all the academic credentials within a stipulated duration i.e. double the duration of the course (Ex. within 8 Years for 4-Year program).

### 13.0 Withholding of results

- 13.1 If the student has not paid the fees to the University at any stage, or has dues pending due to any reason whatsoever, or if any case of indiscipline is pending, the result of the student may be withheld, and the student will not be allowed to go into the next higher semester. The award or issue of the degree may also be withheld in such cases.

### 14.0 Transitory Regulations

A. For students detained due to shortage of attendance:

1. A student who has been detained in any semester of I, II, III and IV years of R18 regulations for want of attendance, shall be permitted to join the corresponding semester of R22 Regulations and is required to complete the study of B.Tech. within the stipulated period of eight academic years from the date of first admission in I Year. The R22 Academic Regulations under which a student has been readmitted shall be applicable to that student from that semester. See rule (C) for further Transitory Regulations.

B. For students detained due to shortage of credits:

1. A student of R18 Regulations who has been detained due to lack of credits, shall be promoted to the next semester of R22 Regulations only after acquiring the required number of credits as per the corresponding regulations of his/her first admission. The total credits required are 160 including both R18 & R22 regulations. The student is required to complete the study of B.Tech. within the stipulated period of eight academic years from the year of first admission. The R22 Academic Regulations are applicable to a student from the year of readmission. See rule (C) for further Transitory Regulations.

C. For readmitted students in R22 Regulations:

1. A student who has failed in any subject under any regulation has to pass those subjects in the same regulations.
2. The maximum credits that a student acquires for the award of degree, shall be the sum of the total number of credits secured in all the regulations of his/her study including R22 Regulations. **There is NO exemption of credits in any case.**
3. If a student is readmitted to R22 Regulations and has any subject with 80% of syllabus common with his/her previous regulations, that particular subject in R22 Regulations will be substituted by another subject to be suggested by the University.

Note: If a student readmitted to R22 Regulations and has not studied any subjects/topics in his/her earlier regulations of study which is prerequisite for further subjects in R22

Regulations, the College Principals concerned shall conduct remedial classes to cover those subjects/topics for the benefit of the students.

#### **15.0 Student Transfers**

- 15.1** There shall be no branch transfers after the completion of admission process.
- 15.2** There shall be no transfers from one college/stream to another within the constituent colleges and units of Jawaharlal Nehru Technological University Hyderabad.
- 15.3** The students seeking transfer to colleges affiliated to JNTUH from various other Universities/institutions have to pass the failed subjects which are equivalent to the subjects of JNTUH, and also pass the subjects of JNTUH which the students have not studied at the earlier institution. Further, though the students have passed some of the subjects at the earlier institutions, if the same subjects are prescribed in different semesters of JNTUH, the students have to study those subjects in JNTUH in spite of the fact that those subjects are repeated.
- 15.4** The transferred students from other Universities/Institutions to JNTUH affiliated colleges who are on rolls are to be provided one chance to write the CBT (for internal marks) in the **equivalent subject(s)** as per the clearance letter issued by the University.
- 15.5** The autonomous affiliated colleges have to provide one chance to write the internal examinations in the **equivalent subject(s)** to the students transferred from other universities/institutions to JNTUH autonomous affiliated colleges who are on rolls, as per the clearance (equivalence) letter issued by the University.

#### **16.0 Scope**

- 16.1** The academic regulations should be read as a whole, for the purpose of any interpretation.
- 16.2** In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- 16.3** The University may change or amend the academic regulations, course structure or syllabi at any time, and the changes or amendments made shall be applicable to all students with effect from the dates notified by the University authorities.
- 16.4** Where the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.

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## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by State Act No. 30 of 2008)

Kukatpally, Hyderabad, Telangana (India).

### **ACADEMIC REGULATIONS FOR B.TECH (LATERAL ENTRY SCHEME) FROM THE AY 2023-24**

1. **Eligibility for the award of B.Tech Degree (LES)**

The LES students after securing admission shall pursue a course of study for not less than three academic years and not more than six academic years.

2. The student shall register for 120 credits and secure 120 credits with CGPA  $\geq 5$  from II year to IV-year B.Tech. programme (LES) for the award of B.Tech. degree.

3. The students, who fail to fulfil the requirement for the award of the degree in six academic years from the year of admission, shall forfeit their seat in B.Tech.

4. The attendance requirements of B. Tech. (Regular) shall be applicable to B.Tech. (LES).

5. **Promotion rule**

S. No	Promotion	Conditions to be fulfilled
1	Second year first semester to second year second semester	Regular course of study of second year first semester.
2	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 24 credits out of 40 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
3	Third year first semester to third year second semester	Regular course of study of third year first semester.
4	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 48 credits out of 80 credits i.e., 60% credits up to

		<b>third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.</b>
<b>5</b>	<b>Fourth year first semester to fourth year second semester</b>	<b>Regular course of study of fourth year first semester.</b>

**6. All the other regulations as applicable to B. Tech. 4-year degree course (Regular) will hold good for B. Tech. (Lateral Entry Scheme).**

**7. LES students are not eligible for 2-Year B. Tech. Diploma Certificate.**

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## Malpractices Rules

### Disciplinary Action For / Improper Conduct in Examinations

	Nature of Malpractices/Improper conduct	Punishment
	If the student:	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which student is appearing but has not made use of (material shall include any marks on the body of the student which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other student orally or by any other body language methods or communicates through cell phones with any student or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the students involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the student is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year.  The hall ticket of the student is to be cancelled and sent to the University.
3.	Impersonates any other student in connection with the examination.	The student who has impersonated shall be expelled from examination hall. The student is also debarred and forfeits the seat. The performance of the original student who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that

		semester/year. The student is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the chief superintendent/assistant – superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the student(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The students also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.



	property in the examination hall or any part of the college campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	
7.	Leaves the exam hall taking away answer script or intentionally tears off the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat.
8.	Possesses any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred and forfeits the seat.
9.	If student of the college, who is not a student for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred and forfeits the seat.  Person(s) who do not belong to the college will be handed over to the police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared for including practical examinations

		and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the student has appeared for including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action to award a suitable punishment.	

**Malpractices identified by squad or special invigilators**

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

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**(Established by Act No.30 of 2008)**  
**Kukatpally, Hyderabad-500085, Telangana State (India)**

**Academic Regulations of M. Tech (Regular/Full Time) Programmes, 2022-23 (R22)**  
**(CBCS)**  
**(Effective for the students admitted into I Year from the Academic Year 2022-23 and onwards)**

**1.0 Post-Graduate Degree Programmes in Engineering & Technology (PGP in E & T)** Jawaharlal Nehru Technological University Hyderabad (JNTUH) offers **Two** Years (**Four** Semesters) full-time Master of Technology (M. Tech.) Degree programmes, under Choice Based Credit System (CBCS) at its constituent (non-autonomous) and affiliated colleges in different branches of Engineering and Technology with different specializations.

**2.0 Eligibility for Admissions**

**2.1** Admission to the PGPs shall be made subject to eligibility, qualification and specializations prescribed by the University from time to time, for each specialization under each M. Tech programme.

**2.2** Admission to the post graduate programme shall be made on the basis of either the merit rank or Percentile obtained by the qualified student in the relevant qualifying GATE Examination/ the merit rank obtained by the qualified student in an entrance test conducted by Telangana State Government (PGECET) for M. Tech. programmes / an entrance test conducted by JNTUH/ on the basis of any other exams approved by the University, subject to reservations as laid down by the Govt. from time to time.

**2.3** The medium of instructions for all PG Programmes will be **ENGLISH** only.

**3.0 M. Tech. Programme (PGP in E & T) Structure**

**3.1** The M. Tech. Programs in E & T of JNTUH are of Semester pattern, with **Four** Semesters consisting of **Two** academic years, each academic year having **Two** Semesters (First/Odd and Second/Even Semesters). Each Semester shall be of 22 weeks duration (inclusive of Examinations), with a minimum of 90 instructional days per Semester.

**3.2** The two-year M. Tech. program consists of **68** credits and the student has to register for all **68** credits and earn all **68** credits for the award of M. Tech. degree. There is **NO** exemption of credits in any case.

**3.3** The student shall not take more than four academic years to fulfill all the academic requirements for the award of M. Tech. degree from the date of commencement of first year first semester, failing which the student shall forfeit the seat in M. Tech. programme.

**3.4 UGC/AICTE** specified definitions/descriptions are adopted appropriately for various terms and abbreviations used in these PG academic regulations, as listed below:

**3.4.1 Semester Scheme**

Each Semester shall have 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) are taken as 'references' for the present set of Regulations. The terms 'SUBJECT' and 'COURSE' imply the same meaning here and refer to 'Theory Subject', or 'Lab Course', or 'Design/Drawing Subject', or 'Mini Project with Seminar', or 'Dissertation', as the case may be.

**3.4.2 Credit Courses**

All subjects/courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/course in an L: T: P: C (Lecture Periods: Tutorial Periods: Practical Periods: Credits) structure based on the following general pattern:



- One credit for one hour/week/semester for theory/lecture (L) courses
- One credit for two hours/ week/semester for laboratory/ practical (P) courses or tutorials (T)

Other student activities like study tour, guest lecture, conference/workshop participations, technical paper presentations and mandatory courses (**Non-credit Audit Courses**) will not carry any credits.

### 3.4.3 Subject Course Classification

All subjects/courses offered for the Post-Graduate Programme in E & T (M. Tech. Degree Programme) are broadly classified as follows. The University has followed in general the guidelines issued by AICTE/UGC.

S. No.	Broad Course Classification	Course Group/ Category	Course Description
1	Core Courses (CoC)	PC- Professional Core	Includes subjects related to the parent discipline/department/ branch of Engineering
		Dissertation	M. Tech. Project or PG Project or Major Project
		Mini Project with Seminar	Seminar based on core contents related to Parent Discipline/ Department/ Branch of Engineering
2	Elective Courses (EIE)	PE - Professional Electives	Includes elective subjects related to the parent discipline/department/branch of Engineering
		OE - Open Electives	Elective subjects which include inter-disciplinary subjects or subjects in an area outside the parent discipline/department/ branch of Engineering
3	<b>Mandatory Courses</b>	--	<b>Non-Credit Audit Courses</b>

### 4.0 Course Registration

- 4.1 A 'Faculty Advisor or Counselor' shall be assigned to each specialization, who will advise on the Post Graduate Programme (PGP), its Course Structure and Curriculum, Choice/Option for Subjects/ Courses, based on his competence, progress, pre-requisites and interest.
- 4.2 The Academic Section of the College invites 'Registration Forms' from students within 15 days from the commencement of class work through 'ON-LINE SUBMISSIONS', ensuring 'DATE and TIME Stamping'. The ON-LINE Registration Requests for any 'CURRENT SEMESTER' shall be completed BEFORE the commencement of SEEs (Semester End Examinations) of the 'PRECEDING SEMESTER'.
- 4.3 A Student can apply for ON-LINE Registration, ONLY AFTER obtaining the 'WRITTEN APPROVAL' from his Faculty Advisor, which should be submitted to the College Academic Section through the Head of Department (a copy of it being retained with Head of Department, Faculty Advisor and the Student).
- 4.4 If the Student submits ambiguous choices or multiple options or erroneous entries during ON-LINE Registration for the Subject(s) / Course(s) under a given/ specified Course Group/ Category as listed in the Course Structure, only the first mentioned Subject/ Course in that Category will be taken into consideration.
- 4.5 Subject/ Course Options exercised through ON-LINE Registration are final and CANNOT be changed, nor can they be inter-changed; further, alternate choices also will not be considered. However, if the Subject/ Course that has already been listed for Registration by the University in a Semester could not be offered due to unforeseen or unexpected reasons, then the Student will be allowed to have alternate



choice either for a new Subject, if it is offered, or for another existing Subject (subject to availability of seats). Such alternate arrangements will be made by the Head of Department, with due notification and time-framed schedule, within the FIRST WEEK from the commencement of Class-work for that Semester.

## 5.0 Attendance Requirements

The programmes are offered based on a unit system with each subject being considered a unit. Attendance is calculated separately for each subject.

- 5.1 Attendance in all classes (Lectures/Laboratories) is compulsory. The minimum required attendance in each theory subject (**also mandatory Audit Courses**) including the attendance of mid-term examination / Laboratory etc. is 75%. Two periods of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject. **This attendance should also be included in the attendance uploaded every fortnight in the University Website. The attendance of mandatory Audit Courses should be uploaded separately to the University.** A student shall not be permitted to appear for the Semester End Examinations (SEE), if his attendance is less than 75%.
- 5.2 A student's Seminar report and presentation on Mini Project shall be eligible for evaluation, only if he ensures a minimum of 75% of his attendance in Seminar presentation classes on Mini Project during that Semester.
- 5.3 **Condoning of shortage of attendance** (between 65% and 75%) up to a maximum of 10% (considering the days of attendance in sports, games, NCC, NSS activities and Medical grounds) in each subject (Theory/Lab/Mini Project with Seminar) of a semester shall be granted by the College Academic Committee on genuine reasons.
- 5.4 A prescribed fee per subject shall be payable for condoning shortage of attendance after getting the approval of College Academic Committee for the same. The College Academic Committee shall maintain relevant documents along with the request from the student.
- 5.5 Shortage of Attendance below 65% in any subject shall in **no case be condoned.**
- 5.6 A Student, whose shortage of attendance is not condoned in any Subject(s) (Theory/Lab/Mini Project with Seminar) in any Semester, is considered as 'Detained in that Subject(s), and is not eligible to write Semester End Examination(s) of such Subject(s), (in case of Mini Project with Seminar, his/her Mini Project with Seminar Report or Presentation are not eligible for evaluation) in that Semester; and he/she has to seek re-registration for those Subject(s) in subsequent Semesters, and attend the same as and when offered.
- 5.7 A student fulfills the attendance requirement in the present semester, shall not be eligible for readmission into the same class.
- 5.8 a) A student shall put in a minimum required attendance in at least **three theory subjects (excluding mandatory (non-credit audit) course)** in first Year I semester for promotion to first Year II Semester.  
b) A student shall put in a minimum required attendance in at least **three theory subjects (excluding mandatory (non-credit audit) course)** in first Year II semester for promotion to second Year I Semester.

## 6.0 Academic Requirements

The following academic requirements must be satisfied, in addition to the attendance requirements mentioned in item no. 5. The performance of the candidate in each semester shall be evaluated subject-wise, with a maximum of 100 marks per subject / course (theory / practical), based on Internal Evaluation and Semester End Examination.

- 6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if he secures not less than:



- 40% of Marks (24 out of 60 marks) in the Semester End Examination;
- 40% of Marks in the internal examinations (16 out of 40 marks allotted for CIE); and
- A minimum of 50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades this implies securing 'B' Grade or above in a subject.

**6.2** A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Mini Project with seminar, if student secures not less than 50% marks (i.e. 50 out of 100 allotted marks). The student would be treated as failed, if student (i) does not submit a seminar report on Mini Project or does not make a presentation of the same before the evaluation committee as per schedule or (ii) secures less than 50% marks in Mini Project with seminar evaluation. The failed student shall reappear for the above evaluation when the notification for supplementary examination is issued.

**6.3** A student shall register for all subjects for total of **68** credits as specified and listed in the course structure for the chosen specialization, put in the required attendance and fulfill the academic requirements for securing **68** credits obtaining a minimum of 'B' Grade or above in each subject, and all **68** credits securing Semester Grade Point Average (**SGPA**)  $\geq 6.0$  (in each semester) and final Cumulative Grade Point Average (**CGPA**) (i.e., CGPA at the end of PGP)  $\geq 6.0$ , and shall **pass all the mandatory Audit Courses** to complete the PGP successfully.

**Note: (1) The SGPA will be computed and printed on the marks memo only if the candidate passes in all the subjects offered and gets minimum B grade in all the subjects.**

**(2) CGPA is calculated only when the candidate passes in all the subjects offered in all the semesters**

**6.4** Marks and Letter Grades obtained in all those subjects covering the above specified **68** credits alone shall be considered for the calculation of final CGPA, which will be indicated in the Grade Card /Marks Memo of second year second semester.

**6.5** If a student registers for extra subject(s) (in the parent department or other departments/ branches of Engineering) other than those listed subjects totaling to **68** credits as specified in the course structure, the performance in extra subject(s) (although evaluated and graded using the same procedure as that of the required **68** credits) will not be considered while calculating the SGPA and CGPA. For such extra subject(s) registered, percentage of marks and Letter Grade alone will be indicated in the Grade Card/Marks Memo, as a performance measure, subject to completion of the attendance and academic requirements as stated in items 5 and 6.1 - 6.3.

**6.6** When a student is detained due to shortage of attendance in any subject(s) in any semester, no Grade allotment will be made for such subject(s). However, he is eligible for re-registration of such subject(s) in the subsequent semester(s), as and when next offered, with the academic regulations of the batch into which he is re-registered, by paying the prescribed fees per subject. In all these re-registration cases, the student shall have to secure a fresh set of internal marks and Semester End Examination marks for performance evaluation in such subject(s), and SGPA/CGPA calculations.

**6.7** A student eligible to appear for the Semester End Examination in any subject, but absent from it or failed (failing to secure 'B' Grade or above), may reappear for that subject at the supplementary examination as and when conducted. In such cases, his Internal Marks assessed earlier for that subject will be carried over, and added to the marks secured in the supplementary examination, for the purpose of evaluating his performance in that subject.

**6.8** A Student who fails to earn **68** credits as per the specified course structure, and as indicated above, within **four** academic years from the date of commencement of his first year first semester, shall forfeit his seat in M. Tech. programme and his admission **shall stand cancelled**.



## 7.0 Evaluation - Distribution and Weightage of Marks

The performance of a student in each semester shall be evaluated subject- wise (irrespective of credits assigned) for a maximum of 100 marks.

7.1 The performance of a student in every subject/course (including practicals and Project) will be evaluated for 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End-Examination). The Continuous Internal Evaluation shall be made based on the average of the marks secured in the two Mid-Term Examinations conducted, first Mid-Term examinations in the middle of the Semester and second Mid-Term examinations during the last week of instruction.

7.2 In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of two parts i) **Part – A** for 10 marks, ii) **Part – B** for 20 marks with a total duration of 2 hours as follows:

1. Mid-Term Examination for 30 marks:
  - a. Part - A: Objective/quiz paper for 10 marks.
  - b. Part – B: Descriptive paper for 20 marks.

The objective/quiz paper is set with multiple choice, fill-in the blanks and match the following type of questions for a total of 10 marks. The descriptive paper shall contain 6 full questions out of which, the student has to answer 4 questions, each carrying 5 marks. The average of the two Mid Term Examinations shall be taken as the final marks for Mid Term Examination (for 30 marks).

The remaining 10 marks of Continuous Internal Assessment (out of 40) are distributed as:

2. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)
3. Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 5 marks.

While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus.

Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 5 marks before II Mid-Term Examination.

- The Student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and Overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks taking together.

*The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 Continuous Internal Examination (CIE) marks.*

*In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.*

The details of the end semester question paper pattern are as follows:



**7.3** The Semester End Examinations (SEE), for theory subjects, will be conducted for 60 marks consisting of two parts viz. i) **Part- A** for 10 marks, ii) **Part - B** for 50 marks.

- Part-A is a compulsory question which consists of ten sub-questions from all units carrying equal marks.
- Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from each unit and may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
- The duration of Semester End Examination is 3 hours.

**7.4** For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40 marks and 60 marks for semester end examination. Out of the 40 marks for internal evaluation:

1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure, expected outcome) which shall be evaluated for 10 marks
2. 10 marks for viva-voce (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 10 marks.
4. The remaining 10 marks are for Laboratory Project, which consists of the Design (or) Software / Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

The Semester End Examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the cluster / other colleges which will be decided by the examination branch of the University.

In the Semester End Examination, held for 3 hours, total 60 marks are divided and allocated as shown below:

1. 10 marks for write-up
  2. 15 for experiment/program
  3. 15 for evaluation of results
  4. 10 marks for presentation on another experiment/program in the same laboratory course and
  5. 10 marks for viva-voce on concerned laboratory course.
- The Student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and Overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks taking together.

*The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 Continuous Internal Examination (CIE) marks.*

*In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.*

**7.5** For conducting laboratory end examinations of all PG Programmes, one internal examiner and one external examiner are to be appointed by the Principal of the College and this is to be informed to the Director of Evaluation within two weeks, before commencement of the lab end examinations. The external examiner should be selected from outside the College concerned but within the cluster. No





external examiner should be appointed from any other College in the same cluster/any other cluster which is run by the same Management.

- 7.6** There shall be Mini Project with Seminar during I year II semester for internal evaluation of 100 marks. The Departmental Academic Committee (DAC) will review the progress of the mini project during the seminar presentations and evaluate the same for 50 marks. Mini Project Viva Voce will be evaluated by the DAC for another 50 marks before the semester end examinations. Student shall carryout the mini project in consultation with the mini project supervisor which may include critically reviewing the literature, project implementation and submit it to the department in the form of a report and shall make an oral presentation before the DAC consisting of Head of the Department, Mini Project supervisor and two other senior faculty members of the department. The student has to secure a minimum of 50% of marks in i) seminar presentation and ii) mini project viva voce, to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same as and when scheduled.
- 7.7** Every candidate shall be required to submit a dissertation on a topic approved by the Dissertation Review Committee.
- 7.8** A Dissertation Review Committee (DRC) shall be constituted with the Head of the Department as Chairperson, Dissertation Supervisor and one senior faculty member of the Department offering the M.Tech. programme.
- 7.9** Registration of Dissertation Work: A candidate is permitted to register for the Dissertation Work after satisfying the attendance requirement in all the subjects, both theory and laboratory.
- 7.10** After satisfying 7.9, a candidate must present in **Dissertation Work Review - I**, in consultation with his Dissertation Supervisor, the title, objective and plan of action of his Dissertation work to the Dissertation Review Committee (DRC) for approval **within four weeks** from the commencement of **Second year First Semester**. Only after obtaining the approval of the DRC can the student initiate the Dissertation work.
- 7.11** If a candidate wishes to change his supervisor or topic of the Dissertation, he can do so with the approval of the DRC. However, the DRC shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of Dissertation proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.
- 7.12** A candidate shall submit his Dissertation progress report in two stages at least with a gap of **three** months between them.
- 7.13** The work on the Dissertation shall be initiated at the beginning of the II year and the duration of the Dissertation is two semesters. A candidate is permitted to submit Dissertation Thesis only after successful completion of all theory and practical courses with the approval of DRC **not earlier than 40 weeks** from the date of approval of the Dissertation work. For the approval of DRC, the candidate shall submit the draft copy of thesis to the Head of the Department and make an oral presentation before the DRC.
- 7.14** **The Dissertation Work Review - II** in II Year I Semester carries 100 internal marks. Evaluation should be done by the DRC for 50 marks and the Supervisor will evaluate the work for the other 50 marks. The Supervisor and DRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey in the same domain and progress of the Dissertation Work. A candidate has to secure a minimum of 50% of marks to be declared successful in Dissertation Work Review - II. If he fails to obtain the minimum required marks, he has to reappear for Dissertation Work Review - II as and when conducted.
- 7.15** **The Dissertation Work Review - III** in II Year II Sem. carries 100 internal marks. Evaluation should be done by the DRC for 50 marks and the Supervisor will evaluate it for the other 50 marks. The DRC will examine the overall progress of the Dissertation Work and decide whether or not the Dissertation is



eligible for final submission. A candidate has to secure a minimum of 50% of marks to be declared successful in Dissertation Work Review - III. If he fails to obtain the required minimum marks, he has to reappear for Dissertation Work Review - III as and when conducted. For Dissertation Evaluation (Viva Voce) in II Year II Semester there are external marks of 100 and it is evaluated by the external examiner. The candidate has to secure a minimum of 50% marks in Dissertation Evaluation (Viva-Voce) examination.

- 7.16** Dissertation Work Reviews - II and III shall be conducted in phase I (Regular) and Phase II (Supplementary). Phase II will be conducted only for unsuccessful students in Phase I. The unsuccessful students in Dissertation Work Review - II (Phase II) shall reappear for it at the time of Dissertation Work Review - III (Phase I). These students shall reappear for Dissertation Work Review - III in the next academic year at the time of Dissertation Work Review - II only after completion of Dissertation Work Review - II, and then Dissertation Work Review - III follows. The unsuccessful students in Dissertation Work Review - III (Phase II) shall reappear for Dissertation Work Review - III in the next academic year only at the time of Dissertation Work Review - II (Phase I).
- 7.17** After approval from the DRC, a soft copy of the thesis should be submitted for ANTI-PLAGIARISM check and the plagiarism report should be submitted to the University and be included in the final thesis. The Thesis will be accepted for submission, if the similarity index is less than **30%**. If the similarity index has more than the required percentage, the student is advised to modify accordingly and re-submit the soft copy of the thesis after one month. The maximum number of re-submissions of thesis after plagiarism check is limited to **TWO**. The candidate has to register for the Dissertation work and work for two semesters. After three attempts, the admission is liable to be cancelled. The college authorities are advised to make plagiarism check of every soft copy of theses before submissions.
- 7.18** Three copies of the Dissertation Thesis certified by the supervisor shall be submitted to the College/School/Institute, after submission of a research paper related to the Dissertation work in a UGC approved journal. A copy of the submitted research paper shall be attached to thesis.
- 7.19** The thesis shall be adjudicated by an external examiner selected by the University. For this, the Principal of the College/School/Institute shall submit a panel of **three** examiners from among the list of experts in the relevant specialization as submitted by the supervisor concerned and Head of the Department.
- 7.20** If the report of the external examiner is unsatisfactory, the candidate shall revise and resubmit the Thesis. If the report of the examiner is unsatisfactory again, the thesis shall be summarily rejected. Subsequent actions for such dissertations may be considered, only on the specific recommendations of the external examiner and /or Dissertation Review Committee. No further correspondence in this matter will be entertained, if there is no specific recommendation for resubmission.
- 7.21** If the report of the examiner is satisfactory, the Head of the Department shall coordinate and decide for the conduct of Dissertation Viva-Voce examination. The Dissertation Viva-Voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who adjudicated the Thesis. The candidate has to secure a minimum of 50% of marks in Dissertation Evaluation (Viva-Voce) examination.
- 7.22** If he fails to fulfill the requirements as specified in 7.21, he will reappear for the Dissertation Viva-Voce examination **only after three months**. In the reappeared examination also, if he fails to fulfill the requirements, he will not be eligible for the award of the degree, unless he is asked to revise and resubmit his Dissertation Work by the board within a specified time period (within **four** years from the date of commencement of his first year first semester).
- 7.23** The Dissertation Viva-Voce External examination marks must be submitted to the University on the day of the examination.



**7.24** *For mandatory non-credit Audit courses, a student has to secure 40 marks out of 100 marks (i.e. 40% of the marks allotted) in the continuous internal evaluation for passing the subject/course. These marks should also be uploaded along with the internal marks of other subjects.*

**7.25** *No marks or letter grades shall be allotted for mandatory non-credit Audit Courses. Only Pass/Fail shall be indicated in Grade Card.*

## **8.0 Re-Admission/Re-Registration**

### **8.1 Re-Admission for Discontinued Student**

A student, who has discontinued the M. Tech. degree programme due to any reason whatsoever, may be considered for '**readmission**' into the same degree programme (with the same specialization) with the academic regulations of the batch into which he gets readmitted, with prior permission from the authorities concerned, subject to item 6.6.

**8.2** If a student is detained in a subject (s) due to shortage of attendance in any semester, he may be permitted to **re-register** for the same subject(s) in the same category (core or elective group) or equivalent subject, if the same subject is not available, as suggested by the Board of Studies of that department, as and when offered in the subsequent semester(s), with the academic regulations of the batch into which he seeks re-registration, with prior permission from the authorities concerned, subject to item 3.2

**8.3** *A candidate shall be given only one-time chance to re-register and attend the classes for a maximum of two subjects in a semester, if the internal marks secured by a candidate are less than 40% and failed in those subjects but fulfilled the attendance requirement. A candidate must re-register for failed subjects within four weeks of commencement of the class work, in the next academic year and secure the required minimum attendance. In the event of the student taking this chance, his Continuous Internal Evaluation (internal) marks and Semester End Examination marks obtained in the previous attempt stand cancelled.*

## **9.0 Examinations and Assessment - The Grading System**

**9.1** Grades will be awarded to indicate the performance of each student in each Theory Subject, or Lab/Practicals, or Mini Project with Seminar, Dissertation, etc., based on the percentage of marks obtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both taken together) as specified in Item 7 above, and a corresponding Letter Grade shall be given.

