




## 2.5. Evaluation Process and Reforms

### 2.5.1. Mechanism of internal assessment is transparent and robust in terms of frequency and mode:

S.No	File Name	Page No
1	JNTUH Academic Regulations	1
2	JNTUH Exam registration Notifications	101
3	JNTUH proceedings from Director of Evaluation	127
4	Examination Time Tables	143
5	Sample Mid Marks Entry Sheet	242
6	Consolidated Internal Marks Report	268
7	Mini , Major Project & comprehensive Viva marks sheet	305
8	CBT Exam Circulars	338

  
Principal  
**MAHAVEER**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Bandlaguda, Hyd-500 005.





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by State Act No. 30 of 2008)

Kukatpally, Hyderabad, Telangana (India).

## **ACADEMIC REGULATIONS FOR B.TECH. REGULAR STUDENTS**

### **WITH EFFECT FROM**

### **ACADEMIC YEAR 2018-19 (R-18)**

#### **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 2018-19.

#### **2.0 Eligibility for admission**

**2.1** Admission to the under graduate (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 under graduate 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 under graduate 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**

Each under graduate programme is of 4 academic years (8 semesters) with the academic year divided into two semesters of 22 weeks ( $\geq 90$  instructional days) each, each

semester having - ‘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 as 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 under graduate 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		Industrial training/	Industrial training/ Summer Internship/

		Mini- project	Industrial Oriented Mini-project/ Mini-project
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 under graduate 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 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 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 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 4 credits, 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**' must be clearly indicated, which needs the specific approval and signature of the faculty advisor/ counselor.
- 4.6 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.
- 4.7 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 unforeseen 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 the **first 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. However, the student cannot opt for an open elective subject offered by his own (parent) department, if it is already listed under any category of the subjects offered by parent department in any semester.

**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 typical section (or class) strength for each semester shall be 60.

**5.2** A subject/ course may be offered to the students, **only if** a minimum of 20 students (1/3 of the section strength) opt for it. The maximum strength of a section is limited to 80 (60 + 1/3 of the section strength).

**5.3** 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).

**5.4** 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**.

**5.5** 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 (excluding 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 fortnightly upload of attendance to the University.**

**The attendance of Mandatory Non-Credit courses should be uploaded separately to the University.**

- 6.2** Shortage of attendance in aggregate up to 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. 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% (26 marks out of 75 marks) in the semester end examination, 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 Industrial Oriented Mini Project/Summer Internship and 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 Industrial Oriented Mini Project/Summer Internship, or does not make a presentation of the same before the evaluation committee as per schedule, or (ii) does not present the seminar as required in the IV year I Semester, or (iii) secures less than 40% marks in Industrial Oriented Mini Project/Summer Internship and seminar 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

<b>S. No.</b>	<b>Promotion</b>	<b>Conditions to be fulfilled</b>
<b>1</b>	<b>First year first semester to first year second semester</b>	<b>Regular course of study of first year first semester.</b>
<b>2</b>	<b>First year second semester to second year first semester</b>	<b>(i) Regular course of study of first year second semester. (ii) Must have secured at least 18 credits out of 37 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.</b>
<b>3.</b>	<b>Second year first semester to second year second semester</b>	<b>Regular course of study of second year first semester.</b>
<b>4</b>	<b>Second year second semester to third year first semester</b>	<b>(i) Regular course of study of second year second semester. (ii) Must have secured at least 47 credits out of 79 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.</b>
<b>5</b>	<b>Third year first semester to third year second semester</b>	<b>Regular course of study of third year first semester.</b>
<b>6</b>	<b>Third year second semester to fourth year first semester</b>	<b>(i) Regular course of study of third year second semester. (ii) Must have secured at least 73 credits out of 123 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.</b>
<b>7</b>	<b>Fourth year first semester to fourth year second semester</b>	<b>Regular course of study of fourth year first semester.</b>

- 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 (at the end of each successive semester)  $\geq 5.0$ , (iv) **passes all the mandatory courses**, to successfully complete the under graduate programme. The performance of the student in these 160 credits shall be taken into account for the calculation of ‘the final CGPA (at the end of under graduate programme), and shall be indicated in the grade card 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 taken into account 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 as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations 6 and 7.1 – 7.4 above.
- 7.6 A student eligible to appear in the end semester 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 readmitted shall be applicable. However, 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 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 25 marks allotted for CIE (Continuous Internal Evaluation) and 75 marks for SEE (Semester End-Examination).
- 8.2 For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper is set with 20 multiple choice, fill-



in the blanks and matching type of questions for a total of 10 marks. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 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 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 total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the University. The details of the end semester question paper pattern are as follows:

**8.2.1** The end semester examinations will be conducted for 75 marks consisting of two parts viz. i) **Part- A** for 25 marks, ii) **Part - B** for 50 marks.