**9.2** As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades (UGC Guidelines) and corresponding percentage of marks shall be followed:

<b>% of Marks Secured in a subject/Course (Class Intervals)</b>	<b>Letter Grade (UGC Guidelines)</b>	<b>Grade Points</b>
90% and above ( $\geq 90\%$ , $\leq 100\%$ )	O (Outstanding)	10
Below 90% but not less than 80% ( $\geq 80\%$ , $< 90\%$ )	A <sup>+</sup> (Excellent)	9
Below 80% but not less than 70% ( $\geq 70\%$ , $< 80\%$ )	A (Very Good)	8
Below 70% but not less than 60% ( $\geq 60\%$ , $< 70\%$ )	B <sup>+</sup> (Good)	7
Below 60% but not less than 50% ( $\geq 50\%$ , $< 60\%$ )	B (above Average)	6
Below 50% ( $< 50\%$ )	F (FAIL)	0
<b>Absent</b>	<b>Ab</b>	<b>0</b>



- 9.3 A student obtaining 'F' Grade in any Subject is deemed to have 'failed' and is required to reappear as 'Supplementary Candidate' for the Semester End Examination (SEE), as and when conducted. In such cases, his Internal Marks (CIE Marks) in those subjects will remain as obtained earlier.
- 9.4 If a student has not appeared for the examinations, 'Ab' Grade will be allocated to him for any subject and shall be considered 'failed' and will be required to reappear as 'Supplementary Candidate' for the Semester End Examination (SEE), as and when conducted.
- 9.5 A Letter Grade does not imply any specific marks percentage; it is only the range of percentage of marks.
- 9.6 In general, a student shall not be permitted to repeat any Subject/ Course (s) only for the sake of 'Grade Improvement' or 'SGPA/ CGPA Improvement'.
- 9.7 A student earns Grade Point (GP) in each Subject/ Course, on the basis of the Letter Grade obtained by him in that Subject/ Course. The corresponding 'Credit Points' (CP) are computed by multiplying the Grade Point with Credits for that particular Subject/ Course.

**Credit Points (CP) = Grade Point (GP) x Credits .... For a Course**

- 9.8 The student passes the Subject/ Course only when he gets **GP ≥ 6 (B Grade or above)**.
- 9.9 The Semester Grade Point Average (SGPA) is calculated by dividing the Sum of Credit Points ( $\Sigma CP$ ) secured from ALL Subjects/ Courses registered in a Semester, by the Total Number of Credits registered during that Semester. SGPA is rounded off to TWO Decimal Places. SGPA is thus computed as

$$\text{SGPA} = \left\{ \sum_{i=1}^N C_i G_i \right\} / \left\{ \sum_{i=1}^N C_i \right\} \dots \text{For each Semester,}$$

where 'i' is the Subject indicator index (taking into account all Subjects in a Semester), 'N' is the no. of Subjects 'REGISTERED' for the Semester (as specifically required and listed under the Course Structure of the parent Department),  $C_i$  is the no. of Credits allotted to the  $i^{\text{th}}$  Subject, and  $G_i$  represents the Grade Points (GP) corresponding to the Letter Grade awarded for that  $i^{\text{th}}$  Subject.

- 9.10 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student over all Semesters considered for registration. The CGPA is the ratio of the Total Credit Points secured by a student in ALL registered Courses in ALL Semesters, and the Total Number of Credits registered in ALL the Semesters. CGPA is rounded off to TWO Decimal Places. CGPA is thus computed from the I Year Second Semester onwards, at the end of each Semester, as per the formula

$$\text{CGPA} = \left\{ \sum_{i=1}^M C_i G_i \right\} / \left\{ \sum_{i=1}^M C_i \right\} \dots \text{for all S Semesters registered}$$

(ie., up to and inclusive of S Semesters,  $S \geq 2$ ),

where 'M' is the TOTAL no. of Subjects (as specifically required and listed under the Course Structure of the parent Department) the Student has 'REGISTERED' for from the 1<sup>st</sup> Semester onwards upto and inclusive of the Semester S ( obviously  $M > N$  ), 'j' is the Subject indicator index (taking into account all Subjects from 1 to S Semesters),  $C_j$  is the no. of Credits allotted to the  $j^{\text{th}}$  Subject, and  $G_j$  represents the Grade Points (GP) corresponding to the Letter Grade awarded for that  $j^{\text{th}}$  Subject. After registration and completion of I Year I Semester however, the SGPA of that Semester itself may be taken as the CGPA, as there are no cumulative effects.

#### Illustration of calculation of SGPA

Course/Subject	Credits	Letter Grade	Grade points	Credit Points
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Course 1	4	A	8	$4*8 = 32$
Course 2	4	O	10	$4*10 = 40$
Course 3	4	B	6	$4*6 = 24$
Course 4	3	B	6	$3*6 = 18$
Course 5	3	A+	9	$3*9 = 27$
Course 6	3	B	6	$3*6 = 18$
	21			159

$$\text{SGPA} = 159/21 = 7.57$$

#### Illustration of calculation of CGPA

Semester	Credits	SGPA	Credits * SGPA
Semester I	24	7	$24*7 = 168$
Semester II	24	6	$24*6 = 144$
Semester III	24	6.5	$24*6.5 = 156$
Semester IV	24	6	$24*6 = 144$
	96		612

$$\text{CGPA} = 612/96 = 6.37$$

### 10.0 Award of Degree and Class

**10.1** If a student who registers for all the specified Subjects/ Courses as listed in the Course Structure, satisfies all the Course Requirements, and passes the examinations prescribed in the entire PG Programme (PGP), and secures the required number of **68** Credits (with  $\text{CGPA} \geq 6.0$ ), shall be declared to have 'QUALIFIED' for the award of the M.Tech. Degree in the chosen Branch of Engineering and Technology with the specialization that he was admitted into.

### 10.2 Award of Class

After a student has earned the requirements prescribed for the completion of the programme and is eligible for the award of M.Tech. Degree, he shall be placed in one of the following three classes based on the CGPA:

Class Awarded	CGPA
First Class with Distinction	$\geq 7.75$
First Class	$6.75 \leq \text{CGPA} < 7.75$
Second Class	$6.00 \leq \text{CGPA} < 6.75$

A student with final CGPA (at the end of the **PGP**)  $< 6.00$  shall not be eligible for the Award of Degree.

### 11.0 Withholding of Results

If the student has not paid the dues, if any, to the University or if any case of indiscipline is pending against him, the result and degree of the student will be withheld and he will not be allowed into the next semester.

### 12.0 General

**12.1 Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.

**12.2 Credit Point:** It is the product of grade point and number of credits for a course.

**12.3** Wherever the words "he", "him", "his", occur in the regulations, they shall include "she", "her".

**12.4** The academic regulation should be read as a whole for the purpose of any interpretation.

**12.5** In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the University



is final.

- 12.6** 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.



PRINCIPAL  
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**MALPRACTICES RULES**  
**DISCIPLINARY ACTION FOR IMPROPER CONDUCT IN EXAMINATIONS**

S.No	Nature of Malpractices/Improper conduct	Punishment
	If the candidate:	
1.(a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject to the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination).	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject to the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate, who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.



4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent/ any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in- charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part there of inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.





8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action to award suitable punishment.	

**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.

  
PRINCIPAL  
M H V E E R  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Bansilguda, Hyd-500 009





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**(Established by Act No.30 of 2008)**  
**Kukatpally, Hyderabad-500085, Telangana State (India)**

**Academic Regulations of MBA (Regular/Full Time) Programme**  
**Under Choice Based Credit System (CBCS) 2022-23 (R22)**

**(Effective for the students admitted into I year from the Academic Year 2022-23 and onwards)**

**1.0** Jawaharlal Nehru Technological University Hyderabad (JNTUH) offers **Two** Years (**Four** Semesters) full-time Master of Business Administration (**MBA**) Degree programme, under CBCS at its constituent (non-autonomous) unit and affiliated colleges.

**2.0 Eligibility for Admissions**

**2.1** Admission to the MBA programme shall be made subject to eligibility, qualification prescribed by the University from time to time.

**2.2** Admission to the MBA programme shall be made on the basis of either the merit rank or Percentile obtained by the qualified student in the relevant qualifying Examination/ the merit rank obtained by the qualified student in an entrance test conducted by Telangana State Government (ICET) for MBA programme / an entrance test conducted by JNTUH/ on the basis of any other exams approved by the University, subject to reservations as laid down by the Govt. from time to time.

**2.3** The medium of instructions for MBA Programme will be **ENGLISH** only.

**3.0 MBA Programme Structure**

**3.1** The MBA Programme of JNTUH is in Semester pattern, with **Four** Semesters consisting of **Two** academic years, each academic year having **Two** Semesters (First/Odd and Second/Even Semesters). Each Semester shall be of 22 weeks duration (inclusive of Examinations), with a minimum of 90 instructional days per Semester.

**3.2** The two-year MBA program consists of 102 compulsory credits and the student has to register for all 102 credits and earn all 102 credits for the award of MBA degree. There is **NO** exemption of credits in any case.

**3.3** The student shall not take more than **four** academic years to fulfill all the academic requirements for the award of MBA degree from the date of commencement of first year first semester, failing which the student shall forfeit the seat in MBA programme.

**3.4** **UGC/AICTE** specified definitions/descriptions are adopted appropriately for various terms and abbreviations used in these PG academic regulations, as listed below:

**3.4.1 Semester Scheme**

Each Semester shall have 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) are taken as 'references' for the present set of Regulations. The terms 'SUBJECT' and 'COURSE' imply the same meaning here and refer to 'Theory Subject', or 'Lab Course', or 'Seminar', or 'Internship', or 'Project' as the case may be.

**3.4.2 Credit Courses**

All subjects/courses are to be registered by the student in a semester to earn credits which shall be



assigned to each subject/course in an L: T: P: C (Lecture Periods: Tutorial Periods: Practical Periods: Credits) structure based on the following general pattern:

- One credit for one hour/week/semester for theory/lecture (L)/ laboratory/practical (P) or tutorials (T) courses.
- Other student activities like study tour, guest lecture, conference/workshop participations, technical paper presentations, and identified mandatory courses, if any, will not carry credits.

### 3.4.3 Subject Course Classification

All subjects/courses offered for the MBA Degree Programme is broadly classified as follows. The University has followed in general the guidelines issued by AICTE/UGC.

S.No.	Broad Course Classification	Course Group/ Category	Course Description
1	Core Courses (CoC)	CC - Core Courses	Includes subjects related to the management
		Project Work	MBA Project or PG Project or Major Project
		Seminar /Pre-Submission Project Seminar / Summer Internship	Seminar based on core contents related to management
2	Elective Courses (EiE)	PE - Professional Electives	Includes elective subjects related to the specialization
		OE - Open Electives	Elective subjects which include inter-disciplinary subjects

### 4.0 Course Registration

- 4.1** A 'Faculty Advisor or Counselor' shall be assigned to each specialization, who will advise on the MBA, its Course Structure and Curriculum, Choice/Option for Subjects/ Courses, based on his competence, progress, pre-requisites and interest.
- 4.2** The Academic Section of the College invites 'Registration Forms' from students within 15 days from the commencement of class work through 'ON-LINE SUBMISSIONS', ensuring 'DATE and TIME Stamping'. The ON-LINE Registration Requests for any 'CURRENT SEMESTER' shall be completed BEFORE the commencement of SEEs (Semester End Examinations) of the 'PRECEDING SEMESTER'.
- 4.3** A Student can apply for ON-LINE Registration, ONLY AFTER obtaining the 'WRITTEN APPROVAL' from his Faculty Advisor, which should be submitted to the College Academic Section through the Head of Department (a copy of it being retained with Head of Department, Faculty Advisor and the Student).
- 4.4** If the Student submits ambiguous choices or multiple options or erroneous entries during ON-LINE Registration for the Subject(s) / Course(s) under a given/ specified Course Group/ Category as listed in the Course Structure, only the first mentioned Subject/ Course in that Category will be taken into consideration.
- 4.5** Subject/ Course Options exercised through ON-LINE Registration are final and CANNOT be changed, nor can they be inter-changed; further, alternate choices also will not be considered. However, if the Subject/ Course that has already been listed for Registration by the University in a



Semester could not be offered due to unforeseen or unexpected reasons, then the Student will be allowed to have alternate choice either for a new Subject, if it is offered, or for another existing Subject (subject to availability of seats). Such alternate arrangements will be made by the Head of Department, with due notification and time-framed schedule, within the FIRST WEEK from the commencement of Class-work for that Semester.

## 5.0 Attendance Requirements

The programmes are offered on the basis of a unit system with each subject being considered a unit. Attendance is calculated separately for each subject.

5.1 Attendance in all classes (Lectures/Laboratories) is compulsory. The minimum required attendance in each theory including the attendance of mid-term examination / Laboratory etc. is 75%. Two periods of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject. A student shall not be permitted to appear for the Semester End Examinations (SEE), if his attendance is less than 75%.

5.2 **Condoning of shortage of attendance** (between 65% and 75%) up to a maximum of 10% (considering the days of attendance in sports, games, NCC, NSS activities and Medical grounds) in each subject of a semester shall be granted by the College Academic Committee on genuine reasons.

5.3 Shortage of Attendance below 65% in any subject shall in **no case be condoned**.

5.4 A Student, whose shortage of attendance **is not condoned** in any subject(s) in any semester, is considered detained in that subject(s) and is not eligible to write Semester End Examination(s) of such subject(s) in that semester, and he has to seek re-registration for those subject(s) in subsequent semesters, and attend the same as and when offered.

5.5 A student fulfills the attendance requirement in the present semester, shall not be eligible for readmission into the same class.

5.6 A prescribed fee per subject shall be payable for condoning shortage of attendance after getting the approval of College Academic Committee for the same. The College Academic Committee shall maintain relevant documents along with the request from the student.

5.7 A Candidate shall acquire minimum required attendance subject-wise in at least THREE theory subjects in each semester for promoting to next Semester.

## 6.0 Academic Requirements

The following academic requirements have to be satisfied, in addition to the attendance requirements mentioned in item no. 5. The performance of the candidate in each semester shall be evaluated subject-wise, with a maximum of 100 marks per subject/course (theory / laboratory), on the basis of Internal Evaluation (for 40 marks) and Semester End Examination (for 60 marks).

6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if he secures not less than 40% of marks (16 out of 40 marks) in the Continuous Internal Evaluation (CIE), not less than 40% of marks (24 out of 60 marks) in the Semester End Examination (SEE), and a minimum of 50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades and this implies securing 'B' Grade or above in a subject.

6.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to a subject/ course, if he secures not less than 50% of the total marks. The student is



deemed to have failed, if he does not submit a report on summer internship or does not make a presentation of the same before the evaluation committee as per schedule, in such a case, he has to reappear for the same during the supplementary examinations as and when the notification is issued, subject to item 3.2.

- 6.3** A student shall register for all subjects for total of **102** credits as specified and listed in the course structure for the chosen specialization, put in the required attendance and fulfill the academic requirements for securing **102** credits obtaining a minimum of 'B' Grade or above in each subject, and all **102** credits securing Semester Grade Point Average (**SGPA**)  $\geq 6.0$  (in each semester) and final Cumulative Grade Point Average (**CGPA**) (i.e., CGPA at the end of MBA Programme)  $\geq 6.0$ , to complete the MBA Programme successfully.

**Note: (1) The SGPA will be computed and printed on the marks memo only if the candidate passes in all the subjects offered and gets minimum 'B' grade in all the subjects.**

**(2) CGPA is calculated only when the candidate passes in all the subjects offered in all the semesters**

- 6.4** Marks and Letter Grades obtained in all those subjects covering the above specified **102** credits alone shall be considered for the calculation of final CGPA, which will be indicated in the Grade Card /Marks Memo of second year second semester.

- 6.5** If a student registers for extra subject(s) (in the parent specialization or other specializations of Management) other than those listed subjects totaling to **102** credits as specified in the course structure, the performance in extra subject(s) (although evaluated and graded using the same procedure as that of the required **102** credits) will not be considered while calculating the SGPA and CGPA. For such extra subject(s) registered, percentage of marks and Letter Grade alone will be indicated in the Grade Card/Marks Memo, as a performance measure, subject to completion of the attendance and academic requirements as stated in items 5 and 6.1 - 6.3.

- 6.6** When a student is detained due to shortage of attendance in any subject(s) in any semester, no Grade allotment will be made for such subject(s). However, he is eligible for re-registration of such subject(s) in the subsequent semester(s), as and when next offered, with the academic regulations of the batch into which he is re-registered, by paying the prescribed fees per subject. In all these re-registration cases, the student shall have to secure a fresh set of internal marks and Semester End Examination marks for performance evaluation in such subject(s), and SGPA/CGPA calculations.

- 6.7** A student eligible to appear for the Semester End Examination in any subject, but absent from it or failed (failing to secure 'B' Grade or above), may reappear for that subject at the supplementary examination as and when conducted. In such cases, his Internal Marks assessed earlier for that subject will be carried over, and added to the marks secured in the supplementary examination, for the purpose of evaluating his performance in that subject.

- 6.8** A Student who fails to earn **102** credits as per the specified course structure, and as indicated above, within **four** academic years from the date of commencement of his first year first semester, shall forfeit his seat in MBA programme and his admission **shall stand cancelled**.

#### **7.0 Evaluation - Distribution and Weightage of Marks**

The performance of a student in each semester shall be evaluated subject- wise (irrespective of credits assigned) for a maximum of 100 marks. The MBA project work (main project viva voce) will also be evaluated for 100 marks.

- 7.1** For the theory subjects 60 marks shall be awarded for the performance in the Semester End



Examination and 40 marks shall be awarded for Continuous Internal Evaluation (CIE). The Continuous Internal Evaluation shall be made based on the average of the marks secured in the two Mid-Term Examinations conducted, first Mid-Term examinations in the middle of the Semester and second Mid-Term examinations during the last week of instruction.

In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of two parts i) **Part – A** for 10 marks, ii) **Part – B** for 20 marks with a total duration of 2 hours as follows:

1. Mid-Term Examination for 30 marks:
  - a. Part - A: Objective/quiz paper/Short Note questions for 10 marks.
  - b. Part - B: Descriptive paper for 20 marks.

The objective/quiz paper is set with multiple choice, fill-in the blanks and match the following type of questions for a total of 10 marks. The descriptive paper shall contain 6 full questions out of which, the student has to answer 4 questions, each carrying 5 marks. The average of the two Mid Term Examinations shall be taken as the final marks for Mid Term Examination (for 30 marks).

The remaining 10 marks of Continuous Internal Evaluation are distributed as:

2. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)
3. PPT/Poster Presentation/ Case Study/Video presentation/Survey/Field Study/Group discussion /Role Play on a topic in the concerned subject for 5 marks before II Mid-Term Examination.

While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus.

Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

PPT/Poster Presentation/ Case Study/Video presentation/Survey/Field Study/Group discussion /Role Play on a topic in the concerned subject for 5 marks before II Mid-Term Examination.

- The Student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and Overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks taking together.

*The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 Continuous Internal Examination (CIE) marks.*

*In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.*

The details of the end semester question paper pattern are as follows:

- 7.2** The semester end examinations (SEE), for theory subjects, will be conducted for 60 marks consisting of two parts viz. i) **Part- A** for 10 marks, ii) **Part - B** for 50 marks.
- Part-A is a compulsory question which consists of ten sub-questions from all units carrying equal marks.
  - Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from each unit and may contain sub-questions. For each question there will be an "either" "or" choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
  - The duration of Semester End Examination is 3 hours.



- 7.3** For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40 marks and 60 marks for semester end examination. Out of the 40 marks for internal evaluation:
1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure, expected outcome) which shall be evaluated for 10 marks
  2. 10 marks for viva-voce (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
  3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 10 marks.
  4. The remaining 10 marks are for Laboratory Project, which consists of the Project design / Program execution / field study submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

The Semester End Examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the cluster/ other colleges which will be decided by the examination branch of the University.

In the Semester End Examination held for 3 hours and total 60 marks are divided and allocated as shown below:

1. 10 marks for write-up
  2. 15 for experiment/program
  3. 15 for evaluation of results
  4. 10 marks for presentation on another experiment/program in the same laboratory course
  5. 10 marks for viva-voce on concerned laboratory course
- The Student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and Overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks taking together.

*The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 Continuous Internal Examination (CIE) marks.*

*In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.*

- 7.4** For conducting laboratory end examinations, one internal examiner and one external examiner are to be appointed by the Principal of the College and this is to be informed to the Director of Evaluation within two weeks, before commencement of the lab end examinations. The external examiner should be selected from outside the College concerned but within the cluster. No external examiner should be appointed from any other College in the same cluster/any other cluster which is run by the same Management. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.3.
- 7.5** There shall be a summer internship during the summer vacation of I Year II Semester and the evaluation is done in II Year I Semester. Summer internship Report has to be submitted to the department after approval by the concerned supervisor/mentor and the Head of the department. Summer internship Report is evaluated for 100 marks. The report has to be evaluated by the Head, Supervisor/ mentor and a senior faculty of the department. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.2.
- 7.6** Every candidate shall be required to submit a thesis or dissertation on a topic approved by the





Project Review Committee.

- 7.7** A Project Review Committee (PRC) shall be constituted with the Head of the Department as Chairperson, Project Supervisor and one senior faculty member of the Departments offering the MBA programme.
- 7.8** Registration of Project Work: A candidate is permitted to register for the project work at the beginning of II Year II Semester after satisfying the attendance requirement in all the subjects, both theory and laboratories upto II Year I Semester. The duration of the project work is one semester.
- 7.9** After satisfying 7.8, a student, in consultation with his Project Supervisor, has to present the title, objective, and plan of action of his project work to the Project Review Committee (PRC) for approval within **two weeks** from the commencement of II Year II Semester. The student can initiate the Project work after obtaining the approval of the PRC. The Supervisor and PRC will examine the progress of the Project Work during pre-submission project seminar. For the subject 'pre-submission project seminar', there will be only internal evaluation for 100 marks. Evaluation shall be done by the PRC for 50 marks and the Supervisor shall evaluate the work for another 50 marks. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examination as and when notification is issued, subject to item 3.3. Pre-submission project seminar has to be conducted along with 1<sup>st</sup> and 2<sup>nd</sup> mid-term examinations.
- 7.10** If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of the PRC. However, the PRC shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.
- 7.11** A candidate is permitted to submit project thesis with the approval of PRC not earlier than **16 weeks** from the date of commencement of fourth semester. For the approval of PRC, the candidate shall submit the draft copy of thesis to the Head of the Department and make an oral presentation before the PRC during the Pre-submission project seminar at 2<sup>nd</sup> mid-term examinations.
- 7.12** After approval from the PRC, a soft copy of the thesis should be submitted for ANTI-PLAGIARISM check and the plagiarism report should be submitted to the University and be included in the final thesis. The Thesis will be accepted for submission, if the similarity index is less than **30%**. If the similarity index has more than the required percentage, the student is advised to modify accordingly and re-submit the soft copy of the thesis after one month. The maximum number of re-submissions of thesis after plagiarism check is limited to TWO. The candidate has to register for the Project work and work for one semester. After three attempts, the admission is liable to be cancelled. The college authorities are advised to make plagiarism check of every soft copy of theses before submissions.
- 7.13** Three copies of the Project Thesis certified by the supervisor shall be submitted to the College/School/Institute.
- 7.14** The thesis shall be adjudicated by an external examiner selected by the University. For this, the Principal of the College/School/Institute shall submit a panel of **three** examiners from among the list of experts in the relevant specialization as submitted by the supervisor concerned and Head of the Department.
- 7.15** If the report of the external examiner is unsatisfactory, the candidate shall revise and resubmit the Thesis. If the report of the examiner is unsatisfactory again, the thesis shall be summarily rejected. Subsequent actions for such dissertations may be considered, only on the specific recommendations of the external examiner and /or Project Review Committee. No further correspondence in this matter will be entertained, if there is no specific recommendation for resubmission.



- 7.16** If the report of the external examiner is satisfactory, the Head of the Department shall coordinate and make arrangement for the conduct of Main Project Viva - Voce examination. The Main Project Viva-Voce examination will be evaluated for 100 marks. The Main Project Viva-Voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who adjudicated the Thesis. The candidate has to secure a minimum of 50% of marks in Main Project Viva-Voce examination. For Main Project Viva – Voce examination one external examiner shall be allotted for a group of ten students (in a panel minimum of three students should be there). The Main Project Viva-Voce examination shall be conducted within two weeks after completion of the fourth semester end examinations. The Students need to prepare the PPT (Slides) of the project work for the Viva –voce examination.
- 7.17** If he fails to fulfill the requirements as specified in 7.16, he will reappear for the Main Project Viva-Voce examination only after three months. In the reappeared examination also, if he fails to fulfill the requirements, he will not be eligible for the award of the degree, unless he is asked to revise and resubmit his project work by the board within a specified time period (within **four** years from the date of commencement of his first year first semester).
- 7.18** The Main Project Viva-Voce External examination marks must be submitted to the University on the day of the examination.

## **8.0 Re-Admission/Re-Registration**

### **8.1 Re-Admission for Discontinued Student**

A student, who has discontinued the MBA degree programme due to any reason whatsoever, may be considered for '**readmission**' into the same degree programme (with the same specialization) with the academic regulations of the batch into which he gets readmitted, with prior permission from the authorities concerned, subject to item 6.6.

- 8.2** If a student is detained in a subject (s) due to shortage of attendance in any semester, he may be permitted to **re-register** for the same subject(s) in the same category (core or elective group) or equivalent subject, if the same subject is not available, as suggested by the Board of Studies of that department, as and when offered in the subsequent semester(s), with the academic regulations of the batch into which he seeks re-registration, with prior permission from the authorities concerned, subject to item 3.2.

- 8.3** ***A candidate shall be given only one-time chance to re-register and attend the classes for a maximum of two subjects in a semester***, if the internal marks secured by a candidate are less than 40% and failed in those subjects but fulfilled the attendance requirement. A candidate must re-register for failed subjects within four weeks of commencement of the class work, in the next academic year and secure the required minimum attendance. In the event of the student taking this chance, his Continuous Internal Evaluation (internal) marks and Semester End Examination marks obtained in the previous attempt stand cancelled.

## **9.0 Examinations and Assessment - The Grading System**

- 9.1** Grades will be awarded to indicate the performance of each student in each Theory Subject, or Lab/Practicals, or Seminar, or Project, etc., based on the % of marks obtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both taken together) as specified in Item 7 above, and a corresponding Letter Grade shall be given.
- 9.2** As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades (UGC Guidelines) and corresponding percentage of marks shall be followed:



<b>% of Marks Secured in a subject/Course (Class Intervals)</b>	<b>Letter Grade (UGC Guidelines)</b>	<b>Grade Points</b>
90% and above ( $\geq 90\%$ , $\leq 100\%$ )	O (Outstanding)	10
Below 90% but not less than 80% ( $\geq 80\%$ , $< 90\%$ )	A+ (Excellent)	9
Below 80% but not less than 70% ( $\geq 70\%$ , $< 80\%$ )	A (Very Good)	8
Below 70% but not less than 60% ( $\geq 60\%$ , $< 70\%$ )	B+ (Good)	7
Below 60% but not less than 50% ( $\geq 50\%$ , $< 60\%$ )	B (above Average)	6
Below 50% ( $< 50\%$ )	F (FAIL)	0
<b>Absent</b>	<b>Ab</b>	<b>0</b>

- 9.3** A student obtaining F Grade in any Subject is deemed to have 'failed' and is required to reappear as 'Supplementary Candidate' for the Semester End Examination (SEE), as and when conducted. In such cases, his Internal Marks (CIE Marks) in those subjects will remain as obtained earlier.
- 9.4** If a student has not appeared for the examinations, 'Ab' Grade will be allocated to him for any subject and shall be considered 'failed' and will be required to reappear as 'Supplementary Candidate' for the Semester End Examination (SEE), as and when conducted.
- 9.5** A Letter Grade does not imply any specific marks percentage; it is only the range of percentage of marks.
- 9.6** In general, a student shall not be permitted to repeat any Subject/ Course (s) only for the sake of 'Grade Improvement' or 'SGPA/ CGPA Improvement'.
- 9.7** A student earns Grade Point (GP) in each Subject/ Course, on the basis of the Letter Grade obtained by him in that Subject/ Course. The corresponding 'Credit Points' (CP) are computed by multiplying the Grade Point with Credits for that particular Subject/ Course.

**Credit Points (CP) = Grade Point (GP) x Credits .... For a Course**

- 9.8** The student passes the Subject/ Course only when he **gets GP  $\geq 6$  (B Grade or above)**.
- 9.9** The Semester Grade Point Average (SGPA) is calculated by dividing the Sum of Credit Points ( $\Sigma CP$ ) secured from ALL Subjects/ Courses registered in a Semester, by the Total Number of Credits registered during that Semester. SGPA is rounded off to TWO Decimal Places. SGPA is thus computed as

$$\text{SGPA} = \left\{ \sum_{i=1}^N C_i G_i \right\} / \left\{ \sum_{i=1}^N C_i \right\} \dots \text{For each Semester,}$$

where 'i' is the Subject indicator index (taking into account all Subjects in a Semester), 'N' is the no. of Subjects 'REGISTERED' for the Semester (as specifically required and listed under the Course Structure of the parent Department),  $C_i$  is the no. of Credits allotted to the  $i^{\text{th}}$  Subject, and  $G_i$  represents the Grade Points (GP) corresponding to the Letter Grade awarded for that  $i^{\text{th}}$  Subject.

- 9.10** The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student over all Semesters considered for registration. The CGPA is the ratio of the Total Credit Points secured by a student in ALL registered Courses in ALL Semesters, and the Total Number of Credits registered in ALL the Semesters. CGPA is rounded off to TWO Decimal Places. CGPA is thus computed from the I Year Second Semester onwards, at the end of each Semester, as per the formula



$$\text{CGPA} = \left\{ \frac{\sum_{j=1}^M C_j G_j}{\sum_{j=1}^M C_j} \right\} \dots \text{ for all } S \text{ Semesters registered}$$

(ie., upto and inclusive of S Semesters,  $S \geq 2$ ),

where 'M' is the TOTAL no. of Subjects (as specifically required and listed under the Course Structure of the parent Department) the Student has 'REGISTERED' for from the 1<sup>st</sup> Semester onwards upto and inclusive of the Semester S ( obviously  $M > N$  ), 'j' is the Subject indicator index (taking into account all Subjects from 1 to S Semesters),  $C_j$  is the no. of Credits allotted to the j<sup>th</sup> Subject, and  $G_j$  represents the Grade Points (GP) corresponding to the Letter Grade awarded for that j<sup>th</sup> Subject. After registration and completion of I Year I Semester however, the SGPA of that Semester itself may be taken as the CGPA, as there are no cumulative effects.

#### Illustration of calculation of SGPA

Course/Subject	Credits	Letter Grade	Grade points	Credit Points
Course 1	4	A	8	4*8 = 32
Course 2	4	O	10	4*10 = 40
Course 3	4	B	6	4*6 = 24
Course 4	3	B	6	3*6 = 18
Course 5	3	A+	9	3*9 = 27
Course 6	3	B	6	3*6 = 18
	21			159

$$\text{SGPA} = 159/21 = 7.57$$

#### Illustration of calculation of CGPA

Semester	Credits	SGPA	Credits * SGPA
Semester I	24	7	24*7 = 168
Semester II	24	6	24*6 = 144
Semester III	24	6.5	24*6.5 = 156
Semester IV	24	6	24*6 = 144
	96		612

$$\text{CGPA} = 612/96 = 6.37$$

### 10.0 Award of Degree and Class

**10.1** If a student who registers for all the specified Subjects/ Courses as listed in the Course Structure, satisfies all the Course Requirements, and passes the examinations prescribed in the entire MBA Programme, and secures the required number of **102** Credits (with  $\text{CGPA} \geq 6.0$ ), shall be declared to have 'QUALIFIED' for the award of the MBA Degree that he was admitted into.

### 10.2 Award of Class

After a student has earned the requirements prescribed for the completion of the programme and is eligible for the award of MBA Degree, he shall be placed in one of the following three classes based on the CGPA:

Class Awarded	CGPA
First Class with Distinction	$\geq 7.75$
First Class	$6.75 \leq \text{CGPA} < 7.75$



Second Class	$6.00 \leq \text{CGPA} < 6.75$
--------------	--------------------------------

A student with final CGPA (at the end of the MBA Programme)  $< 6.00$  shall not be eligible for the Award of Degree.

### 11.0 Withholding of Results

If the student has not paid the dues, if any, to the University or if any case of indiscipline is pending against him, the result and degree of the student will be withheld and he will not be allowed into the next semester.

### 12.0 General

**12.1 Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or one hour of practical work/field work per week.

**12.2 Credit Point:** It is the product of grade point and number of credits for a course.

**12.3** Wherever the words "he", "him", "his", occur in the regulations, they shall include "she", "her".

**12.4** The academic regulation should be read as a whole for the purpose of any interpretation.

**12.5** In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the University is final.

**12.6** 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.

### 13.0 Transitory Regulations:

A. For students detained due to shortage of attendance:

1. A Student who has been detained in I year of R19 Regulations due to lack of attendance, shall be permitted to join I year I Semester of R22 Regulations and he is required to complete the study of MBA programme within the stipulated period of four academic years from the date of first admission in I Year.
2. A student who has been detained in any semester of II year of R18 regulations for want of attendance, shall be permitted to join the corresponding semester of R22 Regulations and is required to complete the study of MBA within the stipulated period of four academic years from the date of first admission in I Year. The R22 Academic Regulations under which a student has been readmitted shall be applicable to that student from that semester. See rule (B) for further Transitory Regulations.

B. For readmitted students in R22 Regulations:

4. A student who has failed in any subject under any regulation has to pass those subjects in the same regulations.
5. The maximum credits that a student acquires for the award of degree, shall be the sum of the total number of credits secured in all the regulations of his/her study including R22 Regulations. **There is NO exemption of credits in any case.**
6. If a student is readmitted to R22 Regulations and has any subject with 80% of syllabus common with his/her previous regulations, that particular subject in R22 Regulations will be substituted by another subject to be suggested by the University.



Note: If a student readmitted to R22 Regulations and has not studied any subjects/topics in his/her earlier regulations of study which is prerequisite for further subjects in R22 Regulations, the College Principals concerned shall conduct remedial classes to cover those subjects/topics for the benefit of the students.

**15.0 Student Transfers**

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

**15.2** There shall be no transfers from one college/stream to another within the constituent colleges and units of Jawaharlal Nehru Technological University Hyderabad.

**15.3** The students seeking transfer to colleges affiliated to JNTUH from various other Universities/institutions have to pass the failed subjects which are equivalent to the subjects of JNTUH, and also pass the subjects of JNTUH which the students have not studied at the earlier institution. Further, though the students have passed some of the subjects at the earlier institutions, if the same subjects are prescribed in different semesters of JNTUH, the students have to study those subjects in JNTUH in spite of the fact that those subjects are repeated.

**15.4** The transferred students from other Universities/Institutions to JNTUH affiliated colleges who are on rolls are to be provided one chance to write the CBT (for internal marks) in the **equivalent subject(s)** as per the clearance letter issued by the University.

**15.5** The autonomous affiliated colleges have to provide one chance to write the internal examinations in the **equivalent subject(s)** to the students transferred from other universities/institutions to JNTUH autonomous affiliated colleges who are on rolls, as per the clearance (equivalence) letter issued by the University.

  
PRINCIPAL  
**MAHVEER**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Bandlaguda, Hydrabad 500 081



**MALPRACTICES RULES**  
**DISCIPLINARY ACTION FOR IMPROPER CONDUCT IN EXAMINATIONS**

<b>S.No</b>	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	If the candidate:	
1.(a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers, Bluetooth devices, digital watches or any other form of material concerned with or related to the subject to the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination).	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject to the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year.  The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate, who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the	Expulsion from the examination hall and cancellation of performance in that subject and



	question paper during the examination or answer book or additional sheet, during or after the examination.	all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent/ any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in- charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already





		appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/ year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action to award suitable punishment.	

**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 center from the college to another college for a specific period of not less than one year.

\*\*\*\*\*



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E Mail : [dejntuh@jntuh.ac.in](mailto:dejntuh@jntuh.ac.in)  
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## **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

(Established by JNTU Act No. 30 of 2008)  
Kukatpally, Hyderabad – 500 085 Telangana (India)  
ACCREDITED BY NAAC WITH 'A' GRADE

**Dr. K. VENKATESWARA RAO**

M.Sc.,M.Tech.,PhD.,PDF(USA).

Professor of Nano Technology &

**DIRECTOR OF EVALUATION**

**Lr.No.1180 DE/JNTUH/ B.Tech/ B.Pharm Examinations April-2023, Date:03-03-2023.**

To  
The Principals,  
JNTUH Constituent and Affiliated Colleges offering B.Tech/ B.Pharm.Courses

Sir /Madam,

Sub : JNTUH, Hyderabad - Examination Branch - B.Tech/B.Pharm II Year I Sem Regular/Supply and II Year II Sem Supply Examinations April-2023-Notification- Instructions to the Principals-Reg.

\* \* \* \* \*

The Principals of the constituent and affiliated Engineering Colleges are hereby informed that the University Examination Branch issues notification for the conduct of B.Tech/ B.Pharm II Year I Sem Regular/Supply examinations and B.Tech. / B.Pharm. II Year II Sem Supply University examinations during April-2023.

This notification is issued for the conduct of following examinations:-

1.	II B.Tech. I Sem.(R18) – Regular/ Supplementary Examinations	1.	II B. Pharm. I Sem.(R17) – Regular/ Supplementary Examinations
2.	II B.Tech. I Sem.(R16, R15, R13) – Supplementary Examinations	2.	II B. Pharm. I Sem.( R16, R15, R13) - Supplementary Examinations
3.	II B.Tech. II Sem.( R18, R16, R15, R13) - Supplementary Examinations	3.	II B. Pharm. II Sem.(R17, R16, R15, R13) – Supplementary Examinations

**The Principals are requested to note the following instructions:-**

1. Every college has to make the consolidated fees (Exam. Registration fee + part-1 cut slip penalties + PC fee & OD fee in case of final year/course ) payment for all the above examinations in the form of a single RTGS / NEFT / GRPT Transfer to the Registrar's Bank Account No.62079988622 (State Bank of India, JNTUH Campus Branch, IFSC/RTGS/GRPT Code: SBIN0021008).

Contd.2

2. The Student registration should be done through the specified url address given in the tables

COLLEGE CODES	URL address
7, 8, 24, 25, 26, 27, 28, 32, 37, 60, 64, 65, 68, 84, 86, 87, 91, 92, 95, 1R, 5R, 5X, 6C,6D, 6E, 6J, 6K, 6L, 6P, 6R, 6T, 6U, 6X, 6Y, 7A, 7G, AN, B7, B9, BD, BR, C2, C3, C4,C5, C6, C8, D9, E3, E6, EK, HD, J0, J1, J4, J9, K4, K7, K8, K9, L5, M6, N0, N6, N9,P8, PP, Q9, QD, QK, QP, QT, R0, R2, R4, R7, RC, RH, RJ, RT, S4, S5, TD, TF, TJ, TK,TM, TR, U3, U5, U8, UC, UD, UE, UK, UM, UN, UU, W0, W7, W9,WH, X6.	<a href="http://registrations1.jntuh.ac.in/olrbtech">http://registrations1.jntuh.ac.in/olrbtech</a>
14, 21, 29, 36, 40, 56, 57, 58, 59, 62, 63, 66, 79, 80,82, 83, 89, 93, 94, 5A, 5C,5G, 5J, 5Q, 5T, 5Y, 5Z, 6B, 6N, 6W, 7D, 7E, 7N, 7P, 7U, 7W, 8B, AU, B3, B4, B5, BH, C1, C7,D0, D1, D3, D7, DN, E0, E4, E5, E7, FG, G7, J3, J6, J7, K0, L0, M5, M8, N2, N5, QE,QG, QN, QU, RE, RF, RM, RN, RQ, RR,SS, TA, TE, TH, TN, TT, TU, U2, U7, UA, UF,UG,UH,UQ,UT,WJ,WK,WL, X8	<a href="http://registrations2.jntuh.ac.in/olrbtech">http://registrations2.jntuh.ac.in/olrbtech</a>
30, 31, 61, 67, 88, 5D, 5E, 5F, 5U, 5W, 6A, 6F,6H, 6M, 6Q, 6Z, 7B, 7C, 7F, 7Q, 7T 7R, 7Y, 7Z, 8A ,8P, 8Q, 8R, 8U, 8W, 8X, 8Y, 9A, 9B, 9C, 9G, 9J, 9K, 9L, 9M, 9P, 9R, AG, AQ, B6, B8, BA, BE, BK, BT, C0, C9, D2, D4, D5, D6, D8, E1, E2, GE, GM, H1,H2, H3, H5, H6, H8, J2, J5, J8, JJ, K3, L7, M1, M2, M3, M4, M9, N1, N3, N4, N7, N8,P0, P6, P7, PQ, PR, PT, PU, Q6, Q8, QA, QC, QF, QH, QJ, QM, QQ, QR, R1, R3, R5,R9, RA, RD, RG, RK, RP , RU, S1, S3, T8, TC, TG, TP, TQ, U0, U1, U6, UJ, UP, UR,VD, VE, VF, VG, W1, W4, W8, X0, X3, X7, RS	<a href="http://registrations3.jntuh.ac.in/olrbtech">http://registrations3.jntuh.ac.in/olrbtech</a>

3. Different deadlines for Different schedules of events, schedule for booklet collections and other details are mentioned here under.

### STUDENT EXAMINATION REGISTRATION SCHEDULE

<i>EVENT</i>	<i>Start date of registration for both Regular&amp;Supply (at respective colleges)</i>	<i>Last date of registration for both Regular&amp;Supply (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS transfer For both Regular &amp; Supply.Exams fee)</i>
<b>Exam Registration Without Late Fee</b>	<b>06-03-2023</b>	<b>16-03-2023</b>	<b>11-04-2023</b> <b>For II Year I Sem reg/supply</b> <b>II Year II Sem supply</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>17-03-2023</b>	<b>24-03-2023</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>25-03-2023</b>	<b>03-04-2023</b>	
<b>Exam Registration With Late Fee of Rs.2000/-</b>	<b>04-04-2023</b>	<b>10-04-2023</b>	
<b>Exam Registration With Late Fee of Rs.5000/-</b>	<b>11-04-2023</b>	<b>15-04-2023</b>	
<b>Exam Registration With Late Fee of Rs.10000/-</b> <b>* This late fee application should be manually submitted along with demand draft.</b>	<b>16-04-2023</b>	<b>Till end of exams</b>	

Contd.3

**Following activities need to be completed before coming for the collection of exam stationary**

a. Submission of Consolidated fees (Exam. Registration fee + part-1 cut slip penalties) transfer receipt.	College wise schedule is given in the table below
b. Submission of year-wise detained lists and condonation lists	
c. Hard copy of proposed list of observers (minimum of six members). The soft copy of the list should be mailed to the ACE concerned before the time deadline specified by respective ACEs.	
d. Submission of clearance certificate wherever necessary.	
Collection of pre-printed Answer booklets and practical OMR answer sheets as mentioned in the table below, by submitting the receipt obtained from the counter to the officer concerned.	<b>12-04-2023 &amp; 13-04-2023</b> <b>Refer the table below</b>
Uploading of Attendance of last fortnight by the college for II-I Regular students.	<b>08-04-2023 (03.00 pm)</b>
<b>Detained and Condonation list will be generated by the University</b>	<b>10-04-2023</b>
DD Report available for Downloading and making payment	<b>11-04-2023</b>
Downloading (through examination portal) and issue of hall-tickets	<b>12-04-2023</b>
Intimation of discrepancies in the pre-printed answer booklets to Examination Branch in person only by college representative	<b>14-04-2023</b>
Collect the correct answer booklets of discrepancy cases	<b>15-04-2023</b>
The last dates for uploading Internal marks	<b>15-04-2023</b>
The last dates for uploading external lab marks	<b>15-04-2023</b>
Submission of consolidated Internal and external lab marks hard copy on or before Addl. Controller of Examinations (Online)	<b>17-04-2023</b>

**ANSWER BOOKLET COLLECTION SCHEDULE**  
**(for All II-I Sem, II Year II Sem B.Tech/ B.Pharmacy)**

S.NO	DATE	COLLEGE CODES	Officer concerned for issue of stationary
1	12-04-2023	All Colleges offering II Year I Sem reg /supply and II Year II Sem supply B.Pharmacy	<b>ACE-1</b> <b>(DR K P Supreethi)</b>
2	12-04-2023	7, 8, 24, 25, 26, 27, 28, 32, 37, 60, 64, 65, 68, 84, 86, 87, 91, 92, 95, 1R, 5R, 5X, 6C,6D, 6E, 6J, 6K, 6L, 6P, 6R, 6T, 6U, 6X, 6Y, 7A, 7G, AN, B7, B9, BD, BR, C2, C3, C4,C5, C6, C8, D9, E3, E6, EK, HD, J0, J1, J4, J9, K4, K7, K8, K9, L5, M6, N0, N6, N9,P8, PP, Q9, QD, QK, QP, QT, R0, R2, R4, R7, RC, RH, RJ, RT, S4, S5, TD, TF, TJ, TK, TM, TR, U3, U5, U8, UC, UD, UE, UK, UM, UN, UU, W0, W7, W9,WH, X6	<b>ACE-2</b> <b>(DR K P Supreethi)</b>
3	13-04-2023	14, 21, 29, 36, 40, 56, 57, 58, 59, 62, 63, 66, 79, 80 ,82, 83, 89, 93, 94, 5A, 5C,5G, 5J, 5Q, 5T, 5Y, 5Z, 6B, 6N, 6W, 7D, 7E, 7N, 7P, 7U, 7W, 8B, AU, B3, B4, B5, BH, C1, C7,D0, D1, D3, D7, DN, E0, E4, E5, E7, FG, G7, J3, J6, J7, K0, L0, M5, M8, N2, N5, QE,QG, QN, QU, RE, RF, RM, RN, RQ, RR,SS, TA, TE, TH, TN, TT, TU, U2, U7, UA, UF,UG,UH,UQ,UT,WJ,WK,WL,X8,RS	<b>ACE-3</b> <b>(Dr M Shailaja)</b>
4	13-04-2023	30, 31, 61, 67, 88, 5D, 5E, 5F, 5U, 5W, 6A, 6F,6H, 6M, 6Q, 6Z, 7B, 7C, 7F, 7Q, 7T ,7R, 7Y, 7Z, 8A ,8P, 8Q, 8R, 8U, 8W, 8X, 8Y, 9A, 9B, 9C, 9G, 9J, 9K, 9L, 9M, 9P, 9R, AG, AQ, B6, B8, BA, BE, BK, BT, C0, C9, D2, D4, D5, D6, D8, E1, E2, GE, GM, H1,H2, H3, H5, H6, H8, J2, J5, J8, JJ, K3, L7, M1, M2, M3, M4, M9, N1, N3, N4, N7, N8,P0, P6, P7, PQ, PR, PT, PU, Q6, Q8, QA, QC, QF, QH, QJ, QM, QQ, QR, R1, R3, R5,R9, RA, RD, RG, RK, RP , RU, S1, S3, T8, TC, TG, TP, TQ, U0, U1, U6, UJ, UP, UR,VD, VE, VF, VG, W1, W4, W8, X0, X3, X7	<b>ACE-4</b> <b>(Dr M Shailaja)</b>

Contd.4

*Amount to be retained by colleges*

B.Tech / B.Pharm Year/Semester	Regular(Rs.)	Supplementary (Irrespective of No. of subjects) (Rs.)
<b>II Year I Sem Regular/Supply</b>	250- 30* + 10** = 230	125-18*+10**=117
<b>II Year II Sem supply</b>	-	125-18*+10**=117

\* Logistic postal service, \*\* Hall Ticket charges \*\*\* *Remuneration for Host center should be calculated as per Lr.DE/JNTUH/EB/Remuneration/Change of center/2012dt.:26-06-12*

4. The Principals are requested to verify the eligibility of the candidates for registrations of the examinations in respect of whether the candidate has undergone regular study of previous years / semesters and obtained required number of credits for promotion as per existing academic regulations. Only eligible candidates should be allowed to register for University exams. Any deviation will be viewed seriously.
5. In the case of regular students attending class-work, the students have to pay the examination fee for regular exams of II Year I Semester only when the attendance requirement is satisfied by considering presumptive attendance for one week. However, the examination registrations should be completed as per time schedule mentioned in this notification. If any student is detained due to shortage of attendance, but paid the examination fee, arrange to refund the regular examination fee before transfer of consolidated fees to University.
6. **JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).**
7. Upload the faculty details for each of the registered subject of the regular series using the appropriate menu service, for the purpose of appointing them for spot valuation duty or as Examiners / Resource persons for various confidential works, it is mandatory. If the faculty member is already registered as a valuer, the valuer ID must also be entered. If any faculty member services cannot be extended for spot valuator duty, appropriate service may be used to mention the same
8. The University exam branch shall issue the faculty specific orders for spot valuation duty. In addition another letter to principal of the parent college will be sent informing the faculty members selected for spot valuation duty. The colleges should depute the faculty for spot valuation duty without fail and treat their absence as on-duty. It will be counted as present in University BAS.
9. All the Principals are requested to take proper care in uploading and sending the hard copy of Internal Marks for all regular students, who are promoted in that semester irrespective of their registration / non-registration for University examinations.

(Contd.5)

10. The Lab external marks in each lab examination have to be uploaded using the respective registration portals. After the successful upload and freeze, the examiners and the Principal have to put their signature on the print out of the system generated PDF report. These reports are to be sent on the first day of University exams along with the consolidated internal marks hard copy reports .
11. The Principals are hereby informed, by direction, if award lists of the Lab Examinations and hard copy of consolidated internal marks are not received by the University examination branch on or before the scheduled date, absent will be shown in the results and no correction will be entertained later
12. The request for the Challenge Valuation shall only be considered for those who applied for re-valuation in the specific subject.
13. If any student applied for RC/RV and if the results are not declared by the time of start of registrations for exams., the candidates are advised to register as per the time schedule given in the notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the candidate passes the examination in RC/RV results, the Principals are requested to take necessary steps to refund examination fee paid by the students for the subjects in which he/she passed and transfer the consolidated fees excluding the above amount.
14. Do not carry out any correction in the subjects registered after the registration deadline. Even for the candidates who pass in RC/RV, deletion should not be done. All such cases will attract the late fee which is prevailing on that date of correction. The registrations of such students who passed in RC / RV will be deleted by the exam branch before the generation of DD report. If revaluation/ challenge valuation result are declared after the generation of DD report, that amount will be shown as credit and adjusted in the next series of examinations. All the requests for other types of corrections are to be made separately by the Principals on their letterheads to DE.
15. While collecting the stationary of University exams the envelope of all the returned marks memos (due to RC/RV or name correction) should be submitted at the counters
16. Any deletion request after approval of examination registration attracts a fine of Rs.100/- per student per semester.
17. If any subject correction is received after the closure of the registrations, all such corrections will attract a penalty of Rs.100/- per subject, per student. Hence the Principals are requested to thoroughly verify before carrying out the registrations.
18. Upload of information about the usage of blank booklets is mandatory. Other-wise it may lead to non-declaration of result. The Part-1 cut-slips of such used blank answer booklets (generally such cut-slips in any college shall be a single digit number) are to be sent in separate pre-printed envelopes which shall be issued to each college along with the stationary.
19. On the last day of regular series exams one sealed envelope and on the last day of supply series exams the second sealed envelope consisting Part-1 cut slips of used blank booklets should be sent along with last exam answer scripts (through postal van ). On top of the envelope "used blank booklets part- I cut slips" should be written in bold letters.

(Contd.6)

20. If any college uses blank answer booklet, unless the student details are furnished, the D-form cannot be generated. Appropriate changes in the software will be incorporated to ensure this rule. Hence all the Principals are informed to keep the cut slips of blank used answer booklets ready before generating the pdf report of D-Form of that session(day) exams.
21. D-Form for each session should be uploaded within one hour after completion of examination duly incorporating malpractice / court cases. If any college fails to upload the D-Forms, the EDEP question papers of the following day shall not be kept in their respective Principal accounts. Principals are requested to take necessary care during upload of D-form. Any failure in upload due to technical problems must be brought to the notice of ACE (Online) (Mobile No. : 9704033577, 9989980170.)
22. Whenever a pre-printed answer booklet is found stitched with two OMRs, following decision is to be taken

S.No	Issue	Decision
1	The students of both the OMR sheets are present for the exams	The booklet should be given to the candidate whose particulars are printed on top OMR. The bottom OMR should be torn at perforations, retaining the top OMR
2	If one of the two students are present and the other student is absent	Tear off the OMR sheet of absent student at perforations and issue the booklet to the student who is present

23. Answer scripts of the Malpractice cases are to be kept in a separate sealed cover and are to be sent on the same day to Dr P Prasanna ACE (Academic & Legal), Examination Branch, JNTUH, Kukatpally, Hyderabad-500085 and such cases are to be reported as Malpractice Cases in D-form. However the exam answer scripts of the students which belong to 'Court case' category are to be included in the main answer booklets bundles of the same section and addressed to the concerned ACEs. On the sealed envelope of malpractice booklets" malpractice case answer booklets" should be written with Red –Ink Pen.
24. Unused blank booklets and booklets of absent students should be retained in the host college only. However the parent colleges are informed to take a copy of the present & absent statements (D-forms) from the host colleges.
25. The blank answer booklets should not be exchanged among the colleges. The Univ. exam branch maintains the record of range of answer booklets given to each college, if exchange happens anywhere, it will be treated as malpractice and serious action will be taken on both the issued college and used colleges.
26. Notifications for the students are enclosed along with this letter. The Principals are requested to display the same in the students notice board.
27. A service is added for knowing all the backlog subjects of the subjects of the students which are not registered. This service will be enabled only on .... 13-03-2023
28. If there are any discrepancies like the question is incomplete in the question paper or a question is out of syllabus, all such discrepancies should be submitted to Director of Evaluation within 3 days of that examination. Otherwise such requests will not be entertained.

(Contd.7)

29. Part-1 cut slips of answer booklets are to be torn - off at the host centre for all the used answer scripts. Similar to the counting of used answer booklets, the part-1 cut slips are also to be counted. Both the counts must be matched. If any college neglects to remove Part-1 cut slip of any answer script, the matter will be viewed very seriously and a penalty of Rs 1000/- per each un-cut Part-1 slip will be levied and a memo will be issued.
30. Instructions to Chief Superintendents, Instructions to Invigilators and Instructions to Observers shall be scrupulously followed.
31. One observer will be nominated to each host-centre, typically for duration of one week period. On the last day of each spell of observer's duty following needs to be submitted i) the observer diary of all days of the current spell and observer remuneration bill in a sealed cover and ii) part-I cut slips of blank answer booklets are to be submitted to postal – van along with the exam answer booklets of the students.
32. The Registrations should be done through JNTUH Exam Registration Portals only.
33. The helpline number for JNTUH Exam Registration Portals is 9704033577, 9989980170. Any problems in registration should be sent to: support.registrations@jntuh.ac.in
34. The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.
35. Following services are available in the student service portal with URL [https://student services.jntuh.ac.in/oss](https://student.services.jntuh.ac.in/oss)
- a) Old semester exam question papers (UG, PG & Pre- PhD)
  - b) ) Syllabus of pervious years
  - c) Convocation notification and other services.
- The principals are informed to encourage students to visit this portal frequently for student services

**DATE :03-03 -2023**

**Copy To :**

CE, All ACEs , All B.Tech / B.Pharm. Constituent and Affiliated Colleges (through portal),  
AR (EXAMS), SDC Section, Concerned Seat Clerk

Yours sincerely

Sd/-

**DIRECTOR OF EVALUATION**







## EXAMINATION BRANCH

### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY – HYDERABAD – 500 085

**NOTIFICATION FOR B.TECH. II YEAR I SEM (R18) REGULAR/SUPPLY II\_I (R16, R15, R13) SUPPLY, II\_II (R18, R16, R15, R13) SUPPLY EXAMINATIONS, APRIL-2023**

#### FOR

**B.TECH - II YEAR - I SEMESTER REGULAR/SUPPLEMENTARY EXAMINATIONS (R18) REGULATIONS**  
[For R18 – 2018, 2019, 2020, 2021 REGULAR ADMITTED BATCHES AND 2019, 2020, 2021, 2022 LATERAL ENTRY ADMITTED BATCHES ONLY ]

**B.TECH - II YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R16) REGULATIONS**  
For R16 – 2016, 2017 REGULAR ADMITTED BATCHES AND 2017, 2018 LATERAL ENTRY ADMITTED BATCHES ONLY ]

**B.TECH - II YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R15, R13) REGULATIONS**  
[For R15-2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R13-2013, 2014 REGULAR ADMITTED BATCHES AND 2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND

**B.TECH - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R18) REGULATIONS**  
[For R18 – 2018, 2019, 2020 REGULAR ADMITTED BATCHES AND 2019, 2020, 2021 LATERAL ENTRY ADMITTED BATCHES ONLY ]

**B.TECH - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R16) REGULATIONS**  
For R16 – 2016, 2017 REGULAR ADMITTED BATCHES AND 2017, 2018 LATERAL ENTRY ADMITTED BATCHES ONLY ]

**B.TECH - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS ( R15, 13) REGULATIONS**  
[For R15-2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R13-2013, 2014 REGULAR ADMITTED BATCHES AND 2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND

The students appearing for the above examinations commencing from **17-04-2023** are informed to note time schedule given below:

EXAM REGISTRATION	START DATE	END DATE
Exam Registration Without Late Fee	06-03-2023	16-03-2023
Exam Registration With Late Fee of Rs.100/-	17-03-2023	24-03-2023
Exam Registration With Late Fee of Rs.1000/-	25-03-2023	03-04-2023
Exam Registration With Late Fee of Rs.2000/-	04-04-2023	10-04-2023
Exam Registration With Late Fee of Rs.5000/-	11-04-2023	15-04-2023
Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.	16-04-2023	Till end of exams

**EXAMINATION FEE FOR II YEAR I SEM (R18) Regular / Supply, (R16, R15, R13) Supply & II Year II SEM (R18, R16, R15, R13) SUPPLY ;**

FOR WHOLE EXAMINATION (ALL SUBJECTS)	Rs.760/-
FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs.360/-
FOR TWO SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.460/-
FOR THREE SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.560/-
FOR FOUR SUBJECTS & ABOVE (THEORY/PRACTICAL/BOTH)	Rs.760/-

**Note:-**

i) The students have to contact the Principal for online registration of Examinations (both Regular & Supply) for the forthcoming University Exams. The exam registrations have to be directly carried out by logging in to University registrations server from the respective colleges.

ii) JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).

iii) For the students applied for RC/RV, if the results are not declared by the time of start of registrations for exams, the students are advised to register as per the time schedule given in this notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the student passes the examination in RC/RV results, the examination fee paid for passed subjects will be refunded by the concerned Principals and the registrations of the student in that subject will be automatically deleted.

iv) Hall tickets are to be issued by the Principal only to the eligible candidates who fulfill the academic requirements of the University. The students are informed to note that mere payment of examination fee does not guarantee eligibility for appearing for examination.

v) Condonation Fee For each Regular Student is Rs.300/-

vi) Following services are available in the student service portal with URL <https://student.services.jntuh.ac.in/oss>

- a) Old semester exam question papers (UG, PG & Pre- PhD)
- b) Syllabus of pervious years
- c) Convocation notification and other services.

Date : 03-03 -2023.

Sd/-  
DIRECTOR OF EVALUATION





NOTIFICATION FOR B.PHARM II YEAR I SEM (R17) REGULAR/SUPPLY, (R16, R15, R13) SUPPLY AND II YEAR II SEM SUPPLY (R17, R16, R15, R13) EXAMINATIONS APRIL - 2023

FOR

**B.PHARM – II YEAR - I SEMESTER REGULAR EXAMINATIONS (R17) REGULATIONS**

*[For R17 –2017, 2018, 2019, 2020, 2021 REGULAR ADMITTED BATCHES AND 2018, 2019, 2020, 2021, 2022 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.PHARM - II YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R16) REGULATIONS**

*[For R16 – 2016 REGULAR ADMITTED BATCHES AND 2017 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.PHARM - II YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R15, R13) REGULATIONS.**

*[For R15 – 2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND For R13-2013, 2014 REGULAR ADMITTED BATCHES AND 2015 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.PHARM - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R17) REGULATIONS**

*[For R17 –2017, 2018, 2019, 2020 REGULAR ADMITTED BATCHES AND 2018, 2019, 2020, 2021 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.PHARM - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R16) REGULATIONS**

*[For R16 – 2016 REGULAR ADMITTED BATCHES AND 2017 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.PHARM - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R15, R13) REGULATIONS.**

*[For R15 – 2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND For R13-2013, 2014 REGULAR ADMITTED BATCHES AND 2015 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

The students appearing for the above examinations commencing from **17-04-2023** are informed to note time schedule given below:

EXAM REGISTRATION	START DATE	END DATE
Exam Registration Without Late Fee	06-03-2023	16-03-2023
Exam Registration With Late Fee of Rs.100/-	17-03-2023	24-03-2023
Exam Registration With Late Fee of Rs.1000/-	25-03-2023	03-04-2023
Exam Registration With Late Fee of Rs.2000/-	04-04-2023	10-04-2023
Exam Registration With Late Fee of Rs.5000/-	11-04-2023	15-04-2023
Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.	16-04-2023	Till end of exams

**EXAMINATION FEE FOR II YEAR I SEM R17 Regular / Supply (R16, R15, R13) Supply & II Year II sem (R17, R16, R15, R13) SUPPLY ;**

FOR WHOLE EXAMINATION (ALL SUBJECTS)	Rs.760/-
FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs.360/-
FOR TWO SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.460/-
FOR THREE SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.560/-
FOR FOUR SUBJECTS & ABOVE (THEORY/PRACTICAL/BOTH)	Rs.760/-

**Note:-**

i) The students have to contact the Principal for online registration of Examinations (both Regular & Supply) for the forthcoming University Exams. The exam registrations have to be directly carried out by logging in to University registrations server from the respective colleges.

ii) JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).

iii) For the students applied for RC/RV, if the results are not declared by the time of start of registrations for exams, the students are advised to register as per the time schedule given in this notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the student passes the examination in RC/RV results, the examination fee paid for passed subjects will be refunded by the concerned Principals and the registrations of the student in that subject will be automatically deleted.

iv) Hall tickets are to be issued by the Principal only to the eligible candidates who fulfill the academic requirements of the University. The students are informed to note that mere payment of examination fee does not guarantee eligibility for appearing for examination.

v) Condonation Fee For each Regular Student is Rs.300/-

vi) Following services are available in the student service portal with URL <https://student.services.jntuh.ac.in/oss>

- a) Old semester exam question papers (UG, PG & Pre- PhD)
- b) Syllabus of pervious years
- c) Convocation notification and other services.

Date : 03-03 -2023.

Sd/-  
DIRECTOR OF EVALUATION



Web : [www.jntuh.ac.in](http://www.jntuh.ac.in)  
E Mail : [dejntuh@jntuh.ac.in](mailto:dejntuh@jntuh.ac.in)  
Phone : Off: +91-40-23156113  
Fax : +91-40-23158668



## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by JNTU Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085 Telangana (India)

ACCREDITED BY NAAC WITH 'A' GRADE

### Dr. K. VENKATESWARA RAO

M.Sc.,M.Tech.,PhD.,PDF(Johns Hopkins Medicine USA).

Professor of Nano Technology &

**DIRECTOR OF UNIVERSITY EXAMINATIONS**

Lr. No .1212 DUEX/JNTUH/M. Tech/M. Pharm. - II Sem Regular/ Supplementary and I Sem & III Sem Supplementary Exams Aug/Sep 2023, Date: 12-07-2023.

To  
The Principals of  
JNTUH Constituent and Affiliated Colleges offering M. Tech. & M. Pharm. Courses

Sir,

Sub : JNTUH, Hyderabad- Examination Branch - M. Tech. /M. Pharm I sem, II sem & III sem –Examinations Aug/Sep- 2023. Notification – Instructions to the Principals–Reg

\*\*\*\*\*

The notification is hereby issued for the II Semester Regular/Supplementary and I & III Semester Supplementary University Examinations of M. Tech. / M. Pharm. courses. You are requested to note the following schedule of events associated with the Regular / Supplementary Examinations of M. Tech. / M. Pharm. courses. These Examinations are scheduled to be held in the month of Aug/Sep-2023.

S.No	Instructions	M. Tech. / M. Pharm.
1	a). Last date for Uploading Last fortnight Attendance for II sem. regular students <b>b).detained and condonation reports will be generated by University.</b>	16-08-2023 (3.PM) 18-08-2023
2	Online Registration will be available from	14-07-2023
3	Last date for Registration without late fee	27-07-2023
4	Last date for Registration with late fee of Rs.100/-	04-08-2023
5	Last date for Registration with late fee of Rs.1000/-	11-08-2023
6	Last date for Registration with late fee of Rs.2000/-	18-08-2023
7	Last date for Registration with late fee of Rs.5000/-	22-08-2023
8	Last date for Registration with late fee of Rs.10000/-* <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023 to Till End of Exams
9	RTGS Transfer of Amount.	19-08-2023
10	Collection of Booklets from ACE - 4 (M. Tech.) & ACE-1 (M. Pharm.)	21-08-2023& 22-08-2023
11	Last date for Intimation of Discrepancies in Booklets	22-08-2023& (Up to 5pm)
12	Collect the correct answer booklets of discrepancy cases	23-08-2023
13	Downloading of Hall Tickets	21-08-2023
14	Last date for Uploading of Internal marks for II Sem. Regular	23-08-2023
15	Last date for Uploading of External Lab Marks	23-08-2023
16	Submission of hard copy of Lab Award Lists / Consolidated Internal Marks	24-08-2023
17	Commencement of End Sem. Examination	24-08-2023

Yours Sincerely

Sd/-

**DIRECTOR OF UNIVERSITY EXAMINATIONS**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana (India)

## EXAMINATION BRANCH

M. Tech. I SEMESTER – (R22/R19) REGULATIONS SUPPLEMENTARY EXAMS AUG/SEP - 2023.  
(R22- 2022 ADMITTED BATCH R19-2019, 2020, 2021 ADMITTED BATCHES ONLY)

### NOTIFICATION

The students who appear for the above examinations commencing from **24-08-2023** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

INSTRUCTION	Start Date	End Date
Without Late Fee	14-07-2023	27-07-2023
With Late Fee of Rs.100 /-	28-07-2023	04-08-2023
With Late Fee of Rs.1000 /-	05-08-2023	11-08-2023
With Late Fee of Rs.2000 /-	12-08-2023	18-08-2023
With Late Fee of Rs.5000 /-	19-08-2023	22-08-2023
With Late Fee of Rs.10000 /- * <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023	Till End of Exams
Online Payment of Exam registration Fee	19-08-2023	19-08-2023
Collection of Pre-Printed Answer Booklets From ACE-4 (M. Tech.),	21-08-2023	22-08-2023
Physical Verification & Intimation of Discrepancies in The Pre-Printed Answer Booklets.	22-08-2023	22-08-2023 (Up to 5pm)
<b>EXAMINATION FEE :</b>		
<b>[A] FOR WHOLE EXAMINATION</b>		<b>Rs.955/-</b>
<b>[B] FOR ONE SUBJECT</b>		<b>Rs.365/-</b>
<b>[C] FOR TWO SUBJECTS</b>		<b>Rs.615/-</b>
<b>[D] FOR THREE SUBJECTS</b>		<b>Rs.840/-</b>
<b>[E] FOR FOUR SUBJECTS AND ABOVE</b>		<b>Rs.955/-</b>

#### Note :

1. The Registrations should be done through JNTUH Exam registration portal urls only.  
<http://registrations.jntuh.ac.in/olrmtech>
2. The Helpline numbers are: 9989980170, 9704033577. Any problems in registration should be sent Email to: [support.registions.jntuh.ac.in](mailto:support.registions.jntuh.ac.in).
3. Hall Tickets will be issued only after receiving the University Exam Registration Fee by Online Mode.
4. The Principals are requested to arrange for the collection of student specific answer booklets, from **ACE- 4 (M. Tech.)**.
5. Ph D Course work subjects Exam registration shall also be done through exam registration portal Only
6. Please visit the student service portal with URL <https://studentservices.jntuh.ac.in/oss> for previous sem. exam question papers and other services.

DATE: 12-07-2023.

Yours Sincerely

Sd/-

**DIRECTOR OF UNIVERSITY EXAMINATIONS**

#### Copy To:

All Affiliated Colleges offering M. Tech. & M. Pharm. Courses through portal,  
C.E., DUEX. Peshi, All A.C.Es. & COMPUTER SECTION.





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana (India)

## EXAMINATION BRANCH

M. Tech. II SEMESTER – R22 REGULATION REGULAR AND R19 REGULATION SUPPLEMENTARY EXAMS – AUG/SEP -2023.  
(R22-2022 ADMITTED BATCH R19-2019, 2020, 2021 ADMITTED BATCHES ONLY)

### NOTIFICATION

The students who appear for the above examinations commencing from **24-08-2023** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

INSTRUCTION	Start Date	End Date
Without Late Fee	14-07-2023	27-07-2023
With Late Fee of Rs.100 /-	28-07-2023	04-08-2023
With Late Fee of Rs.1000 /-	05-08-2023	11-08-2023
With Late Fee of Rs.2000 /-	12-08-2023	18-08-2023
With Late Fee of Rs.5000 /-	19-08-2023	22-08-2023
With Late Fee of Rs.10000 /- * <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023	Till End of Exams
Online Payment of Exam registration Fee	19-08-2023	19-08-2023
Collection of Pre-Printed Answer Booklets From ACE-4 (M. Tech.),	21-08-2023	22-08-2023
Physical Verification & Intimation of Discrepancies in The Pre-Printed Answer Booklets.	22-08-2023	22-08-2023 (Up to 5pm)
<b>EXAMINATION FEE :</b>		
<b>[A] FOR WHOLE EXAMINATION</b>		<b>Rs.955/-</b>
<b>[B] FOR ONE SUBJECT</b>		<b>Rs.365/-</b>
<b>[C] FOR TWO SUBJECTS</b>		<b>Rs.615/-</b>
<b>[D] FOR THREE SUBJECTS</b>		<b>Rs.840/-</b>
<b>[E] FOR FOUR SUBJECTS AND ABOVE</b>		<b>Rs.955/-</b>

#### Note :

- 1 The Registrations should be done through JNTUH Exam registration portal urls only.  
<http://registrations.jntuh.ac.in/olrmtech>
- 2 The Helpline numbers are: 9989980170, 9704033577. Any problems in registration should be sent Email to: [support.registions.jntuh.ac.in](mailto:support.registions.jntuh.ac.in).
- 3 Hall Tickets will be issued only after receiving the University Exam Registration Fee by Online Mode.
- 4 The Condonation fee is **Rs.300/-** per candidate for any number of subjects
- 5 The Principals are requested to arrange for the collection of student specific answer booklets, from **ACE- 4 (M. Tech.)**.
6. Ph D Course work subjects Exam registration shall also be done through exam registration portal only.
7. Please visit the student service portal with URL <https://studentservices.jntuh.ac.in/oss> for previous sem. exam question papers and other services.

DATE: 12-07-2023.

Yours Sincerely

Sd/-

DIRECTOR OF UNIVERSITY EXAMINATIONS

#### Copy To:

All Affiliated Colleges offering M. Tech. & M. Pharm. Courses through portal,  
C.E., DUEX. Peshi, All A.C.Es. & COMPUTER SECTION.



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana (India)

## EXAMINATION BRANCH

M. Tech - III SEMESTER - (R19) REGULATION SUPPLEMENTARY EXAMS – AUG/SEP -2023.  
(R19-2019, 2020, 2021 ADMITTED BATCHES ONLY)

### NOTIFICATION

The students who appear for the above examinations commencing from **24-08-2023** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

INSTRUCTION	Start Date	End Date
Without Late Fee	14-07-2023	27-07-2023
With Late Fee of Rs.100 /-	28-07-2023	04-08-2023
With Late Fee of Rs.1000 /-	05-08-2023	11-08-2023
With Late Fee of Rs.2000 /-	12-08-2023	18-08-2023
With Late Fee of Rs.5000 /-	19-08-2023	22-08-2023
With Late Fee of Rs.10000 /- * <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023	Till End of Exams
Online Payment of Exam registration Fee	19-08-2023	19-08-2023
Collection of Pre-Printed Answer Booklets From ACE-4 (M. Tech.),	21-08-2023	22-08-2023
Physical Verification & Intimation of Discrepancies in The Pre-Printed Answer Booklets.	22-08-2023	22-08-2023 (Up to 5pm)
<b>EXAMINATION FEE :</b>		
<b>[A] FOR WHOLE EXAMINATION</b>		<b>Rs.955/-</b>
<b>[B] FOR ONE SUBJECT</b>		<b>Rs.365/-</b>
<b>[C] FOR TWO SUBJECTS AND ABOVE</b>		<b>Rs.955/-</b>

#### Note :

- 1 The Registrations should be done through JNTUH Exam registration portal urls only.  
<http://registrations.jntuh.ac.in/olrmtech>
- 2 The Helpline numbers are: 9989980170, 9704033577. Any problems in registration should be sent Email to: [support.registions.jntuh.ac.in](mailto:support.registions.jntuh.ac.in).
- 3 Hall Tickets will be issued only after receiving the University Exam Registration Fee by Online Mode.
- 4 The Principals are requested to arrange for the collection of student specific answer booklets, from **ACE- 4 (M. Tech.)**.
- 5 Ph D Course work subjects Exam registration shall also be done through exam registration portal only.
- 6 Please visit the student service portal with URL <https://studentservices.jntuh.ac.in/oss> for previous sem. exam question papers and other services.
- 7 A separate notification has been issued for the upload of softcopy of projects to the University for the plagiarism check on.

DATE : 12-07-2023.

Yours Sincerely

Sd/-

DIRECTOR OF UNIVERSITY EXAMINATIONS

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C.E., DUEX. Peshi, All A.C.Es. & COMPUTER SECTION.







# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana (India)

## EXAMINATION BRANCH

M. Pharm. I SEMESTER – (R22/ R19) REGULATIONS SUPPLEMENTARY EXAMS – AUG/SEP -2023.  
(R22-2022 ADMITTED BATCH R19-2019, 2020, 2021 ADMITTED BATCHES ONLY)

## NOTIFICATION

The students who appear for the above examinations commencing from **24-08-2023** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

INSTRUCTION	Start Date	End Date
Without Late Fee	14-07-2023	27-07-2023
With Late Fee of Rs.100 /-	28-07-2023	04-08-2023
With Late Fee of Rs.1000 /-	05-08-2023	11-08-2023
With Late Fee of Rs.2000 /-	12-08-2023	18-08-2023
With Late Fee of Rs.5000 /-	19-08-2023	22-08-2023
With Late Fee of Rs.10000 /- * <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023	Till End of Exams
Online Payment of Exam registration Fee	19-08-2023	19-08-2023
Collection of Pre-Printed Answer Booklets From ACE-1 (M. Pharm.),	21-08-2023	22-08-2023
Physical Verification & Intimation of Discrepancies in The Pre-Printed Answer Booklets.	22-08-2023	22-08-2023 (Up to 5pm)
<b>EXAMINATION FEE :</b>		
<b>[A] FOR WHOLE EXAMINATION</b>		<b>Rs.955/-</b>
<b>[B] FOR ONE SUBJECT</b>		<b>Rs.365/-</b>
<b>[C] FOR TWO SUBJECTS</b>		<b>Rs.615/-</b>
<b>[D] FOR THREE SUBJECTS</b>		<b>Rs.840/-</b>
<b>[E] FOR FOUR SUBJECTS AND ABOVE</b>		<b>Rs.955/-</b>

### Note :

1. The Registrations should be done through JNTUH Exam registration portals urls only <http://registrations.jntuh.ac.in/olrmpharmacy>
2. The Helpline numbers are:9989980170,9704033577. Any problems in registration should be sent Email to: [support.registions.jntuh.ac.in](mailto:support.registions.jntuh.ac.in).
3. Hall Tickets will be issued only after receiving the University Exam Registration Fee by Online Mode.
4. The Principals are requested to arrange for the collection of student specific answer booklets, from **ACE- 1 (M. Pharmacy)**.
5. Ph D Course work subjects Exam registration shall also be done through exam registration portal only
6. Please visit the student service portal with URL <https://studentservices.jntuh.ac.in/oss> for previous sem. exam question papers and other services.

DATE: 12-07-2023.

Yours Sincerely

Sd/-

DIRECTOR OF UNIVERSITY EXAMINATIONS

### Copy To:

All Affiliated Colleges offering M. Tech. & M. Pharm. Courses through portal,  
C.E., DUEX. Peshi, All A.C.Es. & COMPUTER SECTION.



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana (India)

## EXAMINATION BRANCH

M. Pharm. - II SEMESTER – R22 REGULATION REGULAR AND R19 REGULATION SUPPLEMENTARY EXAMS – AUG/SEP -2023.  
(R22- 2022 ADMITTED BATCH R19-2019, 2020, 2021 ADMITTED BATCHES ONLY)

### NOTIFICATION

The students who appear for the above examinations commencing from **24-08-2023** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

INSTRUCTION	Start Date	End Date
Without Late Fee	14-07-2023	27-07-2023
With Late Fee of Rs.100 /-	28-07-2023	04-08-2023
With Late Fee of Rs.1000 /-	05-08-2023	11-08-2023
With Late Fee of Rs.2000 /-	12-08-2023	18-08-2023
With Late Fee of Rs.5000 /-	19-08-2023	22-08-2023
With Late Fee of Rs.10000 /- * <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023	Till End of Exams
Online Payment of Exam registration Fee	19-08-2023	19-08-2023
Collection of Pre-Printed Answer Booklets From ACE-1 (M. Pharm.),	21-08-2023	22-08-2023
Physical Verification & Intimation of Discrepancies in The Pre-Printed Answer Booklets.	22-08-2023	22-08-2023 (Up to 5pm)

#### EXAMINATION FEE :

[A] FOR WHOLE EXAMINATION	Rs.955/-
[B] FOR ONE SUBJECT	Rs.365/-
[C] FOR TWO SUBJECTS	Rs.615/-
[D] FOR THREE SUBJECTS	Rs.840/-
[E] FOR FOUR SUBJECTS AND ABOVE	Rs.955/-

#### Note :

1. The Registrations should be done through JNTUH Exam registration portal urls only.  
<http://registrations.jntuh.ac.in/olrmpharmacy>
2. The Helpline numbers are: 9989980170, 9704033577. Any problems in registration should be sent Email to: [support.registions.jntuh.ac.in](mailto:support.registions.jntuh.ac.in).
3. The Condonation fee is **Rs.300/-** per candidate for any number of subjects.
4. Hall Tickets will be issued only after receiving the University Exam Registration Fee by Online Mode.
5. The Principals are requested to arrange for the collection of student specific answer booklets, from **ACE- 1 (M. Pharmacy)**.
6. Ph D Course work subjects Exam registration shall also be done through exam registration portal only.
7. Please visit the student service portal with URL <https://studentservices.jntuh.ac.in/oss> for previous sem. exam question papers and other services.

DATE: 12-07-2023.

Yours Sincerely

Sd/-

DIRECTOR OF UNIVERSITY EXAMINATIONS

#### Copy To:

All Affiliated Colleges offering M. Tech. & M. Pharm. Courses through portal,  
C.E., DUEX. Peshi, All A.C.Es. & COMPUTER SECTION.





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana (India)

## EXAMINATION BRANCH

M. Pharm. - III SEMESTER – (R19) REGULATION SUPPLEMENTARY EXAMS – AUG/SEP -2023.  
(R19-2019, 2020, 2021 ADMITTED BATCHES ONLY)

### NOTIFICATION

The students who appear for the above examinations commencing from **24-08-2023** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

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With Late Fee of Rs.10000 /- * <b>This late fee application should be manually submitted along with demand draft.</b>	23-08-2023	Till End of Exams
Online Payment of Exam registration Fee	19-08-2023	19-08-2023
Collection of Pre-Printed Answer Booklets From ACE-1 (M. Pharm.),	21-08-2023	22-08-2023
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<b>[C] FOR TWO SUBJECTS AND ABOVE</b>		<b>Rs.955/-</b>

#### Note :

1. The Registrations should be done through JNTUH Exam registration portal urls only.  
<http://registrations.jntuh.ac.in/olrmparmacy>.
2. The Helpline numbers are: 9989980170, 9704033577. Any problems in registration should be sent Email to: support.registrations@jntuh.ac.in.
3. Hall Tickets will be issued only after receiving the University Exam Registration Fee by Online Mode.
4. The Principals are requested to arrange for the collection of student specific answer booklets, from ACE-1(M. Pharm.)
5. Ph D Course work subjects Exam registration shall also be done through exam registration portal only.
6. Please visit the student service portal with URL <https://studentservices.jntuh.ac.in/oss> for previous sem. exam question papers and other services.
7. A separate notification has been issued for the upload of softcopy of projects to the University for the plagiarism check on.

**DATE : 12-07-2023.**

**Yours Sincerely**

**Sd/-**

**DIRECTOR OF UNIVERSITY EXAMINATIONS**

#### **Copy To :**

All Affiliated Colleges offering M. Tech. & M. Pharm. Courses through portal,  
C.E., DUEX. Peshi, All A.C.Es. & COMPUTER SECTION.



## Important Instructions

1. **JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).**
2. **On the last day of regular series exams one sealed envelope and on the last day of supply series exams the second sealed envelope consisting of used blank booklets Part-1 cut slips should be sent along with last exam answer scripts (through postal van ).**
3. **If any college uses blank answer booklet, unless the student details are furnished, the D-form cannot be generated. Hence all the Principals are informed to keep the cut slips of blank used answer booklets ready before generating the pdf report of D-Form of that session (day) exams.**
4. **If there are any discrepancies like the question is incomplete in the question paper or a question is out of syllabus, all such discrepancies should be submitted to Director of Evaluation within 3 days of that examination. Otherwise such requests will not be entertained.**
5. **Part-1 cut slips of answer booklets are to be torn- off at the host centre for all the used answer scripts. Similar to the counting of used answer booklets, the part-1 cut slips are also to be counted. Both the counts must be matched. If any college neglects to remove Part-1 cut slip of any answer script, the matter will be viewed very seriously and a penalty of Rs 1000/- per each un-cut Part-1 slip will be levied and a memo will be issued.**
6. **Whenever a pre-printed answer booklets is found stitched with two OMRs, following decision is to be taken**

S. No.	Issue	Decision
1	The students of both the OMR sheets are present for the exams	The booklet should be given to the candidate whose particulars are printed on top OMR. The bottom OMR should be torn at perforations, retaining the top OMR
2	If one of the two students are present and the other student is absent	Tear off the OMR sheet of absent student at perforations and issue the booklet to the student who is present

7. **Upload of information about the usage of blank booklets is mandatory. Other-wise it may lead to non-declaration of result. The Part-1 cut-slips of such used blank answer booklets (generally such cut-slips in any college shall be a single digit number) are to be sent in separate pre-printed envelopes which shall be issued to each college along with the stationary.**

8. **Unused blank booklets and booklets of absent students should be retained in the host college only. However the parent colleges are informed to take a copy of the present & absent Statements (D-forms) from the host colleges.**
9. **A service is available for knowing all the backlog subjects of the subjects of the students which are not registered.**
10. **The service to delete the registration will be made available to the college only until the last date of registration, with a fine of Rs 100/- per each deletion.**
11. **Instructions to Chief Superintendents, Instructions to Invigilators and Instructions to Observers which were communicated on 28-08-2018 shall be scrupulously followed.**
12. **Upload the faculty details for each of the registered subject of the regular series using the appropriate menu service, for the purpose of appointing them for spot valuation duty or as Examiners / Resource persons for various confidential works, it is mandatory. If the faculty member is already registered as a valuer, the valuer ID must also be entered. If any faculty member services cannot be extended for spot valuator duty, appropriate service may be used to mention the same.**
13. **The University exam branch shall issue the faculty specific orders for spot valuation duty. In addition another letter to principal of the parent college will be sent informing the faculty members selected for spot valuation duty. The colleges should depute the faculty for spot valuation duty without fail and treat their absence as on-duty. It will be counted as present in University BAS.**
14. **The request for the Challenge Valuation shall only be considered for those who applied for re-valuation in the specific subject.**
15. **Instructions to Chief superintendents, Instructions to Invigilators and Instructions to Observers which were communicated along with this notification shall be scrupulously followed.**
16. **The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.**

  
PRINCIPAL  
MAHVEER  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Banjara Hills, Hyderabad

Web : [www.jntuh.ac.in](http://www.jntuh.ac.in)  
E Mail : [dejntuh@jntuh.ac.in](mailto:dejntuh@jntuh.ac.in)  
Phone : Off: +91-40-23156113  
Fax : +91-40-23158668



## **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

(Established by JNTU Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085 Telangana (India)

ACCREDITED BY NAAC WITH 'A' GRADE

**Dr. K. VENKATESWARA RAO**  
**M.Sc.,M.Tech.,PhD.,PDF(USA).**  
**Professor of Nano Technology &**  
**DIRECTOR OF UNIVERSITY EXAMINATIONS**

**Letter No EB / OLE /1273**

**Date: 24-11-2023**

**To**  
**The Principals**

All the JNTUH Constituent and University colleges (Non-autonomous) offering B. Tech. courses.

**Dear Sir/Madam,**

Sub: JNTUH –DUEX- Examination Branch – Uploading of mini-project viva-voce Regular/supply external examination panel of examiners for the B.Tech IV-I (R18 Regulations) Regular/supply and (R16 Regulations) supply Dec-2023. University Exams on or before 06-12-2023-Intimation-Reg.

-----X-----X-----X-----

All the Principals of the JNTUH Constituent and Affiliated Non-autonomous Colleges offering B. Tech. courses are requested to upload the panel of examiners for the B. Tech. IV-I (R18 Regulations) Regular/supply and (R16 Regulations) supply mini-project viva-voce Regular/Supply external examination Decemehr-2023. University Exams on or before 06-12-2023 by using the [URL:http://registrations1.jntuh.ac.in/ugprojectpanels](http://registrations1.jntuh.ac.in/ugprojectpanels). The service for uploading panels will be available from 28-11-2023.

The approved panel of examiners will be intimated on 08-12-2023 to 16-12-2023. It is also requested to conduct the mini-project viva-voce exams from 18-12-2023 to 23-12-2023.

The award list of mini-project exams should be uploaded on or before 28-12-2023.

The cooperation of the Principals is highly solicited.

Thanking you,

Yours sincerely

**Sd/-**  
**DIRECTOR OF UNIVERSITY EXAMINATIONS**



**DIRECTORATE OF UNIVERSITY EXAMINATIONS**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
(Established by Govt. Act No. 30 of 2008)  
**Kukatpally, Hyderabad – 500085, Telangana (India).**

**Dr. K. VENKATESWARA RAO**

M.Sc.,M.Tech.,PhD.,PDF(Johns Hopkins Medicine USA).

Professor of Nano Technology &

**DIRECTOR**

Lr. No.DUEX-1277/ JNTUH/ B. Tech. I Year I sem (R22) Regular/Supply, I-I (R 18, R16) Supply, I Year (R15, R13) Supply and I Year II sem (R22, R18, R16) Supply Examinations Date: 19-12-2023.

To

The Principals,

All the JNTUH Affiliated and University colleges (Non-autonomous) B. Tech. courses.

Sir /Madam,

Sub: - JNTUH, Hyderabad-Examination Branch- B. Tech. I Year I sem (R22) Regular/Supply I-I (R18, R16) supply, I Year (R15, R13) supply and I Year II sem (R22, R18, R16) supply Examinations Jan/Feb-2024-Instructions to the Principals–Reg.

The Principals of all the JNTUH Affiliated and University colleges (Non-autonomous) are hereby informed that the University Examination Branch issues notification for the conduct of B. Tech I Year I sem (R22) Regular/Supply, I-I (R18, R16) Supply, I Year (R15, R13) Supply and I Year II sem (R22, R18, R16) supply Examinations during Jan/Feb-2024.

This notification is issued for the conduct of following examinations:-

1.	B. Tech. I Year I Sem. (R22) - Regular/ Supplementary Examinations
2.	B. Tech. I Year I Sem (R18, R16) -Supplementary Examinations
3.	B. Tech. I Year ( R15, R13) - Supplementary Examinations
4.	B.Tech. I Year II Sem. (R22, R18, R16) –Supplementary Examinations

The Principals are requested to note the following instructions:-

1. Every college has to make the consolidated fees (Exam. Registration fee + part-1 cut slip penalties + PC fee & OD fee in case of final year/course ) payment for all the above examinations in the form of a single RTGS / NEFT / GRPT Transfer to the Registrar's Bank Account No.62079988622 (State Bank of India, JNTUH Campus Branch, IFSC/RTGS/GRPT Code: SBIN0021008).

2. The Student registration should be done through the specified url address given in the tables

COLLEGE CODES	URL address
7, 8, 24, 25, 26, 27, 28, 32, 37, 60, 64, 65, 68, 84, 86, 87, 91, 92, 95, 1R, 5R, 5X, 6C, 6D, 6E, 6J, 6K, 6L, 6P, 6R, 6T, 6U, 6X, 6Y, 7A, 7G, AN, B7, B9, BD, BR, C2, C3, C4, C5, C6, C8, D9, E3, E6, EK, HD, J0, J1, J4, J9, K4, K7, K8, K9, L5, M6, N0, N6, N9, P8, PP, Q9, QD, QK, QP, QT, R0, R2, R4, R7, RC, RH, RJ, RT, S4, S5, TD, TF, TJ, TK, TM, TR, U3, U5, U8, UC, UD, UE, UK, UM, UN, UU, W0, W7, W9, WH, X6, XY	<a href="http://registrations1.jntuh.ac.in/olrbtech">http://registrations1.jntuh.ac.in/olrbtech</a>
14, 21, 29, 36, 40, 56, 57, 58, 59, 62, 63, 66, 79, 80, 82, 83, 89, 93, 94, 5A, 5C, 5G, 5J, 5Q, 5T, 5Y, 5Z, 6B, 6N, 6W, 7D, 7E, 7N, 7P, 7U, 7W, 8B, AU, B3, B4, B5, BH, C1, C7, D0, D1, D3, D7, DN, E0, E4, E5, E7, FG, G7, J3, J6, J7, K0, L0, M5, M8, N2, N5, QE, QG, QN, QU, RE, RF, RM, RN, RQ, RR, SS, TA, TE, TH, TN, TT, TU, U2, U7, UA, UF, UG, UH, UQ, UT, WJ, WK, WL, X8, XX	<a href="http://registrations2.jntuh.ac.in/olrbtech">http://registrations2.jntuh.ac.in/olrbtech</a>
30, 31, 61, 67, 88, 5D, 5E, 5F, 5U, 5W, 6A, 6F, 6H, 6M, 6Q, 6Z, 7B, 7C, 7F, 7Q, 7T, 7R, 7Y, 7Z, 8A, 8P, 8Q, 8R, 8U, 8W, 8X, 8Y, 9A, 9B, 9C, 9G, 9J, 9K, 9L, 9M, 9P, 9R, AG, AQ, B6, B8, BA, BE, BK, BT, C0, C9, D2, D4, D5, D6, D8, E1, E2, GE, GM, H1, H2, H3, H5, H6, H8, J2, J5, J8, JJ, K3, L7, M1, M2, M3, M4, M9, N1, N3, N4, N7, N8, P0, P6, P7, PQ, PR, PT, PU, Q6, Q8, QA, QC, QF, QH, QJ, QM, QQ, QR, R1, R3, R5, R9, RA, RD, RG, RK, RP, RU, S1, S3, T8, TC, TG, TP, TQ, U0, U1, U6, UJ, UP, UR, VD, VE, VF, VG, W1, W4, W8, X0, X3, X7, RS, XW, XZ	<a href="http://registrations3.jntuh.ac.in/olrbtech">http://registrations3.jntuh.ac.in/olrbtech</a>

2. Different deadlines for Different schedules of events, schedule for booklet collections and other details are mentioned here under.

### STUDENT EXAMINATION REGISTRATION SCHEDULE

<i>EVENT</i>	<i>Start date of registration for both Regular &amp; Supply (at respective colleges)</i>	<i>Last date of registration for both Regular &amp; Supply (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS transfer For both Regular &amp; Supply. Exams fee)</i>
<b>Exam Registration Without Late Fee</b>	<b>21-12-2023</b>	<b>03-01-2024</b>	<b>24-01-2024</b> <b>For I Year I Sem</b> <b>I Year &amp; I Year II Sem</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>04-01-2024</b>	<b>10-01-2024</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>11-01-2024</b>	<b>17-01-2024</b>	
<b>Exam Registration With Late Fee of Rs.2000/-</b>	<b>18-01-2024</b>	<b>23-01-2024</b>	
<b>Exam Registration With Late Fee of Rs.5000/-</b>	<b>24-01-2024</b>	<b>27-01-2024</b>	
<b>Exam Registration With Late Fee of Rs.10000/-</b> <b>* This late fee application should be manually submitted along with demand draft.</b>	<b>28-01-2024</b>	<b>Till end of exams</b>	

Contd.3



**Following activities need to be completed before coming for the collection of exam stationary**

<p>a. Submission of Consolidated fees (Exam. Registration fee + part-I cut slip penalties) transfer receipt.</p> <p>b. Submission of year-wise detained lists and condonation lists</p> <p>c. Hard copy of proposed list of observers (minimum of six members). The soft copy of the list should be mailed to the ACE concerned before the time deadline specified by respective ACEs.</p> <p>d. Submission of clearance certificate wherever necessary.</p>	College wise schedule is given in the table below
Collection of pre-printed Answer booklets and practical OMR answer sheets as mentioned in the table below, by submitting the receipt obtained from the counter to the officer concerned.	<b>25-01-2024 &amp; 27-01-2024</b> <b>Refer the table below</b>
Uploading of Attendance of last fortnight by the college for I-I Regular students.	<b>22-01-2024 (03.00 pm)</b>
<b>Detained and Condonation list will be generated by the University</b>	<b>24-01-2024</b>
DD Report available for Downloading and making payment	<b>24-01-2024</b>
Downloading (through examination portal) and issue of hall-tickets	<b>25-01-2024</b>
Intimation of discrepancies in the pre-printed answer booklets to Examination Branch in person only by college representative	<b>27-01-2024</b>
Collect the correct answer booklets of discrepancy cases	<b>28-01-2024</b>
The last dates for uploading Internal marks	<b>24-01-2024</b>
The last dates for uploading external lab marks	<b>27-01-2024</b>
Submission of consolidated Internal and external lab marks hard copy on or before Addl. Controller of Examinations (Online)	<b>29-01-2024</b>

**ANSWER BOOKLET COLLECTION SCHEDULE**  
**(for All I-I Sem, I Year & I Year II Sem B.Tech)**

S.NO	DATE	COLLEGE CODES	Officer concerned for issue of stationary
1	25-01-2024	7, 8, 24, 25, 26, 27, 28, 32, 37, 60, 64, 65, 68, 84, 86, 87, 91, 92, 95, 1R, 5R, 5X, 6C,6D, 6E, 6J, 6K, 6L, 6P, 6R, 6T, 6U, 6X, 6Y, 7A, 7G, AN, B7, B9, BD, BR, C2, C3, C4,C5, C6, C8, D9, E3, E6, EK, HD, J0, J1, J4, J9, K4, K7, K8, K9, L5, M6, N0, N6, N9,P8, PP, Q9, QD, QK, QP, QT, R0, R2, R4, R7, RC, RH, RJ, RT, S4, S5, TD, TF, TJ, TK,TM, TR, U3, U5, U8, UC, UD, UE, UK, UM, UN, UU, W0, W7, W9,WH, X6, XY, XZ	<b>ACE-2</b> <b>(DR K P Supreethi)</b>
2	25-01-2024	14, 21, 29, 36, 40, 56, 57, 58, 59, 62, 63, 66, 79, 80 ,82, 83, 89, 93, 94, 5A, 5C,5G, 5J, 5Q, 5T, 5Y, 5Z, 6B, 6N, 6W, 7D, 7E, 7N, 7P, 7U, 7W, 8B, AU, B3, B4, B5, BH, C1, C7,D0, D1, D3, D7, DN, E0, E4, E5, E7, FG, G7, J3, J6, J7, K0, L0, M5, M8, N2, N5, QE,QG, QN, QU, RE, RF, RM, RN, RQ, RR,SS, TA,TE, TH, TN, TT, TU, U2, U7, UA, UF,UG,UH,UQ,UT,WJ,WK,WL,X8,RS, XX	<b>ACE-3</b> <b>(DR K Bhasker)</b>
3	27-01-2024	30, 31, 61, 67, 88, 5D, 5E, 5F, 5U, 5W, 6A, 6F,6H, 6M, 6Q, 6Z, 7B, 7C, 7F, 7Q, 7T, 7R, 7Y, 7Z, 8A ,8P, 8Q, 8R, 8U, 8W, 8X, 8Y, 9A, 9B, 9C, 9G, 9J, 9K, 9L, 9M, 9P, 9R, AG, AQ, B6, B8, BA, BE, BK, BT, C0, C9, D2, D4, D5, D6, D8, E1, E2, GE, GM, H1,H2, H3, H5, H6, H8, J2, J5, J8, JJ, K3, L7, M1, M2, M3, M4, M9, N1, N3, N4, N7, N8,P0, P6, P7, PQ, PR, PT, PU, Q6, Q8, QA, QC, QF, QH, QJ, QM, QQ, QR, R1, R3, R5,R9, RA, RD, RG, RK, RP , RU, S1, S3, T8, TC, TG, TP, TQ, U0, U1, U6, UJ, UP, UR,VD, VE, VF, VG, W1, W4, W8, X0, X3, X7, XW	<b>ACE-4</b> <b>(DR K Bhasker)</b>

Contd.4

**Amount to be retained by colleges**

<b>Year &amp; Semester B.Tech</b>	<b>Regular (Rs.)</b>	<b>Supplementary (Irrespective of No. of subjects) (Rs.)</b>
<i>I Year I Sem (R22)</i>	250 – 30* + 10** = 230	125-18*+10**=117
<i>I Year I Sem (R18, R16 )</i>	-----	125-18*+10**=117
<i>I Year (R15, R13)</i>	-----	156-21*+10**=145
<i>I Year II Sem (R22, R18, R16)</i>	-----	125-18*+10**=117

\* Logistic postal service, \*\* Hall Ticket charges \*\*\* **Remuneration for Host center should be calculated as per Lr.DE/JNTUH/EB/Remuneration/Change of center/2012dt.:26-06-12**

\*

I Year I Semester Condonation Fee for each student	Rs 300 /-
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4. The Principals are requested to verify the eligibility of the candidates for registrations of the examinations in respect of whether the candidate has undergone regular study of previous years / semesters and obtained required number of credits for promotion as per existing academic regulations. Only eligible candidates should be allowed to register for University exams. Any deviation will be viewed seriously.
5. In the case of regular students attending class-work, the students have to pay the examination fee for regular exams of I Year I Semester only when the attendance requirement is satisfied by considering presumptive attendance for one week. However, the examination registrations should be completed as per time schedule mentioned in this notification. If any student is detained due to shortage of attendance, but paid the examination fee, arrange to refund the regular examination fee before transfer of consolidated fees to University.
6. **JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).**
7. Upload the faculty details for each of the registered subject of the regular series using the appropriate menu service, for the purpose of appointing them for spot valuation duty or as Examiners / Resource persons for various confidential works, it is mandatory. If the faculty member is already registered as a valuer, the valuer ID must also be entered. If any faculty member services cannot be extended for spot valuator duty, appropriate service may be used to mention the same
8. The University exam branch shall issue the faculty specific orders for spot valuation duty. In addition another letter to principal of the parent college will be sent informing the faculty members selected for spot valuation duty. The colleges should depute the faculty for spot valuation duty without fail and treat their absence as on-duty. It will be counted as present in University BAS.
9. All the Principals are requested to take proper care in uploading and sending the hard copy of Internal Marks for all regular students, who are promoted in that semester irrespective of their registration / non-registration for University examinations.

(Contd.5)

10. The Lab external marks in each lab examination have to be uploaded using the respective registration portals. After the successful upload and freeze, the examiners and the Principal have to put their signature on the print out of the system generated PDF report. These reports are to be sent on the first day of University exams along with the consolidated internal marks hard copy reports .
11. The Principals are hereby informed, by direction, if award lists of the Lab Examinations and hard copy of consolidated internal marks are not received by the University examination branch on or before the scheduled date, absent will be shown in the results and no correction will be entertained later
12. The request for the Challenge Valuation shall only be considered for those who applied for re-valuation in the specific subject.
13. If any student applied for RC/RV and if the results are not declared by the time of start of registrations for exams., the candidates are advised to register as per the time schedule given in the notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the candidate passes the examination in RC/RV results, the Principals are requested to take necessary steps to refund examination fee paid by the students for the subjects in which he/she passed and transfer the consolidated fees excluding the above amount.
14. Do not carry out any correction in the subjects registered after the registration deadline. Even for the candidates who pass in RC/RV, deletion should not be done. All such cases will attract the late fee which is prevailing on that date of correction. The registrations of such students who passed in RC / RV will be deleted by the exam branch before the generation of DD report. If revaluation/ challenge valuation result are declared after the generation of DD report, that amount will be shown as credit and adjusted in the next series of examinations. All the requests for other types of corrections are to be made separately by the Principals on their letterheads to DE.
15. While collecting the stationary of University exams the envelope of all the returned marks memos (due to RC/RV or name correction) should be submitted at the counters
16. Any deletion request after approval of examination registration attracts a fine of Rs.100/- per student per semester.
17. If any subject correction is received after the closure of the registrations, all such corrections will attract a penalty of Rs.100/- per subject, per student. Hence the Principals are requested to thoroughly verify before carrying out the registrations.
18. Upload of information about the usage of blank booklets is mandatory. Other-wise it may lead to non-declaration of result. The Part-1 cut-slips of such used blank answer booklets (generally such cut-slips in any college shall be a single digit number) are to be sent in separate pre-printed envelopes which shall be issued to each college along with the stationary.
19. On the last day of regular series exams one sealed envelope and on the last day of supply series exams the second sealed envelope consisting Part-1 cut slips of used blank booklets should be sent along with last exam answer scripts (through postal van ). On top of the envelope "used blank booklets part- I cut slips" should be written in bold letters.

(Contd.6)

20. If any college uses blank answer booklet, unless the student details are furnished, the D-form cannot be generated. Appropriate changes in the software will be incorporated to ensure this rule. Hence all the Principals are informed to keep the cut slips of blank used answer booklets ready before generating the pdf report of D-Form of that session(day) exams.
21. D-Form for each session should be uploaded within one hour after completion of examination duly incorporating malpractice / court cases. If any college fails to upload the D-Forms, the EDEP question papers of the following day shall not be kept in their respective Principal accounts. Principals are requested to take necessary care during upload of D-form. Any failure in upload due to technical problems must be brought to the notice of ACE (Online) (Mobile No. : 9704033577, 9989980170.)
22. Whenever a pre-printed answer booklet is found stitched with two OMRs, following decision is to be taken

S.No	Issue	Decision
1	The students of both the OMR sheets are present for the exams	The booklet should be given to the candidate whose particulars are printed on top OMR. The bottom OMR should be torn at perforations, retaining the top OMR
2	If one of the two students are present and the other student is absent	Tear off the OMR sheet of absent student at perforations and issue the booklet to the student who is present

23. Answer scripts of the Malpractice cases are to be kept in a separate sealed cover and are to be sent on the same day to ACE (Academic & Legal), Examination Branch, JNTUH, Kukatpally, Hyderabad-500085 and such cases are to be reported as Malpractice Cases in D-form. However the exam answer scripts of the students which belong to 'Court case' category are to be included in the main answer booklets bundles of the same section and addressed to the concerned ACEs. On the sealed envelope of malpractice booklets" malpractice case answer booklets" should be written with Red –Ink Pen.
24. Unused blank booklets and booklets of absent students should be retained in the host college only. However the parent colleges are informed to take a copy of the present & absent statements (D-forms) from the host colleges.
25. The blank answer booklets should not be exchanged among the colleges. The Univ. exam branch maintains the record of range of answer booklets given to each college, if exchange happens anywhere, it will be treated as malpractice and serious action will be taken on both the issued college and used colleges.
26. Notifications for the students are enclosed along with this letter. The Principals are requested to display the same in the students notice board.
27. A service is added for knowing all the backlog subjects of the subjects of the students which are not registered. This service will be enabled only on .... 02-02-2024
28. If there are any discrepancies like the question is incomplete in the question paper or a question is out of syllabus, all such discrepancies should be submitted to Director of Evaluation within 3 days of that examination. Otherwise such requests will not be entertained.

(Contd.7)

29. Part-1 cut slips of answer booklets are to be torn - off at the host centre for all the used answer scripts. Similar to the counting of used answer booklets, the part-1 cut slips are also to be counted. Both the counts must be matched. If any college neglects to remove Part-1 cut slip of any answer script, the matter will be viewed very seriously and a penalty of Rs 1000/- per each un-cut Part-1 slip will be levied and a memo will be issued.
30. Instructions to Chief Superintendents, Instructions to Invigilators and Instructions to Observers shall be scrupulously followed.
31. One observer will be nominated to each host-centre, typically for duration of one week period. On the last day of each spell of observer's duty following needs to be submitted i) the observer diary of all days of the current spell and observer remuneration bill in a sealed cover and ii) part-I cut slips of blank answer booklets are to be submitted to postal – van along with the exam answer booklets of the students.
32. The Registrations should be done through JNTUH Exam Registration Portals only.
33. The helpline number for JNTUH Exam Registration Portals is 9704033577, 9989980170. Any problems in registration should be sent to: support.registrations@jntuh.ac.in
34. The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.
35. Following services are available in the student service portal with URL [https://student services.jntuh.ac.in/oss](https://student.services.jntuh.ac.in/oss)
- Old semester exam question papers (UG, PG & Pre- PhD)
  - ) Syllabus of pervious years
  - Convocation notification and other services.
- The principals are informed to encourage students to visit this portal frequently for student services

**DATE :19-12 -2023**

**Copy To :**

CE, All ACEs , All B.Tech. Affiliated and University colleges (Non-autonomous) (through portal),  
AR (EXAMS), SDC Section, Concerned Seat Clerk

Yours sincerely

Sd/-

**DIRECTOR**





**EXAMINATION BRANCH**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY – HYDERABAD – 500 085

**NOTIFICATION FOR B.TECH. I YEAR I SEM (R22) REGULAR/ SUPPLY, I YEAR I SEM (R18, R16) SUPPLY, I YEAR (R15, R13) SUPPLY I YEAR II SEM (R22, R18, R16) SUPPLY EXAMINATIONS, JAN/FEB-2024**

**FOR**

**B.TECH. - I YEAR I SEMESTER REGULAR/ SUPPLY EXAMINATIONS (R22) REGULATIONS**

*[ For R22–2022, 2023 REGULAR ADMITTED BATCHES ONLY ]*

**B.TECH. - I YEAR I SEMESTER SUPPLY EXAMINATIONS (R18) REGULATIONS**

*[ For R18–2018, 2019, 2020, 2021 REGULAR ADMITTED BATCHES ONLY ]*

**B.TECH. - I YEAR I SEMESTER SUPPLY EXAMINATIONS (R16) REGULATIONS**

*[ For R16 – 2016 , 2017 REGULAR ADMITTED BATCHES ONLY ]*

**B.TECH. I YEAR SUPPLEMENTARY EXAMINATIONS (R15/R13) REGULATIONS**

*[For R15- 2015 REGULAR ADMITTED BATCHES ONLY]*

*[For R13- 2014 REGULAR ADMITTED BATCHES ONLY]*

**B.TECH. - I YEAR II SEMESTER SUPPLY EXAMINATIONS (R22) REGULATIONS**

*[ For R22–2022 REGULAR ADMITTED BATCHES ONLY ]*

**B.TECH. - I YEAR II SEMESTER SUPPLY EXAMINATIONS (R18) REGULATIONS**

*[ For R18–2018, 2019, 2020, 2021 REGULAR ADMITTED BATCHES ONLY ]*

**B.TECH. - I YEAR II SEMESTER SUPPLY EXAMINATIONS (R16) REGULATIONS**

*[ For R16 – 2016 , 2017 REGULAR ADMITTED BATCHES ONLY ]*

The students appearing for the above examinations commencing from **29-01-2024** are informed to note time schedule given below:

EXAM REGISTRATION	START DATE	END DATE
Exam Registration Without Late Fee	21-12-2023	03-01-2024
Exam Registration With Late Fee of Rs.100/-	04-01-2024	10-01-2024
Exam Registration With Late Fee of Rs.1000/-	11-01-2024	17-01-2024
Exam Registration With Late Fee of Rs.2000/-	18-01-2024	23-01-2024
Exam Registration With Late Fee of Rs.5000/-	24-01-2024	27-01-2024
Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.	28-01-2024	Till end of exams

**EXAMINATION FEE FOR I YEAR I SEM (R22) REGULAR/ SUPPLY, (R18, R16 SUPPLY) & I YEAR II SEM (R22, R18, R16) SUPPLY ;**

FOR WHOLE EXAMINATION (ALL SUBJECTS)	Rs.760/-
FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs.360/-
FOR TWO SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.460/-
FOR THREE SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.560/-
FOR FOUR SUBJECTS & ABOVE (THEORY/PRACTICAL/BOTH)	Rs.760/-

**EXAMINATION FEE FOR I YEAR SUPPLY (R15, R13 REGULATIONS):**

FOR WHOLE EXAMINATION (ALL SUBJECTS)	Rs.1010/-
FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs.360/-
FOR TWO SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.460/-
FOR THREE SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.560/-
FOR FOUR SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.660/-
FOR FIVE SUBJECTS & ABOVE (THEORY/PRACTICAL/BOTH)	Rs. 1010/-

**Note:-**

i) The students have to contact the Principal for online registration of Examinations (both Regular & Supply) for the forthcoming University Exams. The exam registrations have to be directly carried out by logging in to University registrations server from the respective colleges.

ii) **JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).**

iii) For the students applied for RC/RV, if the results are not declared by the time of start of registrations for exams, the students are advised to register as per the time schedule given in this notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the student passes the examination in RC/RV results, the examination fee paid for passed subjects will be refunded by the concerned Principals and the registrations of the student in that subject will be automatically deleted.

iv) Hall tickets are to be issued by the Principal only to the eligible candidates who fulfill the academic requirements of the University. The students are informed to note that mere payment of examination fee does not guarantee eligibility for appearing for examination.

v) **Condonation Fee For each Regular Student is Rs.300/-**

vi) **Following services are available in the student service portal with URL <https://student.services.jntuh.ac.in/oss>**

- a) **Old semester exam question papers (UG, PG & Pre- PhD)**
- b) **Syllabus of pervious years**
- c) **Convocation notification and other services.**

**Date : 19-12 -2023.**

Sd/-  
**DIRECTOR**



Web : [www.jntuh.ac.in](http://www.jntuh.ac.in)  
E Mail : [dejntuh@jntuh.ac.in](mailto:dejntuh@jntuh.ac.in)  
Phone : Off: +91-40-23156113  
Fax : +91-40-23158668



## **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

(Established by JNTU Act No. 30 of 2008)  
Kukatpally, Hyderabad – 500 085 Telangana (India)  
ACCREDITED BY NAAC WITH 'A' GRADE

### **Dr. K. VENKATESWARA RAO**

M.Sc.,M.Tech.,PhD.,PDF(USA).

**Professor of Nano Technology &**

**DIRECTOR OF UNIVERSITY EXAMINATIONS**

Lr. No.DUEX-1223 JNTUH/ B. Tech. I Year II sem (R22) Regular, I-II (R 18, R16) Supply, I Year (R15, R13) Supply and I Year I sem (R22, R18, R16) Supply Examinations Date: 31-07-2023.

To  
The Principals,  
JNTUH Constituent and Affiliated Colleges offering B.Tech Courses

Sir /Madam,

Sub: - JNTU, Hyderabad- Directorate of University Examinations - B. Tech. I Year II sem (R22) Regular, I-II (R18, R16) supply, I Year (R15, R13) supply and I Year I sem (R22, R18, R16) supply Examinations September-2023-Instructions to the Principals–Reg.

The Principals of the constituent and affiliated Engineering Colleges are hereby informed that the University Examination Branch issues notification for the conduct of B. Tech I Year II sem (R22) Regular, I-II (R18, R16) Supply, I Year (R15, R13) Supply and I Year I sem (R22, R18, R16) supply Examinations during September-2023.

This notification is issued for the conduct of following examinations:-

1.	B. Tech. I Year II Sem. (R22) - Regular Examinations
2.	B. Tech. I Year II Sem (R18, R16) -Supplementary Examinations
3.	B. Tech. I Year ( R15, R13) - Supplementary Examinations
4.	B.Tech. I Year I Sem. (R22, R18, R16) –Supplementary Examinations

*The Principals are requested to note the following instructions:-*

1. Every college has to make the consolidated fees (Exam. Registration fee + part-1 cut slip penalties + PC fee & OD fee in case of final year/course ) payment for all the above examinations in the form of a single RTGS / NEFT / GRPT Transfer to the Registrar's Bank Account No.62079988622 (State Bank of India, JNTUH Campus Branch, IFSC/RTGS/GRPT Code: SBIN0021008).

Contd.2



2. The Student registration should be done through the specified url address given in the tables

COLLEGE CODES	URL address
7, 8, 24, 25, 26, 27, 28, 32, 37, 60, 64, 65, 68, 84, 86, 87, 91, 92, 95, 1R, 5R, 5X, 6C,6D, 6E, 6J, 6K, 6L, 6P, 6R, 6T, 6U, 6X, 6Y, 7A, 7G, AN, B7, B9, BD, BR, C2, C3, C4,C5, C6, C8, D9, E3, E6, EK, HD, J0, J1, J4, J9, K4, K7, K8, K9, L5, M6, N0, N6, N9,P8, PP, Q9, QD, QK, QP, QT, R0, R2, R4, R7, RC, RH, RJ, RT, S4, S5, TD, TF, TJ, TK, TM, TR, U3, U5, U8, UC, UD, UE, UK, UM, UN, UU, W0, W7, W9,WH, X6.	<a href="http://registrations1.jntuh.ac.in/olrbtech">http://registrations1.jntuh.ac.in/olrbtech</a>
14, 21, 29, 36, 40, 56, 57, 58, 59, 62, 63, 66, 79, 80,82, 83, 89, 93, 94, 5A, 5C,5G, 5J, 5Q, 5T, 5Y, 5Z, 6B, 6N, 6W, 7D, 7E, 7N, 7P, 7U, 7W, 8B, AU, B3, B4, B5, BH, C1, C7,D0, D1, D3, D7, DN, E0, E4, E5, E7, FG, G7, J3, J6, J7, K0, L0, M5, M8, N2, N5, QE,QG, QN, QU, RE, RF, RM, RN, RQ, RR,SS, TA, TE, TH, TN, TT, TU, U2, U7, UA, UF,UG,UH,UQ,UT,WJ,WK,WL, X8	<a href="http://registrations2.jntuh.ac.in/olrbtech">http://registrations2.jntuh.ac.in/olrbtech</a>
30, 31, 61, 67, 88, 5D, 5E, 5F, 5U, 5W, 6A, 6F,6H, 6M, 6Q, 6Z, 7B, 7C, 7F, 7Q, 7T 7R, 7Y, 7Z, 8A ,8P, 8Q, 8R, 8U, 8W, 8X, 8Y, 9A, 9B, 9C, 9G, 9J, 9K, 9L, 9M, 9P, 9R, AG, AQ, B6, B8, BA, BE, BK, BT, C0, C9, D2, D4, D5, D6, D8, E1, E2, GE, GM, H1,H2, H3, H5, H6, H8, J2, J5, J8, JJ, K3, L7, M1, M2, M3, M4, M9, N1, N3, N4, N7, N8,P0, P6, P7, PQ, PR, PT, PU, Q6, Q8, QA, QC, QF, QH, QJ, QM, QQ, QR, R1, R3, R5,R9, RA, RD, RG, RK, RP , RU, S1, S3, T8, TC, TG, TP, TQ, U0, U1, U6, UJ, UP, UR,VD, VE, VF, VG, W1, W4, W8, X0, X3, X7, RS	<a href="http://registrations3.jntuh.ac.in/olrbtech">http://registrations3.jntuh.ac.in/olrbtech</a>

3. Different deadlines for Different schedules of events, schedule for booklet collections and other details are mentioned here under.

### STUDENT EXAMINATION REGISTRATION SCHEDULE

<i>EVENT</i>	<i>Start date of registration for both Regular &amp; Supply (at respective colleges)</i>	<i>Last date of registration for both Regular &amp; Supply (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS transfer For both Regular &amp; Supply.Exams fee)</i>
<b>Exam Registration Without Late Fee</b>	<b>01-08-2023</b>	<b>11-08-2023</b>	<b>29-08-2023</b> <b>For I Year II Sem</b> <b>I Year &amp; I Year I Sem</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>12-08-2023</b>	<b>18-08-2023</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>19-08-2023</b>	<b>23-08-2023</b>	
<b>Exam Registration With Late Fee of Rs.2000/-</b>	<b>24-08-2023</b>	<b>28-08-2023</b>	
<b>Exam Registration With Late Fee of Rs.5000/-</b>	<b>29-08-2023</b>	<b>02-09-2023</b>	
<b>Exam Registration With Late Fee of Rs.10000/-</b> <b>* This late fee application should be manually submitted along with demand draft.</b>	<b>03-09-2023</b>	<b>Till end of exams</b>	

Contd.3

**Following activities need to be completed before coming for the collection of exam stationary**

a. Submission of Consolidated fees (Exam. Registration fee + part-1 cut slip penalties) transfer receipt.	College wise schedule is given in the table below
b. Submission of year-wise detained lists and condonation lists	
c. Hard copy of proposed list of observers (minimum of six members). The soft copy of the list should be mailed to the ACE concerned before the time deadline specified by respective ACEs.	
d. Submission of clearance certificate wherever necessary.	
Collection of pre-printed Answer booklets and practical OMR answer sheets as mentioned in the table below, by submitting the receipt obtained from the counter to the officer concerned.	<b>30-08-2023 &amp; 31-08-2023</b> <b>Refer the table below</b>
Uploading of Attendance of last fortnight by the college for I-II Regular students.	<b>26-08-2023 (03.00 pm)</b>
<b>Detained and Condonation list will be generated by the University</b>	<b>28-08-2023</b>
DD Report available for Downloading and making payment	<b>29-08-2023</b>
Downloading (through examination portal) and issue of hall-tickets	<b>30-08-2023</b>
Intimation of discrepancies in the pre-printed answer booklets to Examination Branch in person only by college representative	<b>01-09-2023</b>
Collect the correct answer booklets of discrepancy cases	<b>02-09-2023</b>
The last dates for uploading Internal marks	<b>02-09-2023</b>
The last dates for uploading external lab marks	<b>02-09-2023</b>
Submission of consolidated Internal and external lab marks hard copy on or before Addl. Controller of Examinations (Online)	<b>04-09-2023</b>

**ANSWER BOOKLET COLLECTION SCHEDULE**  
**(for All I-II Sem, I Year & I Year I Sem B.Tech)**

S.NO	DATE	COLLEGE CODES	Officer concerned for issue of stationary
1	30-08-2023	7, 8, 24, 25, 26, 27, 28, 32, 37, 60, 64, 65, 68, 84, 86, 87, 91, 92, 95, 1R, 5R, 5X, 6C,6D, 6E, 6J, 6K, 6L, 6P, 6R, 6T, 6U, 6X, 6Y, 7A, 7G, AN, B7, B9, BD, BR, C2, C3, C4,C5, C6, C8, D9, E3, E6, EK, HD, J0, J1, J4, J9, K4, K7, K8, K9, L5, M6, N0, N6, N9,P8, PP, Q9, QD, QK, QP, QT, R0, R2, R4, R7, RC, RH, RJ, RT, S4, S5, TD, TF, TJ, TK,TM, TR, U3, U5, U8, UC, UD, UE, UK, UM, UN, UU, W0, W7, W9,WH, X6	<b>ACE-2</b> <b>(DR K P Supreethi)</b>
2	31-08-2023	14, 21, 29, 36, 40, 56, 57, 58, 59, 62, 63, 66, 79, 80 ,82, 83, 89, 93, 94, 5A, 5C,5G, 5J, 5Q, 5T, 5Y, 5Z, 6B, 6N, 6W, 7D, 7E, 7N, 7P, 7U, 7W, 8B, AU, B3, B4, B5, BH, C1, C7,D0, D1, D3, D7, DN, E0, E4, E5, E7, FG, G7, J3, J6, J7, K0, L0, M5, M8, N2, N5, QE,QG, QN, QU, RE, RF, RM, RN, RQ, RR,SS, TA,TE, TH, TN, TT, TU, U2, U7, UA, UF,UG,UH,UQ,UT,WJ,WK,WL,X8,RS	<b>ACE-3</b> <b>(Dr M Shailaja)</b>
3	31-08-2023	30, 31, 61, 67, 88, 5D, 5E, 5F, 5U, 5W, 6A, 6F,6H, 6M, 6Q, 6Z, 7B, 7C, 7F, 7Q, 7T ,7R, 7Y, 7Z, 8A ,8P, 8Q, 8R, 8U, 8W, 8X, 8Y, 9A, 9B, 9C, 9G, 9J, 9K, 9L, 9M, 9P, 9R, AG, AQ, B6, B8, BA, BE, BK, BT, C0, C9, D2, D4, D5, D6, D8, E1, E2, GE, GM, H1,H2, H3, H5, H6, H8, J2, J5, J8, JJ, K3, L7, M1, M2, M3, M4, M9, N1, N3, N4, N7, N8,P0, P6, P7, PQ, PR, PT, PU, Q6, Q8, QA, QC, QF, QH, QJ, QM, QQ, QR, R1, R3, R5,R9, RA, RD, RG, RK, RP , RU, S1, S3, T8, TC, TG, TP, TQ, U0, U1, U6, UJ, UP, UR,VD, VE, VF, VG, W1, W4, W8, X0, X3, X7	<b>ACE-4</b> <b>(Dr M Shailaja)</b>

Contd.4

**Amount to be retained by colleges**

<b>Year &amp; Semester B.Tech</b>	<b>Regular (Rs.)</b>	<b>Supplementary (Irrespective of No. of subjects) (Rs.)</b>
<i>I Year II Sem (R22)</i>	250 – 30* + 10** = 230	-----
<i>I Year II Sem (R18, R16 )</i>	-----	125-18*+10**=117
<i>I Year (R15, R13)</i>	-----	156-21*+10**=145
<i>I Year I Sem (R18, R16)</i>	-----	125-18*+10**=117

\* Logistic postal service, \*\* Hall Ticket charges \*\*\* **Remuneration for Host center should be calculated as per Lr.DE/JNTUH/EB/Remuneration/Change of center/2012dt.:26-06-12**

I Year II Semester Condonation Fee for each student	Rs 300 /-
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4. The Principals are requested to verify the eligibility of the candidates for registrations of the examinations in respect of whether the candidate has undergone regular study of previous years / semesters and obtained required number of credits for promotion as per existing academic regulations. Only eligible candidates should be allowed to register for University exams. Any deviation will be viewed seriously.
5. In the case of regular students attending class-work, the students have to pay the examination fee for regular exams of I Year II Semester only when the attendance requirement is satisfied by considering presumptive attendance for one week. However, the examination registrations should be completed as per time schedule mentioned in this notification. If any student is detained due to shortage of attendance, but paid the examination fee, arrange to refund the regular examination fee before transfer of consolidated fees to University.
6. **JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).**
7. Upload the faculty details for each of the registered subject of the regular series using the appropriate menu service, for the purpose of appointing them for spot valuation duty or as Examiners / Resource persons for various confidential works, it is mandatory. If the faculty member is already registered as a valuer, the valuer ID must also be entered. If any faculty member services cannot be extended for spot valuator duty, appropriate service may be used to mention the same
8. The University exam branch shall issue the faculty specific orders for spot valuation duty. In addition another letter to principal of the parent college will be sent informing the faculty members selected for spot valuation duty. The colleges should depute the faculty for spot valuation duty without fail and treat their absence as on-duty. It will be counted as present in University BAS.
9. All the Principals are requested to take proper care in uploading and sending the hard copy of Internal Marks for all regular students, who are promoted in that semester irrespective of their registration / non-registration for University examinations.

(Contd.5)

10. The Lab external marks in each lab examination have to be uploaded using the respective registration portals. After the successful upload and freeze, the examiners and the Principal have to put their signature on the print out of the system generated PDF report. These reports are to be sent on the first day of University exams along with the consolidated internal marks hard copy reports .
11. The Principals are hereby informed, by direction, if award lists of the Lab Examinations and hard copy of consolidated internal marks are not received by the University examination branch on or before the scheduled date, absent will be shown in the results and no correction will be entertained later
12. The request for the Challenge Valuation shall only be considered for those who applied for re-valuation in the specific subject.
13. If any student applied for RC/RV and if the results are not declared by the time of start of registrations for exams., the candidates are advised to register as per the time schedule given in the notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the candidate passes the examination in RC/RV results, the Principals are requested to take necessary steps to refund examination fee paid by the students for the subjects in which he/she passed and transfer the consolidated fees excluding the above amount.
14. Do not carry out any correction in the subjects registered after the registration deadline. Even for the candidates who pass in RC/RV, deletion should not be done. All such cases will attract the late fee which is prevailing on that date of correction. The registrations of such students who passed in RC / RV will be deleted by the exam branch before the generation of DD report. If revaluation/ challenge valuation result are declared after the generation of DD report, that amount will be shown as credit and adjusted in the next series of examinations. All the requests for other types of corrections are to be made separately by the Principals on their letterheads to DE.
15. While collecting the stationary of University exams the envelope of all the returned marks memos (due to RC/RV or name correction) should be submitted at the counters
16. Any deletion request after approval of examination registration attracts a fine of Rs.100/- per student per semester.
17. If any subject correction is received after the closure of the registrations, all such corrections will attract a penalty of Rs.100/- per subject, per student. Hence the Principals are requested to thoroughly verify before carrying out the registrations.
18. Upload of information about the usage of blank booklets is mandatory. Other-wise it may lead to non-declaration of result. The Part-1 cut-slips of such used blank answer booklets (generally such cut-slips in any college shall be a single digit number) are to be sent in separate pre-printed envelopes which shall be issued to each college along with the stationary.
19. On the last day of regular series exams one sealed envelope and on the last day of supply series exams the second sealed envelope consisting Part-1 cut slips of used blank booklets should be sent along with last exam answer scripts (through postal van ). On top of the envelope "used blank booklets part- I cut slips" should be written in bold letters.

(Contd.6)

20. If any college uses blank answer booklet, unless the student details are furnished, the D-form cannot be generated. Appropriate changes in the software will be incorporated to ensure this rule. Hence all the Principals are informed to keep the cut slips of blank used answer booklets ready before generating the pdf report of D-Form of that session(day) exams.
21. D-Form for each session should be uploaded within one hour after completion of examination duly incorporating malpractice / court cases. If any college fails to upload the D-Forms, the EDEP question papers of the following day shall not be kept in their respective Principal accounts. Principals are requested to take necessary care during upload of D-form. Any failure in upload due to technical problems must be brought to the notice of ACE (Online) (Mobile No. : 9704033577, 9989980170.)
22. Whenever a pre-printed answer booklet is found stitched with two OMRs, following decision is to be taken

S.No	Issue	Decision
1	The students of both the OMR sheets are present for the exams	The booklet should be given to the candidate whose particulars are printed on top OMR. The bottom OMR should be torn at perforations, retaining the top OMR
2	If one of the two students are present and the other student is absent	Tear off the OMR sheet of absent student at perforations and issue the booklet to the student who is present

23. Answer scripts of the Malpractice cases are to be kept in a separate sealed cover and are to be sent on the same day to Dr P Prasanna ACE (Academic & Legal), Examination Branch, JNTUH, Kukatpally, Hyderabad-500085 and such cases are to be reported as Malpractice Cases in D-form. However the exam answer scripts of the students which belong to 'Court case' category are to be included in the main answer booklets bundles of the same section and addressed to the concerned ACEs. On the sealed envelope of malpractice booklets" malpractice case answer booklets" should be written with Red –Ink Pen.
24. Unused blank booklets and booklets of absent students should be retained in the host college only. However the parent colleges are informed to take a copy of the present & absent statements (D-forms) from the host colleges.
25. The blank answer booklets should not be exchanged among the colleges. The Univ. exam branch maintains the record of range of answer booklets given to each college, if exchange happens anywhere, it will be treated as malpractice and serious action will be taken on both the issued college and used colleges.
26. Notifications for the students are enclosed along with this letter. The Principals are requested to display the same in the students notice board.
27. A service is added for knowing all the backlog subjects of the subjects of the students which are not registered. This service will be enabled only on .... 09-08-2023
28. If there are any discrepancies like the question is incomplete in the question paper or a question is out of syllabus, all such discrepancies should be submitted to Director of Evaluation within 3 days of that examination. Otherwise such requests will not be entertained.

(Contd.7)

29. Part-1 cut slips of answer booklets are to be torn - off at the host centre for all the used answer scripts. Similar to the counting of used answer booklets, the part-1 cut slips are also to be counted. Both the counts must be matched. If any college neglects to remove Part-1 cut slip of any answer script, the matter will be viewed very seriously and a penalty of Rs 1000/- per each un-cut Part-1 slip will be levied and a memo will be issued.
30. Instructions to Chief Superintendents, Instructions to Invigilators and Instructions to Observers shall be scrupulously followed.
31. One observer will be nominated to each host-centre, typically for duration of one week period. On the last day of each spell of observer's duty following needs to be submitted i) the observer diary of all days of the current spell and observer remuneration bill in a sealed cover and ii) part-I cut slips of blank answer booklets are to be submitted to postal – van along with the exam answer booklets of the students.
32. The Registrations should be done through JNTUH Exam Registration Portals only.
33. The helpline number for JNTUH Exam Registration Portals is 9704033577, 9989980170. Any problems in registration should be sent to: support.registrations@jntuh.ac.in
34. The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.
35. Following services are available in the student service portal with URL [https://student services.jntuh.ac.in/oss](https://student.services.jntuh.ac.in/oss)
- Old semester exam question papers (UG, PG & Pre- PhD)
  - ) Syllabus of pervious years
  - Convocation notification and other services.
- The principals are informed to encourage students to visit this portal frequently for student services

**DATE :31-07 -2023**

**Copy To :**

CE, All ACEs , All B.Tech. Constituent and Affiliated Colleges (through portal),  
AR (EXAMS), SDC Section, Concerned Seat Clerk

Yours sincerely

Sd/-

**DIRECTOR OF UNIVERSITY EXAMINATIONS**





## EXAMINATION BRANCH

### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY – HYDERABAD – 500 085

**NOTIFICATION FOR B.TECH. I YEAR II SEM (R22) REGULAR, I YEAR II SEM (R18, R16) Supply, I YEAR (R15, R13) SUPPLY I YEAR I SEM (R22, R18, R16) SUPPLY EXAMINATIONS, SEPTEMBER-2023**

#### FOR

**B.TECH. - I YEAR II SEMESTER REGULAR EXAMINATIONS (R22) REGULATIONS**

[ For R22–2022 REGULAR ADMITTED BATCHES ONLY ]

**B.TECH. - I YEAR II SEMESTER SUPPLY EXAMINATIONS (R18) REGULATIONS**

[ For R18–2018, 2019, 2020, 2021 REGULAR ADMITTED BATCHES ONLY ]

**B.TECH. - I YEAR II SEMESTER SUPPLY EXAMINATIONS (R16) REGULATIONS**

[ For R16 – 2016 , 2017 REGULAR ADMITTED BATCHES ONLY ]

**B.TECH. I YEAR SUPPLEMENTARY EXAMINATIONS (R15/R13) REGULATIONS**

[For R15- 2015 REGULAR ADMITTED BATCHES ONLY]

[For R13- 2013 AND 2014 REGULAR ADMITTED BATCHES ONLY]

**B.TECH.- I YEAR I SEMESTER SUPPLY EXAMINATIONS (R22) REGULATIONS**

[ For R22–2022 REGULAR ADMITTED BATCHES ONLY ]

**B.TECH. - I YEAR I SEMESTER SUPPLY EXAMINATIONS (R18) REGULATIONS**

[ For R18–2018, 2019, 2020, 2021 REGULAR ADMITTED BATCHES ONLY ]

**B.TECH. - I YEAR I SEMESTER SUPPLY EXAMINATIONS (R16) REGULATIONS**

[ For R16 – 2016 , 2017 REGULAR ADMITTED BATCHES ONLY ]

The students appearing for the above examinations commencing from **04-09-2023** are informed to note time schedule given below:

EXAM REGISTRATION	START DATE	END DATE
Exam Registration Without Late Fee	01-08-2023	11-08-2023
Exam Registration With Late Fee of Rs.100/-	12-08-2023	18-08-2023
Exam Registration With Late Fee of Rs.1000/-	19-08-2023	23-08-2023
Exam Registration With Late Fee of Rs.2000/-	24-08-2023	28-08-2023
Exam Registration With Late Fee of Rs.5000/-	29-08-2023	02-09-2023
Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.	03-09-2023	Till end of exams

**EXAMINATION FEE FOR I YEAR II SEM (R22) REGULAR, (R18, R16 SUPPLY) & I YEAR I SEM ((R22, R18, R16) SUPPLY ;**

FOR WHOLE EXAMINATION (ALL SUBJECTS)	Rs.760/-
FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs.360/-
FOR TWO SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.460/-
FOR THREE SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.560/-
FOR FOUR SUBJECTS & ABOVE (THEORY/PRACTICAL/BOTH)	Rs.760/-

**EXAMINATION FEE FOR I YEAR SUPPLY (R15, R13 REGULATIONS):**

FOR WHOLE EXAMINATION (ALL SUBJECTS)	Rs.1010/-
FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs.360/-
FOR TWO SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.460/-
FOR THREE SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.560/-
FOR FOUR SUBJECTS (THEORY/PRACTICAL/BOTH)	Rs.660/-
FOR FIVE SUBJECTS & ABOVE (THEORY/PRACTICAL/BOTH)	Rs. 1010/-

**Note:-**

i) The students have to contact the Principal for online registration of Examinations (both Regular & Supply) for the forthcoming University Exams. The exam registrations have to be directly carried out by logging in to University registrations server from the respective colleges.

ii) **JNTUH through Proceeding No. JNTUH/EB/11148/2/2018 Dated.20-01-2018 have extended certain benefits to Physically Handicapped students (deaf, dumb, hearing impaired, orthopedically handicapped and visually handicapped) such as exemption from payment of examination fee and pass marks. The principals may submit the certificate of permanent disability in the year of admissions and it holds good for entire duration of the course. The colleges need not submit proof of disability for every series of exams (Only in case of permanent disability).**

iii) For the students applied for RC/RV, if the results are not declared by the time of start of registrations for exams, the students are advised to register as per the time schedule given in this notification even for the subjects in which they have failed and waiting for RC/RV results. However, if the student passes the examination in RC/RV results, the examination fee paid for passed subjects will be refunded by the concerned Principals and the registrations of the student in that subject will be automatically deleted.

iv) Hall tickets are to be issued by the Principal only to the eligible candidates who fulfill the academic requirements of the University. The students are informed to note that mere payment of examination fee does not guarantee eligibility for appearing for examination.

v) **Condonation Fee For each Regular Student is Rs.300/-**

vi) **Following services are available in the student service portal with URL <https://student.services.jntuh.ac.in/oss>**

- a) Old semester exam question papers (UG, PG & Pre- PhD)**
- b) Syllabus of pervious years**
- c) Convocation notification and other services.**

**Date :31-07 -2023.**

Sd/-

**DIRECTOR OF UNIVERSITY EXAMINATIONS**







# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

PROCEEDINGS OF THE DIRECTOR OF UNIVERSITY EXAMINATIONS

Procs.No.JNTUH/EB/B.Tech/VV/2023, Dt:18.12.2023

Sub: JNTUH - Examinaton Branch-Appointment of External Examiner for conduct of B.Tech Project Viva-Voce Exam -Orders-Issued.

## ORDER

The Principal, Mahaveer Institute of Science & Technology, has sent the panel of external examiners for conducting mini-project viva-voce examination for B.Tech. IV - I (R18 Regulation) Regular/supply and (R16 Regulation) mini-project viva-voce supply students. They have requested the University to issue necessary orders for appointing the external examiners. The following is the list of examiners appointed to conduct the above mentioned project viva-voce examinations.

Name Of The Course	Approved External Examiner
B.Tech(CE) Panel_Id : E3_A_01_1_206	Dr. S. Vidyavathi Professor CIVIL ENGINEERING JNTUHCEH vidyasom@yahoo.co.in 9392493533
B.Tech(EEE) Panel_Id : E3_A_02_1_206	Sri P. Venkata Narayana Associate Professor EEE JNTUHCEH pvenkatanarayana@jntuh.ac.in 9494235794
B.Tech(ME) Panel_Id : E3_A_03_1_206	Sri A. Balaram Naik Associate Professor MECHANICAL JNTUHCE JAGTIAL ballujntuh@gmail.com 9052875020
B.Tech(ECE) Panel_Id : E3_A_04_1_206	Dr. P. Chandrasekhar Reddy Professor, BoS Chairman & Academic Coordinator ECE JNTUHCEH drpcsreddy@gmail.com 9490931650
B.Tech(CSE) (SECTION : 1) Panel_Id : E3_A_05_1_206	Dr.K Shahu Chatrapati Professor CSE JNTUH shahujntu@jntuh.ac.in 9866301501

B.Tech(CSE) (SECTION : 2) Panel_Id : E3_A_05_2_206	Dr. M. Nagaratna Professor&Warden-PG Girls Hostel CSE JNTUHCEH mratnajntu@gmail.com 9948688672
B.Tech(IT) Panel_Id : E3_A_12_1_206	Dr. G. Venkata Rami Reddy Professor IT SCHOOL OF INFORMATION TECHNOLOGY gvr_reddi@jntuh.ac.in 9849466982
B.Tech(AE) Panel_Id : E3_A_21_1_206	Dr. P. Prasanna Assistant Professor & Hostel Warden- Kinnera Hostel Mechanical JNTUHCEH prajntu@gmail.com 9885178361
B.Tech(CSE(AI&ML)) Panel_Id : E3_A_66_1_206	Dr. J. Ujwala Rekha Associate Professor CSE JNTUHCEH ujwala_rekha@yahoo.com 9849116040

The Principal is requested to arrange for conduct of Project viva-voce examination before the due date mentioned in the notification and upload the project viva-voce awarded marks to the JNTUH University Examination Registrations Portal on the same day. Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DUEX/JNTUH.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology

*K. Venkateswara Rao*  
DIRECTOR OF UNIVERSITY EXAMINATIONS

*[Signature]*  
PRINCIPAL  
MAHAVEER  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Bansilipada, Hyderabad-502 009



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/M.Tech\_January\_2022/VV/2022, Dt:25.3.2022

Sub: JNTUH - Examinaton Branch-Appointment of External Examiner for conduct of Project Viva-Voce -Orders-Issued.

### ORDER

The Principal, Mahaveer Institute, has sent the panel of external examiners for conducting project viva-voce examination in respect of M.Tech Course students has requested the university to issue necessary orders appointing the external examiners. The following is the list of examiners appointed to conduct Project Viva-Voce Examination.

Name Of The Course & Panel_Id	Hall Ticket No's	External Examiner Appointed
M.Tech(33) Panel_Id : E3_D_1_124	19E31D3304 19E31D3310 19E31D3312	Dr. J. Suresh Kumar Professor and Dy. Director, JNTUH -- 9848349839
M.Tech(33) Panel_Id : E3_D_3_124	19E31D3305 19E31D3306	Dr. K.Chandra Shekar Professor Vignan Institute of Technology & science, Dheshmuki  kcschandra2003@gmail.com 9849505037
M.Tech(64) Panel_Id : E3_D_2_124	16E31D6403	T.Ramasubba Reddy Professor, Vignan Institute of science and Technology, Hyderabad trsr72@gmail.com 9618955066

The Principal is requested to arrange for conduct of viva-voce examination on or before 08/04/2022 in OFFLINE MODE, otherwise they have to resubmit the panel. Upload the project viva-MARKS to the JNTUH portal using URL: <http://registrations1.jntuh.ac.in/pgprojectthesis> and get it approved entered marks by your assigned examiner from their login.

TO  
THE PRINCIPAL  
Mahaveer Institute

  
DIRECTOR OF EVALUATION

  
PRINCIPAL  
MAHAVEER  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Banjara Hills, Hyd-500 008

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

## III YEAR B.TECH –I SEMESTER – R18 REGULATION I - MID TERM EXAMINATIONS DECEMBER-2023

### T I M E T A B L E

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)

AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	DATE, SESSION AND DAY					
	13-12-2023 FN WEDNESDAY	13-12-2023 AN WEDNESDAY	14-12-2023 FN THURSDAY	14-12-2023 AN THURSDAY	15-12-2023 FN FRIDAY	15-12-2023 AN FRIDAY
<b>CIVIL ENGINEERING (01-C E)</b>	Structural Analysis-II	Geotechnical Engineering	Structural Engineering-I	Transportation Engineering	Concrete Technology	Engineering Economics and Accountancy Machinery
					Theory of Elasticity	
					Rock Mechanics	
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)</b>	Power Electronics	Power System-II	Measurements and Instrumentation	Business Economics and Financial Analysis	Computer Architecture	---
					High Voltage Engineering	
					Electrical Machine Design	
<b>MECHANICAL ENGINEERING (03- ME)</b>	Dynamics of Machinery	Design of Machine Members-I	Metrology & Machine Tools	Business Economics & Financial Analysis	Thermal Engineering-II	Operations Research

DATE: 06-12-2023



Sd/-

**CONTROLLER OF EXAMINATION**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**III YEAR B.TECH –I SEMESTER – R18 REGULATION I MID TERM EXAMINATIONS DECEMBER-2023**

## T I M E T A B L E

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)

AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	DATE, SESSION AND DAY					
	13-12-2023 FN WEDNESDAY	13-12-2023 AN WEDNESDAY	14-12-2023 FN THURSDAY	14-12-2023 AN THURSDAY	15-12-2023 FN FRIDAY	15-12-2023 AN FRIDAY
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04- ECE)</b>	Microprocessor & Microcontrollers	Data Communications and Networks	Control Systems	Business Economics & Financial Analysis	Error Correcting Codes	----
					Electronic Measurements and Instrumentation	
					Computer Organization & Operating Systems	
<b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>	Formal Languages & Automata Theory	Software Engineering	Computer Networks	Web Technologies	Information Theory & Coding	Computer Graphics Common to (CSE, IT )
					Advanced Computer Architecture Common to (CSE, IT )	Advanced Operating Systems Common to (CSE, IT )
					Data Analytics Common to (CSE, IT )	Informational Retrieval Systems
					Image Processing Common to (CSE, IT )	Distributed Databases
					Principles of Programming Languages Common to (CSE, IT )	Natural Language Processing
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING ( 10-EIE)</b>	Microprocessor & Microcontrollers	Process Dynamics and Control	Control Systems	Business Economics & Financial Analysis	Instrumentation Practices in Industries	---
					Operating Systems	
					Robotics and Automation	

DATE: 06-12-2023

Sd/-

CONTROLLER OF EXAMINATION

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**III YEAR B.TECH –I SEMESTER – R18 REGULATION I MID TERM EXAMINATIONS DECEMBER-2023**

T I M E T A B L E

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)

AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	DATE, SESSION AND DAY					
	13-12-2023 FN WEDNESDAY	13-12-2023 AN WEDNESDAY	14-12-2023 FN THURSDAY	14-12-2023 AN THURSDAY	15-12-2023 FN FRIDAY	15-12-2023 AN FRIDAY
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Formal Languages & Automata Theory	Software Engineering	Data Communication & Computer Networks	Web Programming	Biometrics	Database Security
					Advanced Computer Architecture Common to (CSE, IT)	Advanced Operating Systems Common to (CSE, IT)
					Data Analytics Common to (CSE, IT)	Machine Learning
					Image Processing Common to (CSE, IT)	Pattern Recognition
					Principles of Programming Languages Common to (CSE, IT)	Computer Graphics Common to (CSE, IT)
<b>MECHANICAL ENGINEERING (MECHATRONICS) (14-MECT)</b>	Dynamics of Machinery	CAD/CAM	Mechanical Measurements & Control Systems	Business Economics & Financial Analysis	Manufacturing Process & Machine Tools	Principles of Machine Design
<b>METALLURGY AND MATERIAL ENGINEERING (18-MMT)</b>	Non-Ferrous Extractive Metallurgy	Environmental Degradation of Materials	Mechanical Working of Metals	--	Powder Metallurgy	Engineering Economics and Accountancy
					Nuclear Materials	
					Fatigue and Fracture Mechanics	

DATE: 06-12-2023

  
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 Bandlaguda, Hyd-500 085

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# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

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<b>ELECTRONICS AND COMPUTER ENGINEERING ECM-(19)</b>	Microprocessors & Microcontrollers	Software Engineering	Formal Languages & Automata Theory	Data Communications and Networks	Data Analytics	-----
					Java Programming	
					Information Theory & Coding	
<b>AERONUTICAL ENGINEERING (21- AE)</b>	Aircraft Propulsion	High Speed Aerodynamics	Finite Element Methods	Business Economics and Financial Analysis	Aircraft Systems and Controls	Aircraft Performance and Stability
<b>MINING ENGG. (25-MNE)</b>	Introduction to Industrial Engineering	Mine Environmental Engineering -II	Mine Mechanization-II	Surface Mining Technology	Environmental Management in Mines	
					Tunneling Engineering	
					Mining of Deep-Seated	
<b>PETROLIUM ENGG. (27- PTME)</b>	Instrumentation and Process Control	Drilling Technology	Thermodynamics for Petroleum Engineers	Fundamentals of Management for Engineers	Well Logging & Formation Evaluation	Health, Safety & Environment in Petroleum Industry
<b>COMPUTER SCIENCE AND BUSINESS SYSTEMS (32-CSBS)</b>	Financial Management	Data Science	Computer Networks	Web Technologies	Business Communications and Ethics	Behavioural Economics
					Data Warehousing and Data Mining	Enterprise Resource Planning
					Distributed Systems	Financial Modeling
					E-Commerce	Business Intelligence
					Design Patterns	Cloud Computing

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COMPUTER SCIENCE INFORMATION TECHNOLOGY CSIT(33)	Design and Analysis of Algorithms	Data Science	Data Communication & Computer Networks	Web Programming	Data Warehousing and Data	Computer Graphics
					Software Testing	Artificial Intelligence
					Distributed Systems	Distributed Databases
					E-Commerce	Software Project Management
INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)	Formal Languages & Automata Theory	Software Engineering	Computer Networks	Scripting Languages	R-Programming	Quantum Computing
					Data Science	Distributed Databases
					Soft Computing	Artificial Intelligence
					Biometrics	Database Security
COMPUTER ENGINEERING (SOFTWARE ENGINEERING) (56-CE(SE))	Design and Analysis of Algorithms	Database Management Systems	Computer Networks	Software Requirements & Estimation	Object Oriented Analysis & Design	Software Reliability
					Computer Graphics	Principles of Programming Languages
					Data Warehousing and Business Intelligence	Mining massive Datasets
						Information Retrieval Systems
						Internet of Things
					Artificial Intelligence	DevOps
Computer Graphics	Software Design Methodologies					
Web Programming						
Image Processing						

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<b>COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (62-CSE(CS))</b>  Design and Analysis of Algorithms		Database Management Systems	Cryptography and Network Security	Formal Languages and Automata Theory	Compiler Design	Ethical Hacking
					Artificial Intelligence	Data Science
					Data warehousing and Data Mining	Distributed Systems
					Ad-hoc & Sensor Networks	Cyber Laws
					Cloud computing	IOT Security
<b>COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&amp;ML))</b>  Design and Analysis of Algorithms		Machine Learning	Computer Networks	Compiler Design	Graph Theory	Software Testing Methodologies
					Introduction to Data Science	Information Retrieval Systems
					Web Programming	Pattern Recognition
					Image Processing	Computer Vision and Robotics
					Computer Graphics	Data Warehousing and Business Intelligence

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<b>COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE) (67-CSE(DS))</b>	Design and Analysis of Algorithms	Introduction to Data Science	Computer Networks	Data Mining	Data Warehousing and Business Intelligence	Spatial and Multimedia Databases
					Artificial Intelligence	Information Retrieval Systems
					Web Programming	Software Project Management
					Image Processing	DevOps
<b>COMPUTER SCIENCE AND ENGINEERING (IOT) (69-CSE(IOT))</b>	Microprocessors & Microcontrollers	Database Management Systems	Computer Networks	Finite Automata and Compiler Design	Computer Graphics	Computer Vision and Robotics
					Architecting Smart IoT Devices	Machine Learning
					Data Analytics for IoT	Real Time Systems
					IoT System Architectures	Embedded Hardware Design
					Operating Systems for IoT	Energy Sources and Power Management
					Design and Analysis of Algorithms	Software Engineering

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COMPUTER SCIENCE AND ENGINEERING (NETWORKS) (70-CSE(NETWORKS))	Design and Analysis of Algorithms	Database Management Systems	Internetworking with TCP/IP	Finite Automata and Compiler Design	Advanced Computer Architecture	Image Processing
					Distributed Systems	Advanced Computer Networks
					Distributed Databases	Data Analytics
					Optimization Techniques DevOps	Mobile Application Security
						Game Theory
TEXTILE ENGINEERING (71-TTE)	Fabric Structure and Design	Textile Wet Processing	Fabric Manufacture - II	Business Economics and Financial Analysis 3	Apparel Production Technology	-----
ARTIFICIAL INTELLIGENCE AND DATA SCINCE (72- AIDS)	Machine Learning	Design and Analysis of Algorithms	Big Data Technologies	Software Engineering	Graph Theory	Software Testing Methodologies
					Introduction to Data Science	Information Retrieval Systems
					Scripting Languages	Pattern Recognition
					Image Processing	Computer Vision and Robotics
					Computer Graphics	Data Warehousing and Business Intelligence

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ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (73-AI&ML)	Design and Analysis of Algorithms	Machine Learning	Computer Networks	Compiler Design	Graph Theory	Software Testing Methodologies
					Introduction to Data Science	Information Retrieval Systems
					Web Programming	Pattern Recognition
					Image Processing	Computer Vision and Robotics
					Computer Graphics	Data Warehousing and Business Intelligence
COMPUTER SCIENCE AND DESIGN (74-CSD)	Design and Analysis of Experiments	Computer Networks	Design and Analysis of Algorithms	Software Engineering	Quantum Computing	
					Design of Interactive Systems	Reliability Engineering
						Embedded Systems
					Data Analytics	Information Retrieval Systems
					Image Processing	Distributed Databases
					Systems Management	Natural Language Processing

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DATE: 06-12-2023

NOTE:

- I) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- II) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- III) THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R18 REGULATION

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EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS DECEMBER-2023**

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<b>CIVIL ENGINEERING  (01-CE)</b>	Estimation, Costing and Project Management	Professional Practice law & Ethics	E3	E4	OE2
			Remote Sensing & GIS	Irrigation and Hydraulic Structures	Data Structures
			Advanced Structural Design	Pipeline Engineering	Artificial Intelligence
			Ground Improvement Techniques	Ground Water Hydrology	Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Natural Gas Engineering		
Engineering Materials					
Surface Engineering					
Health & Safety in Mines					
Material Handling in Mines					

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<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>  (02-EEE)	Fundamentals of Management for Engineers	---	E3	E4	OE2
			Digital Control systems	HVDC Transmission	Data Structures
			Digital Signal Processing	Power System Reliability	Artificial Intelligence
			Electrical and Hybrid Vehicles	Industrial Electrical Systems	Remote Sensing & GIS
					Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Natural Gas Engineering
		Engineering Materials			
		Surface Engineering			
		Health & Safety in Mines			
		Material Handling in Mines			

Date: 06-12-2023

  
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<b>MECHANICAL ENGINEERING</b>  (03-ME)	Refrigeration & Air Conditioning	E2	E3	E4	OE2
		Additive Manufacturing	Power Plant Engineering	Computational Fluid Dynamics	Remote Sensing & GIS
		Automation in Manufacturing	Automobile Engineering	Turbo Machinery	Data Structures
		MEMS	Renewable Energy Sources	Fluid Power Systems	Artificial Intelligence
					Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Engineering Materials		
			Surface Engineering		
			Natural Gas Engineering		
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<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  (04-ECE)	Microwave and Optical Communications	Professional Practice law & Ethics	E3	E4	<b>OE2</b>
			Artificial Neural Networks	Biomedical Instrumentation	Data Structures
			Scripting Languages	Database Management Systems	Artificial Intelligence
			Digital Image Processing		Remote Sensing & GIS
					Python Programming
					Java Programming
					Fundamentals of Biomedical Applications
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
		Basic Mechanical Engineering			
		Natural Gas Engineering			
		Engineering Materials			
		Surface Engineering			
		Health & Safety in Mines			
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<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	Cryptography & Network Security	Data Mining	E4	E5	OE2
			Graph Theory	Advanced Algorithms	Remote Sensing & GIS
					Fundamentals of Biomedical Applications
					Electronic Sensors
			Introduction to Embedded Systems	Real Time Systems	Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
			Artificial Intelligence	Soft Computing	Basics of Aeronautical Engineering
					Intellectual Property Rights
			Cloud Computing	Internet of Things	Principles of Entrepreneurship
					Natural Gas Engineering
			Ad-hoc & Sensor Networks	Software Process & Project Management	Engineering Materials
Surface Engineering					
		Health & Safety in Mines			
		Material Handling in Mines			

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING  (10-EIE)</b>	Analytical Instrumentation	Professional Practice, Law & Ethics	E3	E4	OE2
			Pharmaceutical Instrumentation	Biomedical Instrumentation	Remote Sensing & GIS
			Virtual Instrumentation		Data Structures
			MEMS and its applications		Artificial Intelligence
				Computer Networks	Python Programming
					Java Programming
					Electronic Sensors
				Artificial Neural Networks	Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
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<b>INFORMATION TECHNOLOGY</b>  (12- I T)	Information Security	Data Mining	E4	E5	OE2
			Web Security	Intrusion Detection Systems	Remote Sensing & GIS
				Real Time Systems	Fundamentals of Biomedical Applications
				Soft Computing	Electronic Sensors
				Distributed Databases	
			High Performance Computing	Software Process & Project Management	Utilization of Electrical Energy
			Artificial Intelligence		Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
			Cloud Computing		Natural Gas Engineering
			Ad-hoc & Sensor Networks	Engineering Materials	
Surface Engineering					
Health & Safety in Mines					
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<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  (14-MECT)	Automobile Engineering	E2	E3	E4	OE2
		Operations Research			Power Plant Engineering
		Computer Organization	Product Design & Assembly Automation	Advanced Kinematics and Dynamics of Machinery	Artificial Intelligence Python Programming
		Advanced Data Structures	Renewable Energy Sources	Flexible Manufacturing Systems	Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
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# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## IV YEAR B.TECH – I SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS DECEMBER-2023

### TIMETABLE

TIME → FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM: 12.40 PM TO 1.00 PM)

AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	11-12-2023 FN MONDAY	11-12-2023 AN MONDAY	12-12-2023 FN TUESDAY	12-12-2023 AN TUESDAY	13-12-2023 FN WEDNESDAY
<b>METALLURGICAL AND MATERIALS ENGINEERING</b>  (18-MMT)	Introduction to Instrumentation	Fundamentals of Management for Engineers	E3	E4	OE2
			Alternate Routes of Iron & Steel Making	Functional Materials	Remote Sensing & GIS
				Data Structures	
				Computational Materials Engineering	Artificial Intelligence Python Programming Java Programming
			Bio Materials	Ceramics Science and Technology	Fundamentals of Biomedical Applications Electronic Sensors Utilization of Electrical Energy Electric Drives and Control Basic Mechanical Engineering Basics of Aeronautical Engineering Intellectual Property Rights Principles of Entrepreneurship Basic Mechanical Engineering Natural Gas Engineering Health & Safety in Mines Material Handling in Mines
				Non-Destructive Testing	

Date: 06-12-2023

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<b>ELECTRONICS AND COMPUTER ENGINEERING ECM-(19)</b>	Data Mining	Machine Learning	Principles of Advanced Communications	E3	OE2
				Mobile Application Development	Surface Engineering Python Programming Data Structures Intellectual Property Rights
				Ad-hoc & Sensor Networks	Design Thinking Computer Security & Audit Assurance Basics of Aeronautical Engineering Java Programming
				VLSI Design	Artificial Intelligence Utilization of Electrical Energy Electronic Sensors Basic Mechanical Engineering Health & Safety In Mines Electric Drives And Control Fundamentals of Biomedical Applications Remote Sensing & Gis Principles of Entrepreneurship Natural Gas Engineering Engineering Materials Material Handling In Mines Data Mining Iot Automation Ai Applications Optimization Techniques Data Analytics Introduction To Natural Language Processing Enterprise Resource Planning Social Media Security 5G Technologies

Date: 06-12-2023

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<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Vibration and Aero-elasticity	E2	E3	E4	OE2
		Space Mechanics	Experimental Aerodynamics	Industrial Aerodynamics	Remote Sensing & GIS
		Rockets and Missiles			Data Structures
		Wind Tunnel Technique	Hypersonic Aerodynamics	Turbo Machinery	Artificial Intelligence
					Python Programming
			Advanced Computational Aerodynamics	Theory of Combustion	Java Programming
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
					Electric Drives and Control
					Basic Mechanical Engineering
					Intellectual Property Rights
			Principles of Entrepreneurship		
			Natural Gas Engineering		
			Engineering Materials		
			Surface Engineering		
			Health & Safety in Mines		
			Material Handling in Mines		

Date: 06-12-2023



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<b>MINING ENGG. (25-MNE)</b>	Underground Metal Mining Technology	Mine Legislation	E3	E4	OE2
			Advanced Surface Mining	Rock Slope Technology	Remote Sensing & GIS
				Mine Systems Engineering	Data Structures
			Rock Fragmentation Engineering		Python Programming
				Risk Assessment and Management	Fundamentals of Biomedical Applications
			Utilization of Electrical Energy		Electric Drives and Control
			Basic Mechanical Engineering		Basics of Aeronautical Engineering
			Intellectual Property Rights		Principles of Entrepreneurship
			Natural Gas Engineering		Engineering Materials
			Dimensional Stone Technology		Surface Engineering

Date: 06-12-2023

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<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	Petroleum Economics, Policies & Laws	E2	E3	E4	OE2
		Optimization of Upstream Processes	Shale Gas Reservoir Engineering	Pipeline Maintenance Engineering	Remote Sensing & GIS
					Data Structures
			Petroleum Reservoir Stimulation	Natural Gas Processing	Artificial Intelligence
					Python Programming
			Petroleum Reservoir Modelling & Simulation	Petrochemical Engineering	Java Programming
					Fundamentals of Biomedical Applications
		Electronic Sensors			
		Utilization of Electrical Energy			
		Electric Drives and Control			
		Chemical Reaction Engineering			Basic Mechanical Engineering
		Offshore Engineering			Basics of Aeronautical Engineering
					Intellectual Property Rights
			Principles of Entrepreneurship		
			Engineering Materials		
			Surface Engineering		
			Health & Safety in Mines		
			Material Handling in Mines		

Date: 06-12-2023



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**JAWAHARLAL NEHRU**  
 INSTITUTE OF SCIENCE & TECHNOLOGY  
 KUKATPALLY, HYD-500 085

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COMPUTER SCIENCE AND BUSINESS SYSTEMS (32-CSBS)	Design Thinking	Marketing Management And Research	E4	E5	Electronic Sensors
			BIG Data Analytics	Artificial Intelligence	Material Handling In Mines
				Digital Payment Systems	Intellectual Property Rights
				Image Processing	Python Programming
				Social Media Analytics	Optimization Techniques
			Devops	Block chain Technology	Java Programming
			Natural Language Processing		Computer Security & Audit Assurance
				Service Oriented Architectures	Basic Mechanical Engineering
					Data Structures
					Health & Safety In Mines
					Data Mining
					Surface Engineering
					Basics of Aeronautical Engineering
					Fundamentals of Biomedical Applications
					Principles of Entrepreneurship
					Introduction To Natural Language Processing
					Utilization of Electrical Energy
					Electric Drives And Control
					Artificial Intelligence
					Engineering Materials
Data Analytics					
Remote Sensing & GIS					
AI Applications					
IOT Automation					
Social Media Security					
Natural Gas Engineering					
5G Technologies					

Date: 06-12-2023



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<b>COMPUTER SCIENCE INFORMATION TECHNOLOGY CSIT(33)</b>	Design Thinking	Mining Massive Datasets	E4	E5	Optimization Techniques
			Internet of Things	Design Patterns	Health & Safety In Mines
					Remote Sensing & GIS
			Block chain Technology	Web and Social Media Analytics	Social Media Security
					Data Analytics
			Natural Language Processing	Reinforcement Learning	Electronic Sensors
					Principles of Entrepreneurship
			Agile Methodology	Augmented Reality & Virtual Reality	Enterprise Resource Planning
					Introduction To Natural Language Processing
			Predictive Analytics	Electric Drives And Control	Data Mining
					Utilization of Electrical Energy
					Surface Engineering
					Basic Mechanical Engineering
					Fundamentals of Biomedical Applications
					Basics of Aeronautical Engineering
					Natural Gas Engineering
					Design Thinking
5g Technologies					
Iot Automation					

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<b>INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)</b>	Internet of Things	Data Mining	E4	E5	OE2
			Pattern Recognition	Advanced Algorithms	Remote Sensing & GIS
				Natural Language Processing	Fundamentals of Biomedical Applications
			Cryptography & Network Security	Image Processing	Electronic Sensors
				Software Process & Project Management	Utilization of Electrical Energy
			Distributed Systems	Adhoc & Sensor Networks	Electric Drives and Control
			Deep Learning	Human Computer Interaction	Basic Mechanical Engineering
				Human Computer Interaction	Basics of Aeronautical Engineering
				Human Computer Interaction	Intellectual Property Rights
				Human Computer Interaction	Principles of Entrepreneurship
Human Computer Interaction	Human Computer Interaction	Material Handling in Mines			
Human Computer Interaction	Human Computer Interaction	Natural Gas Engineering			
Human Computer Interaction	Human Computer Interaction	Engineering Materials			
Human Computer Interaction	Human Computer Interaction	Surface Engineering			
Human Computer Interaction	Human Computer Interaction	Health & Safety in Mines			

Date: 06-12-2023

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<b>COMPUTER ENGINEERING (SOFTWARE ENGINEERING) (56-CE(SE))</b>	Agile Software Development	Machine learning	E4	E5	OE2
			Quantum Computing	Privacy Preserving In Data Mining	Basic Mechanical Engineering
				Cloud Computing	Basics of Aeronautical Engineering
			Data Stream Mining	Remote Sensing & GIS	
			Data Visualization Techniques	Optimization Techniques	
			Natural Language Processing	Java Programming	
			Information Storage Management	Software Quality Assurance	Fundamentals of Biomedical Applications
			Software Project Management	Exploratory Data Analysis	Health & Safety In Mines
				Surface Engineering	IOT Automation
			Introduction To Natural Language Processing	Natural Gas Engineering	
			Material Handling In Mines	Python Programming	
			Enterprise Resource Planning	Software Project Management	
			Utilization of Electrical Energy	Exploratory Data Analysis	
			Electric Drives And Control	Surface Engineering	
			Electronic Sensors	Introduction To Natural Language Processing	
Intellectual Property Rights	Material Handling In Mines				
Design Thinking	Enterprise Resource Planning				
Data Structures	Utilization of Electrical Energy				
Principles of Entrepreneurship	Electric Drives And Control				
Engineering Materials	Electronic Sensors				
5G Technologies	Intellectual Property Rights				
AI Applications	Design Thinking				
Computer Security & Audit Assurance	Data Structures				
Social Media Security	Principles of Entrepreneurship				
Artificial Intelligence	Engineering Materials				

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<b>COMPUTER SCIENCE AND ENGINEERING) (CYBER SECURITY) (62-CSE(CS)</b>	Vulnerability Assessment & Penetration Testing	Network Management Systems and Operations	E4	E5	OE2
			Edge Analytics	Quantum Computing	Fundamentals of Biomedical Applications
			Web & Database Security	Data Analytics for Fraud Detection	Enterprise Resource Planning
			Computer Security & Audit Assurance	5G Technologies	Artificial Intelligence
				Security Incident & Response Management (SOC)	Optimization Techniques
				Authentication Techniques	IOT automation
			Social Media Security		Data Structures
			Deep Learning		Health & Safety In Mines
					Design Thinking
					Utilization of Electrical Energy
					Data Analytics
					Data Mining
					Remote Sensing & GIS
					Electric Drives And Control
					Basic Mechanical Engineering
					Electronic Sensors
					Intellectual Property Rights
					Basics of Aeronautical Engineering
					Python Programming
					Surface Engineering
		Material Handling In Mines			
		Introduction To Natural Language Processing			
		Engineering Materials			
		Java Programming			
		Principles of Entrepreneurship			
		Natural Gas Engineering			
		5G Technologies			
		AI Applications			

Date: 06-12-2023

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<b>COMPUTER SCIENCE  AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&amp;ML))</b>	Neural Networks & Deep Learning	Reinforcement Learning	E4	E5	OE2
			Quantum Computing	Social Network Analysis	IOT Automation
			Expert Systems	Federated Machine Learning	Optimization Techniques
			Cloud Computing		Data Analytics
			Game Theory	Augmented Reality & Virtual Reality	Health & Safety In Mines
				Web Security	Intellectual Property Rights
					Principles of Entrepreneurship
					Engineering Materials
					Design Thinking
					Social Media Security
					Remote Sensing & GIS
					Electronic Sensors
					Data Structures
					Java Programming
					Material Handling In Mines
					Electric Drives And Control
					Fundamentals of Biomedical Applications
					Surface Engineering
					5G Technologies
					Enterprise Resource Planning
		Basics of Aeronautical Engineering			
		Computer Security & Audit Assurance			
		Artificial Intelligence			
		Python Programming			
		Natural Gas Engineering			
		Utilization of Electrical Energy			
		Basic Mechanical Engineering			
		Data Mining			

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<b>COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE) (67-CSE(DS))</b>	Predictive Analytics	Web and Social Media Analytics	E4	E5	OE2
			Quantum Computing	Privacy Preserving in Data Mining	Electronic Sensors
			Database Security		Health & Safety In Mines
			Natural Language Processing		Artificial Intelligence
			Information Storage Management		Electric Drives And Control
			Internet of Things		Basic Mechanical Engineering
					Python Programming
					Fundamentals Of Biomedical Applications
					Intellectual Property Rights
					AI Applications
					Cloud Computing
				Data Science Applications	Data Structures
				Mining Massive Datasets	Principles Of Entrepreneurship
					Surface Engineering
					Material Handling In Mines
					Natural Gas Engineering
					5G Technologies
					Enterprise Resource Planning
					Optimization Techniques
					Computer Security & Audit Assurance
		Engineering Materials			
		Social Media Security			
		Java Programming			
		Design Thinking			
		Engineering Materials			
		Social Media Security			
		Enterprise Resource Planning			
		Introduction To Natural Language Processing			
		IOT Automation			
		Utilization of Electrical Energy			

Date: 06-12-2023

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			E4	E5	OE2
<b>COMPUTER SCIENCE AND ENGINEERING (IOT) (69-CSE(IOT))</b>	IoT Cloud Processing and Analytics	IoT Security	Quantum Computing	Embedded Software Design	Data Analytics
			Wireless Networks	5G & IoT Technologies	Fundamentals of Biomedical Applications
			Augmented Reality & Virtual Reality	Cognitive Computing	Basic Mechanical Engineering
					Social Media Security
			IoT Automation		Design Thinking
			Ad-hoc & Sensor Networks	Distributed Systems	Data Structures
				Edge Computing	Material Handling In Mines
					Natural Gas Engineering
					Engineering Materials
					Data Mining
					Remote Sensing & Gis
					Electronic Sensors
					Surface Engineering
					Python Programming
					Artificial Intelligence
					Intellectual Property Rights
					5G Technologies
					Enterprise Resource Planning
					Electric Drives And Control
					Basics of Aeronautical Engineering
		Introduction To Natural Language Processing			
		Utilization of Electrical Energy			
		Java Programming			
		Computer Security & Audit Assurance			
		Optimization Techniques			
		Principles of Entrepreneurship			
		Health & Safety In Mines			

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<b>COMPUTER SCIENCE AND ENGINEERING (NETWORKS)</b>  (70- CSE(NETWORKS)	Cloud Computing	Cryptography and Network Security	E4	E5	OE2
			Neural Networks & Deep Learning	Real Time Systems	IOT Automation
			Wireless Networks	Ad-hoc & Sensor Networks	AI Applications
			Information Retrieval Systems	Distributed Storage Networks	Basic Mechanical Engineering
			Wireless Security	Block chain Technology	Social Media Security
			Network Management Systems and Operations	Software Process & Project Management	Enterprise Resource Planning
					Fundamentals Of Biomedical Applications
					Engineering Materials
					Basics of Aeronautical Engineering
					Utilization of Electrical Energy
					Principles of Entrepreneurship
					Computer Security & Audit Assurance
					Data Mining
					Electric Drives And Control
					Java Programming
					Intellectual Property Rights
					Introduction To Natural Language Processing
					Artificial Intelligence
					Material Handling In Mines
					Natural Gas Engineering
		Python Programming			
		Health & Safety In Mines			
		Remote Sensing & GIS			
		Data Analytics			
		Design Thinking			
		Electronic Sensors			
		Data Structures			
		Surface Engineering			

Date: 06-12-2023

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- Note: ( i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.  
 (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL  
 (iii) READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.  
 (iv) THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE QUESTION PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R18 REGULATION



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
HYDERABAD-500085**

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)  
B.Tech - R18 - II Year - I Semester  
ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2023-05-10 12.28.41

HTNO	15302	15309	15310	15332	153AC	153AP	153AQ	153AR	153AW
21E31A0201	22	22	15	85	20	15	19	14	17
21E31A0202	15	15	22	80	18	15	15	18	18
21E31A0203	5	15	15	50	15	17	15	15	14
21E31A0204	20	18	20	70	18	13	17	14	15
21E31A0205	22	22	23	80	19	14	19	16	20
22E35A0201	19	18	22	50	19	11	16	14	13
22E35A0202	15	20	21	80	18	16	18	18	14
22E35A0203	18	20	23	75	21	19	18	16	17
22E35A0204	25	25	25	90	22	17	20	19	20
22E35A0205	23	25	25	90	22	21	22	21	20
22E35A0206	22	22	22	65	19	16	19	15	16
22E35A0207	15	20	23	75	22	17	19	16	19
22E35A0208	21	18	22	75	13	13	15	15	13
22E35A0209	18	16	20	65	15	12	15	14	17
22E35A0210	15	18	16	65	13	12	16	13	14
22E35A0211	15	20	21	70	15	17	14	15	16
22E35A0212	22	22	23	90	19	15	20	17	20
Total:17	312	336	358	125 5	308	260	297	270	283

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
15309	ELECTRICAL CIRCUITS LAB
153AQ	ELECTRICAL MACHINES I
15310	ELECTRICAL MACHINES LAB I
153AP	ELECTRICAL CIRCUIT ANALYSIS
15332	GENDER SENSITIZATION LAB
15302	ANALOG ELECTRONICS LAB
153AC	ANALOG ELECTRONICS

153AR	ELECTROMAGNETIC FIELDS
153AW	ENGINEERING MECHANICS

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HYDERABAD-500085**

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)

B.Tech - R18 - II Year - II Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2023-09-22 15.54.31

HTNO	15407	15409	15411	15427	154AK	154AN	154AU	154BG	154BW
21E31A0201	20	21	20	78	17	22	20	10	19
21E31A0202	19	19	21	68	21	19	14	11	18
21E31A0203	10	10	18	50	11	13	11	9	11
21E31A0204	10	17	21	61	16	19	14	10	18
21E31A0205	23	20	22	72	21	19	19	14	18
22E35A0201	22	20	20	66	20	16	16	12	16
22E35A0202	22	18	24	70	22	19	19	10	22
22E35A0203	22	22	23	72	21	20	17	13	21
22E35A0204	24	23	24	75	21	22	21	16	22
22E35A0205	23	23	22	78	22	22	23	14	23
22E35A0206	16	20	18	66	17	21	19	9	17
22E35A0207	23	20	23	67	19	21	19	19	21
22E35A0208	12	10	18	72	17	20	16	12	18
22E35A0209	19	19	21	67	17	19	17	10	18
22E35A0210	18	17	20	67	15	18	18	10	15
22E35A0211	13	12	18	68	15	19	16	15	19
22E35A0212	20	20	23	75	20	21	18	12	22
Total:17	316	311	356	117 2	312	330	297	206	318

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
154AK	CONTROL SYSTEMS
15409	DIGITAL ELECTRONICS LAB
154AN	DIGITAL ELECTRONICS
15411	ELECTRICAL MACHINES LAB II
15407	CONTROL SYSTEMS LAB
154BW	POWER SYSTEM I
154BG	LAPLACE TRANSFORMS, NUMERICAL METHODS & COMPLEX VARIABLES

15427	CONSTITUTION OF INDIA
154AU	ELECTRICAL MACHINES II

Signature Of Principal with Date & Office seal





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
HYDERABAD-500085**

Mahaveer Institute of Science and Technology(E3)

**B.Tech - R18 - III Year - I Semester**

**ELECTRICAL AND ELECTRONICS ENGINEERING**

Final University Consolidated Internal Marks Report-Date- 2023-01-28 20.28.16

HTNO	15501	15519	15526	15527	15531	15533	155AG	155BR	155CB	155CU	155CV	155SR
18QM5A0220	18	23	20	18	92	95	-	12	14	14	14	17
20E31A0203	18	12	15	17	70	-1	14	12	5	11	10	-
20E31A0204	15	-1	-1	16	70	-1	7	5	5	8	7	-
20E31A0205	19	12	16	16	76	75	16	14	17	14	14	-
20E31A0207	20	14	16	17	86	85	15	15	11	14	12	-
20E31A0209	19	22	16	20	89	90	17	20	13	14	19	-
21E35A0201	22	24	20	23	89	90	18	21	23	21	21	-
21E35A0202	22	20	18	19	89	90	17	18	18	15	16	-
21E35A0203	18	22	17	16	86	85	19	19	20	20	17	-
21E35A0204	24	23	24	23	88	80	20	22	23	20	21	-
21E35A0205	18	20	18	19	76	75	16	16	14	14	12	-
21E35A0206	20	19	18	17	81	80	16	18	18	17	17	-
21E35A0207	21	24	20	18	76	75	18	19	19	16	17	-
21E35A0208	21	23	18	21	90	95	19	22	23	22	20	-
21E35A0209	23	24	22	22	86	85	21	23	23	23	22	-
21E35A0210	24	24	22	22	90	95	21	23	23	22	22	-
21E35A0211	22	23	21	21	90	95	21	22	23	21	22	-
Total:17	344	329	301	325	142 4	129 0	275	301	292	286	283	17

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
15519	MEASUREMENTS AND INSTRUMENTATION LAB
15531	INTELLECTUAL PROPERTY RIGHTS
155CU	POWER ELECTRONICS
15501	ADVANCED COMMUNICATION SKILLS LAB
15533	CYBER SECURITY
155BR	HIGH VOLTAGE ENGINEERING

155CB	MEASUREMENTS AND INSTRUMENTATION
155SR	ANALOG ELECTRONICS
155AG	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS
15527	POWER SYSTEM SIMULATION LAB
15526	POWER ELECTRONICS LAB
155CV	POWER SYSTEM II

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HYDERABAD-500085**

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)  
B.Tech - R18 - III Year - II Semester  
ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2023-07-08 10.25.33

HTNO	15620	15627	15630	15632	15672	156BU	156CJ	156CK	156CM	156CV	156DX
18QM5A0220	15	18	16	65	65	9	14	16	13	11	16
20E31A0203	-1	-1	-1	-	-1	6	10	4	6	9	9
20E31A0204	13	17	-1	-	60	10	13	11	7	10	9
20E31A0205	-1	-1	-1	-	-1	3	-1	-1	-1	-1	-1
20E31A0207	13	20	17	-	70	14	17	19	13	17	17
20E31A0209	21	21	17	-	80	13	21	20	18	18	21
21E35A0201	25	25	16	81	85	22	21	21	21	21	22
21E35A0202	20	20	21	75	75	16	21	19	19	22	19
21E35A0203	14	19	19	75	70	17	18	17	20	22	21
21E35A0204	25	25	24	85	85	22	22	21	23	24	22
21E35A0205	13	18	16	70	70	13	16	18	18	16	17
21E35A0206	17	21	19	70	70	13	17	17	16	19	19
21E35A0207	13	20	20	80	80	15	20	19	17	21	18
21E35A0208	22	22	18	85	85	19	21	21	19	20	22
21E35A0209	25	25	24	85	85	23	23	23	21	23	23
21E35A0210	25	25	25	85	85	22	22	21	23	24	23
21E35A0211	22	23	22	81	80	16	22	20	22	22	22
Total:17	283	319	274	937	114 5	253	298	287	276	299	300

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
156CK	POWER SYSTEM OPERATION AND CONTROL
156CJ	POWER SEMICONDUCTOR DRIVES
15630	SIGNALS AND SYSTEMS LA
15672	FUNDAMENTALS OF AI
156CM	POWER SYSTEM PROTECTION
15632	ENVIRONMENTAL SCIENCE

15620	MICROPROCESSORS & MICROCONTROLLERS LAB
15627	POWER SYSTEM LAB
156DX	NON CONVENTIONAL ENERGY SOURCES
156CV	SIGNALS AND SYSTEMS
156BU	MICROPROCESSORS & MICROCONTROLLERS

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**MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)  
B.Tech - R18 - IV Year - I Semester  
ELECTRICAL AND ELECTRONICS ENGINEERING**

Final University Consolidated Internal Marks Report-Date- 2023-01-13 13.50.39

HTNO	15703	15707	15731	157BK	157BT	157BY	157EY
18E31A0205	22	79	18	16	18	15	18
18E31A0218	24	82	19	16	20	19	19
19E31A0201	20	85	20	18	17	15	20
19E31A0202	18	80	18	12	15	6	10
19E31A0207	19	81	18	18	18	15	18
19E31A0208	15	82	19	15	18	13	20
19E31A0209	22	88	22	19	17	13	21
19E31A0210	24	93	23	23	22	19	21
19E31A0211	24	93	23	21	21	17	20
19E31A0214	23	93	23	21	21	20	22
19E31A0215	20	87	20	16	17	14	17
19E31A0216	24	90	21	20	22	18	18
19E31A0217	22	89	21	19	18	18	16
19E31A0219	21	88	21	19	19	18	21
19E31A0220	23	89	20	21	21	19	23
19E31A0221	17	88	19	18	19	15	16
19E31A0222	15	78	18	17	19	12	17
19E31A0223	18	78	18	17	18	13	18
20E35A0201	24	93	23	22	20	18	20
20E35A0202	23	83	19	20	21	18	19
20E35A0204	24	93	23	22	22	21	22
20E35A0205	23	91	21	21	20	17	18
20E35A0206	23	81	18	20	18	17	19
20E35A0207	21	80	19	15	16	15	14
20E35A0208	25	93	22	20	21	17	20
20E35A0209	25	93	22	21	19	19	19
20E35A0210	22	90	20	18	19	19	20
20E35A0211	22	78	18	18	17	18	20
Total:28	603	2418	566	523	533	458	526

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
15707	SEMINAR
157BY	HVDC TRANSMISSION
157BK	ELECTRICAL AND HYBRID VEHICLES
15731	PROJECT STAGE - I
157EY	PYTHON PROGRAMMING
15703	ELECTRICAL & ELECTRONICS DESIGN LAB
157BT	FUNDAMENTALS OF MANAGEMENT FOR ENGINEERS

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**MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)  
B.Tech - R18 - IV Year - I Semester  
MECHANICAL ENGINEERING**

University Mid-2 Internal Marks Report-Date- 2023-01-12 14.54.17

HTNO	157AB	157BQ	157DK	157DN	157EJ
18E31A0315	15	18	17	17	18
18E31A0320	14	16	15	17	15
19E31A0301	18	16	21	19	19
19E31A0303	18	18	21	20	19
19E31A0305	16	20	20	20	20
19E31A0306	16	17	23	19	20
19E31A0308	17	16	20	18	18
19E31A0309	20	17	19	20	16
20E35A0301	16	17	20	20	20
20E35A0302	19	18	21	20	20
20E35A0303	19	20	22	21	21
20E35A0304	21	23	22	23	17
20E35A0305	19	19	21	20	20
20E35A0306	16	19	20	19	19
20E35A0307	16	20	19	19	14
20E35A0308	16	18	17	21	19

Note : '-1' Indicates Student is Absent for the exam.

Subject Code	Subject Name
157DK	REFRIGERATION & AIR CONDITIONING
157EJ	BASICS OF AERONAUTICAL ENGINEERING
157DN	RENEWABLE ENERGY SOURCES
157BQ	FLUID POWER SYSTEMS
157AB	ADDITIVE MANUFACTURING

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
HYDERABAD-500085**

**MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)  
B.Tech - R18 - IV Year - I Semester  
MECHANICAL ENGINEERING**

Final University Consolidated Internal Marks Report-Date- 2023-01-13 12.06.27

HTNO	15708	15732	157AB	157BQ	157DK	157DN	157EJ
18E31A0315	92	20	16	17	14	17	13
18E31A0320	92	21	16	16	14	17	12
19E31A0301	90	22	18	17	19	21	18
19E31A0303	94	24	18	19	17	20	19
19E31A0305	94	24	16	19	18	22	17
19E31A0306	90	24	16	17	18	21	16
19E31A0308	94	24	18	17	17	20	16
19E31A0309	98	23	19	17	16	22	13
20E35A0301	98	22	18	17	18	22	17
20E35A0302	96	22	20	19	18	22	16
20E35A0303	94	25	21	21	20	23	18
20E35A0304	98	25	22	22	22	24	16
20E35A0305	94	25	19	19	19	21	17
20E35A0306	98	24	18	19	18	20	16
20E35A0307	94	24	16	18	16	19	13
20E35A0308	92	22	17	16	15	20	15
Total:16	1508	371	288	290	279	331	252

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
15708	SEMINAR
157DK	REFRIGERATION & AIR CONDITIONING
157EJ	BASICS OF AERONAUTICAL ENGINEERING
157DN	RENEWABLE ENERGY SOURCES
157BQ	FLUID POWER SYSTEMS
15732	PROJECT STAGE - I
157AB	ADDITIVE MANUFACTURING

Signature Of Principal with Date & Office seal





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HYDERABAD-500085**

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)  
B.Tech - R18 - IV Year - II Semester  
ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2023-06-30 16.03.07

HTNO	15802	158AV	158CD	158DF
18E31A0205	20	17	18	19
18E31A0218	23	21	22	18
19E31A0201	23	18	18	18
19E31A0202	20	13	15	18
19E31A0207	20	18	18	19
19E31A0208	20	17	19	17
19E31A0209	23	18	19	18
19E31A0210	24	23	22	20
19E31A0211	25	23	22	18
19E31A0214	25	22	21	19
19E31A0215	20	8	18	18
19E31A0216	23	20	21	19
19E31A0217	24	21	20	19
19E31A0219	22	21	21	16
19E31A0220	23	22	21	18
19E31A0221	22	17	21	18
19E31A0222	20	17	13	18
19E31A0223	20	13	16	17
20E35A0201	25	23	22	18
20E35A0202	23	21	21	19
20E35A0204	25	22	24	19
20E35A0205	24	22	22	19
20E35A0206	23	21	19	20
20E35A0207	21	18	16	18
20E35A0208	25	23	22	20
20E35A0209	25	23	21	19
20E35A0210	23	19	20	18
20E35A0211	22	18	16	19
Total:28	633	539	548	516



Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
158AV	ELECTRICAL DISTRIBUTION SYSTEMS
158DF	ENVIRONMENTAL IMPACT ASSESSMENT
15802	PROJECT STAGE II
158CD	POWER QUALITY AND FACTS

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**DEPARTMENT OF MANAGEMENT STUDIES**

**MBA I YEAR II SEMESTER – R19  
Consolidated Internal Marks Report**

HTNO	762AA	762AB	762AC	762AD	762AE	762AF	762AK
21E31E0001	25	24	25	24	21	23	22
21E31E0002	20	22	24	23	19	20	21
21E31E0003	21	23	24	23	19	21	19
21E31E0004	23	22	25	22	18	19	18
21E31E0005	17	19	23	19	16	16	18
21E31E0006	15	14	14	14	14	14	14
21E31E0008	20	21	21	19	17	16	20
21E31E0009	24	24	25	24	23	22	23
21E31E0010	24	23	24	23	21	20	22
21E31E0011	22	24	25	24	19	21	21
21E31E0012	25	24	25	24	22	22	22
21E31E0013	23	24	25	24	20	22	19
21E31E0014	23	22	24	21	19	21	17
21E31E0015	19	19	23	19	18	18	19
21E31E0016	15	14	14	14	14	14	14
21E31E0017	21	24	23	22	22	22	22
21E31E0018	22	21	22	22	21	22	21
21E31E0019	22	22	21	21	21	22	22
21E31E0020	22	20	21	20	22	21	23
21E31E0021	23	21	22	19	22	22	21
21E31E0022	21	21	22	20	21	21	20
21E31E0023	21	21	22	20	20	22	21
Total:22	468	469	494	461	429	441	439



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**DEPARTMENT OF MANAGEMENT STUDIES**

Subject Code	Subject Name
762AA	HUMAN RESOURCE MANAGEMENT
762AB	MARKETING MANAGEMENT
762AC	FINANCIAL MANAGEMENT
762AD	QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS
762AE	ENTREPRENEURSHIP
762AF	LOGISTICS & SUPPLY CHAIN MANAGEMENT
762AK	RURAL MARKETING

**HOD**



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**DEPARTMENT OF MANAGEMENT STUDIES**

**MBA II YEAR I SEMESTER – R19  
Consolidated Internal Marks Report**

HTNO	76301	763AA	763AB	763AC	763AG	763AH	763AJ	763AK	763AM	763AN
21E31E0001	85	22	22	23	22	24	24	-	-	-
21E31E0002	87	22	22	22	-	-	-	23	22	22
21E31E0003	88	23	22	22	-	-	-	23	23	24
21E31E0004	94	24	23	22	22	22	22	-	-	-
21E31E0005	73	19	20	19	20	21	21	-	-	-
21E31E0006	74	15	14	15	15	15	15	-	-	-
21E31E0008	73	20	21	21	-	-	-	19	21	21
21E31E0009	92	24	23	23	-	-	-	23	24	24
21E31E0010	96	24	24	23	23	23	24	-	-	-
21E31E0011	98	25	24	23	24	22	24	-	-	-
21E31E0012	99	25	24	24	25	24	24	-	-	-
21E31E0013	91	22	22	21	22	24	24	-	-	-
21E31E0014	86	22	21	21	-	-	-	24	24	24
21E31E0015	75	20	21	21	-	-	-	22	22	20
21E31E0016	70	15	14	14	15	14	15	-	-	-
21E31E0017	-1	-1	-1	-1	-	-	-	-1	-1	-1
21E31E0018	85	21	21	22	22	22	23	-	-	-
21E31E0019	99	24	24	24	-	-	-	24	24	24
21E31E0020	89	21	21	22	-	-	-	21	22	23
21E31E0021	-1	-1	-1	-1	-1	-1	-1	-	-	-
21E31E0022	87	20	20	22	-	-	-	21	23	22
21E31E0023	89	20	20	21	-	-	-	22	23	22
Total:22	1730	428	423	425	210	211	216	222	228	226



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**DEPARTMENT OF MANAGEMENT STUDIES**

Subject Code	Subject Name
763AM	LEARNING AND DEVELOPMENT
763AN	MANAGEMENT OF INDUSTRIAL RELATIONS
763AA	PRODUCTION & OPERATIONS MANAGEMENT
76301	SUMMER INTERNSHIP
763AB	MANAGEMENT INFORMATION SYSTEMS
763AC	DATA ANALYTICS
763AG	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT
763AH	FINANCIAL INSTITUTIONS, MARKETS & SERVICES
763AJ	STRATEGIC MANAGEMENT ACCOUNTING
763AK	PERFORMANCE MANAGEMENT SYSTEMS

**HOD**



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**DEPARTMENT OF MANAGEMENT STUDIES**

**MBA II YEAR II SEMESTER – R19  
Consolidated Internal Marks Report**

HTNO	76401	764AA	764AE	764AF	764AG	764AH	764AJ	764AK
21E31E0001	98	22	22	22	22	-	-	-
21E31E0002	95	23	-	-	-	22	22	22
21E31E0003	96	23	-	-	-	21	21	22
21E31E0004	93	21	22	21	20	-	-	-
21E31E0005	90	21	21	21	20	-	-	-
21E31E0006	91	19	19	21	18	-	-	-
21E31E0008	93	20	-	-	-	21	21	22
21E31E0009	97	23	-	-	-	23	22	23
21E31E0010	98	22	23	22	22	-	-	-
21E31E0011	98	23	22	23	22	-	-	-
21E31E0012	99	24	23	23	23	-	-	-
21E31E0013	95	23	23	23	23	-	-	-
21E31E0014	95	22	-	-	-	22	21	21
21E31E0015	92	19	-	-	-	21	20	20
21E31E0016	92	19	21	20	18	-	-	-
21E31E0018	92	22	22	22	21	-	-	-
21E31E0019	99	23	-	-	-	23	23	22
21E31E0020	95	22	-	-	-	21	21	21
21E31E0022	93	22	-	-	-	21	22	21
21E31E0023	94	21	-	-	-	22	21	21
Total:20	1895	434	218	218	209	217	214	215

  
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**DEPARTMENT OF MANAGEMENT STUDIES**

Subject Code	Subject Name
764AA	STRATEGIC MANAGEMENT
76401	PRE SUBMISSION PROJECT SEMINAR
764AE	INTERNATIONAL FINANCIAL MANAGEMENT
764AF	STRATEGIC INVESTMENT AND FINANCING DECISIONS
764AG	RISK MANAGEMENT AND FINANCIAL DERIVATIVES
764AH	INTERNATIONAL HUMAN RESOURCE MANAGEMENT
764AJ	LEADERSHIP AND CHANGE MANAGEMENT
764AK	TALENT AND KNOWLEDGE MANAGEMENT

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## DEPARTMENT OF MANAGEMENT STUDIES

### MBA I YEAR I SEMESTER – R22 Consolidated Internal Marks Report

HTNO	78101	78102	781AA	781AB	781AC	781AD	781AE	781AG
22E31E0001	35	35	33	33	34	36	34	35
22E31E0002	35	34	26	35	31	29	29	30
22E31E0003	40	39	36	36	37	35	36	35
22E31E0004	40	38	27	38	32	33	30	35
22E31E0005	34	35	32	38	35	36	34	36
22E31E0006	36	35	34	38	36	38	30	38
22E31E0007	37	37	31	35	24	36	32	38
22E31E0008	35	38	25	36	34	31	32	34
22E31E0009	32	33	24	35	24	25	27	30
22E31E0010	40	38	36	37	36	37	36	36
22E31E0011	20	35	27	34	23	23	22	23
22E31E0012	31	34	33	38	26	34	30	32
22E31E0013	40	38	33	36	39	38	36	37
22E31E0014	36	36	25	36	36	33	33	36
22E31E0015	40	39	30	36	39	39	37	39
22E31E0016	40	37	38	36	38	39	33	38
22E31E0017	32	32	33	34	31	31	33	36
22E31E0018	35	37	31	34	31	33	34	38
22E31E0020	36	39	30	36	34	35	35	38
22E31E0021	36	38	26	36	33	32	33	33
22E31E0022	35	34	33	34	24	25	25	24
22E31E0023	32	34	34	34	23	26	26	24
22E31E0024	36	35	30	36	36	33	33	35
22E31E0025	40	39	33	37	34	36	33	36
22E31E0026	30	36	33	37	34	35	32	35
22E31E0027	35	35	35	38	33	38	35	38
22E31E0028	40	36	25	35	30	36	33	36
22E31E0029	36	36	32	37	35	31	31	36
22E31E0030	33	35	33	37	35	36	35	37





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## DEPARTMENT OF MANAGEMENT STUDIES

22E31E0031	36	35	34	32	32	33	32	36
22E31E0032	35	35	34	37	31	26	23	26
22E31E0033	37	35	36	38	38	35	30	36
22E31E0034	25	34	31	31	24	24	26	24
22E31E0035	40	40	39	38	38	39	35	34
22E31E0036	36	35	32	35	34	37	33	33
22E31E0037	35	36	33	31	27	32	26	30
22E31E0038	32	34	37	36	33	35	32	32
22E31E0039	32	32	36	36	32	33	32	32
22E31E0040	34	35	27	30	27	33	26	30
22E31E0041	36	35	25	31	37	23	33	35
22E31E0042	40	35	32	36	39	38	36	38
22E31E0043	36	36	36	36	38	36	34	34
22E31E0044	36	36	37	38	37	32	36	35
22E31E0045	35	37	35	36	39	35	36	35
22E31E0046	33	37	37	36	29	28	33	36
22E31E0047	40	39	38	38	39	36	34	39
22E31E0048	36	40	37	38	34	36	35	38
22E31E0049	38	39	33	39	31	36	30	36
22E31E0050	35	35	38	38	35	34	33	36
22E31E0051	25	35	35	38	36	34	35	37
22E31E0052	25	34	32	33	26	25	29	30
22E31E0054	25	34	34	35	26	23	23	28
22E31E0055	32	36	36	38	38	34	32	36
Total:53	1841	1906	1722	1896	1737	1746	1683	1804

Subject Code	Subject Name
78101	BUSINESS COMMUNICATION LAB
781AB	BUSINESS ECONOMICS
781AA	MANAGEMENT AND ORGANIZATIONAL BEHAVIOR
781AD	RESEARCH METHODOLOGY AND STATISTICAL ANALYSIS
78102	STATISTICAL DATA ANALYSIS LAB
781AC	FINANCIAL REPORTING & ANALYSIS
781AE	LEGAL AND BUSINESS ENVIRONMENT
781AG	PROJECT MANAGEMENT

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**DEPARTMENT OF MANAGEMENT STUDIES**

**MBA I YEAR I SEMESTER – R22  
Consolidated Internal Marks Report**

HTNO	78101	78102	781AA	781AB	781AC	781AD	781AE	781AG
22E31E0001	35	35	33	33	34	36	34	35
22E31E0002	35	34	26	35	31	29	29	30
22E31E0003	40	39	36	36	37	35	36	35
22E31E0004	40	38	27	38	32	33	30	35
22E31E0005	34	35	32	38	35	36	34	36
22E31E0006	36	35	34	38	36	38	30	38
22E31E0007	37	37	31	35	24	36	32	38
22E31E0008	35	38	25	36	34	31	32	34
22E31E0009	32	33	24	35	24	25	27	30
22E31E0010	40	38	36	37	36	37	36	36
22E31E0011	20	35	27	34	23	23	22	23
22E31E0012	31	34	33	38	26	34	30	32
22E31E0013	40	38	33	36	39	38	36	37
22E31E0014	36	36	25	36	36	33	33	36
22E31E0015	40	39	30	36	39	39	37	39
22E31E0016	40	37	38	36	38	39	33	38
22E31E0017	32	32	33	34	31	31	33	36
22E31E0018	35	37	31	34	31	33	34	38
22E31E0020	36	39	30	36	34	35	35	38
22E31E0021	36	38	26	36	33	32	33	33
22E31E0022	35	34	33	34	24	25	25	24
22E31E0023	32	34	34	34	23	26	26	24
22E31E0024	36	35	30	36	36	33	33	35
22E31E0025	40	39	33	37	34	36	33	36
22E31E0026	30	36	33	37	34	35	32	35
22E31E0027	35	35	35	38	33	38	35	38
22E31E0028	40	36	25	35	30	36	33	36
22E31E0029	36	36	32	37	35	31	31	36
22E31E0030	33	35	33	37	35	36	35	37



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## DEPARTMENT OF MANAGEMENT STUDIES

22E31E0031	36	35	34	32	32	33	32	36
22E31E0032	35	35	34	37	31	26	23	26
22E31E0033	37	35	36	38	38	35	30	36
22E31E0034	25	34	31	31	24	24	26	24
22E31E0035	40	40	39	38	38	39	35	34
22E31E0036	36	35	32	35	34	37	33	33
22E31E0037	35	36	33	31	27	32	26	30
22E31E0038	32	34	37	36	33	35	32	32
22E31E0039	32	32	36	36	32	33	32	32
22E31E0040	34	35	27	30	27	33	26	30
22E31E0041	36	35	25	31	37	23	33	35
22E31E0042	40	35	32	36	39	38	36	38
22E31E0043	36	36	36	36	38	36	34	34
22E31E0044	36	36	37	38	37	32	36	35
22E31E0045	35	37	35	36	39	35	36	35
22E31E0046	33	37	37	36	29	28	33	36
22E31E0047	40	39	38	38	39	36	34	39
22E31E0048	36	40	37	38	34	36	35	38
22E31E0049	38	39	33	39	31	36	30	36
22E31E0050	35	35	38	38	35	34	33	36
22E31E0051	25	35	35	38	36	34	35	37
22E31E0052	25	34	32	33	26	25	29	30
22E31E0054	25	34	34	35	26	23	23	28
22E31E0055	32	36	36	38	38	34	32	36
Total:53	1841	1906	1722	1896	1737	1746	1683	1804

Subject Code	Subject Name
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781AG	PROJECT MANAGEMENT

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, HYDERABAD-500085**  
**MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)**

University External Exam Provisional Award List

R18- IV Year B.Tech I Semester Regular

MECHANICAL ENGINEERING, SECTION-A

INDUSTRIAL ORIENTED MINI PROJECT SUMMER INTERNSHIP (15720)

Maximum Marks: 100

Date: 2023-01-11 15.39.43

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	18E31A0315	89
2	18E31A0320	88
3	19E31A0301	95
4	19E31A0303	80
5	19E31A0305	89
6	19E31A0306	87
7	19E31A0308	85
8	19E31A0309	83
9	20E35A0301	89
10	20E35A0302	94
11	20E35A0303	98
12	20E35A0304	97
13	20E35A0305	94
14	20E35A0306	94
15	20E35A0307	82
16	20E35A0308	83



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, HYDERABAD-500085**  
**MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY(E3)**

**University External Exam Provisional Award List**

R18- IV Year B.Tech I Semester Regular

MECHANICAL ENGINEERING, SECTION-A

PROJECT STAGE - I (15732)

Maximum Marks: 75

Date: 2023-01-13 12.01.17

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	18E31A0315	65
2	18E31A0320	67
3	19E31A0301	68
4	19E31A0303	73
5	19E31A0305	73
6	19E31A0306	68
7	19E31A0308	73
8	19E31A0309	73
9	20E35A0301	72
10	20E35A0302	72
11	20E35A0303	74
12	20E35A0304	74
13	20E35A0305	74
14	20E35A0306	74
15	20E35A0307	73
16	20E35A0308	70

  
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