- Part-A is a compulsory question consisting of ten sub-questions. The first five sub-questions are from each unit and carry 2 marks each. The next five sub-questions are one from each unit and carry 3 marks each.
- Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from one 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.

**8.2.2** For subjects like **Engineering Graphics/Engineering Drawing** there shall be five questions in the semester end examination. 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. There shall be no Part – A, and Part – B system.

**8.2.3** For subjects like **Machine Drawing Practice/Machine Drawing**, the distribution shall be 25 marks for continuous internal evaluation (15 marks for day-to-day work and 10 marks for internal tests) and 75 marks for semester end examination. There shall be two internal tests in a semester and the average of the two shall be considered for the award of marks for internal tests. SEE will be conducted for 75 marks consisting of two parts viz. (i) Part – A for 30 marks, (ii) Part – B for 45 marks. Part – B is compulsory. Choice may be given in Part – A.

**8.2.4** For the Subject **Estimation, Costing and Project Management**, the semester end examination paper should consist of Part- A, Part-B and Part C. Part – A consists of two questions in detailed estimation of buildings out of which one question must be answered. Part – B consists of two questions in estimation of steel and earthwork out of which one question must be answered. Part – C consists of five questions in the

remaining units out of which three should be answered. Weightage for Part – A is 40%, Part-B is 20% and Part C - 40%.

- 8.2.5** For subjects **Structural Engineering – I & II (RCC & STEEL)**, the end semester examination will be conducted for 75 marks consisting of 2 parts viz. (i) Part – A for 15 marks and, (i) Part – B for 60 marks. Part – A is a compulsory question consisting of ten sub-questions. The first five sub-questions are from each unit relating to design theory and codal provisions and carry 2 marks each. The next five sub-questions are from each unit and carry 1 mark each. Part – B consists of 5 questions (numbered 2 to 6) carrying 10 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there is either or choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
- 8.3** For practical subjects there shall be a continuous internal evaluation during the semester for 25 marks and 75 marks for semester end examination. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University.
- 8.4** For the subject having design and/or drawing, (such as engineering graphics, engineering drawing, machine drawing, machine drawing practice and estimation), the distribution shall be 25 marks for continuous internal evaluation (15 marks for day-to-day work and 10 marks for internal tests) and 75 marks for semester end examination. There shall be two internal tests in a semester and the average of the two shall be considered for the award of marks for internal tests.
- 8.5** There shall be an Industrial Oriented Mini Project/Summer Internship, in collaboration with an industry of their specialization. Students will register for this immediately after III year II semester examinations and pursue it during summer vacation. Industrial Oriented Mini Project/Summer Internship shall be submitted in a report form and presented before the committee in IV year I semester. It shall be evaluated for 100 external marks. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer Internship and a senior faculty member of the department. There shall be no internal marks for Industrial Oriented Mini Project/Summer Internship.
- 8.6** There shall be a seminar presentation in IV year I semester. For the seminar, the student shall collect the information on a specialized topic, prepare a technical report, and submit it to the department. It shall be evaluated by the departmental committee consisting of Head of the Department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 100 internal marks. There shall be no semester end examination for the seminar.

**8.7** UG project work shall be carried out in two stages: Project Stage – I during IV Year I Semester, Project Stage – II during IV Year II Semester. Each stage will be evaluated for 100 marks. Student has to submit project work report at the end of each semester. First report includes project work carried out in IV Year I semester and second report includes project work carried out in IV Year I & II Semesters. SEE for both project stages shall be completed before the 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 evaluate the project work for 75 marks and project supervisor shall evaluate for 25 marks. The student is deemed to have failed, if he (i) 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, or (ii) secures less than 40% marks in the sum total of the CIE and SEE taken together.

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 75 marks and the project supervisor shall evaluate it for 25 marks. The topics for industrial oriented mini project, seminar and Project Stage – I shall be different from one another. The student is deemed to have failed, if he (i) does not submit a report on Project Stage - II, or does not make a presentation of the same before the external examiner as per schedule, or (ii) secures less than 40% marks in the sum total of the CIE and SEE taken together.

For conducting viva-voce of project stage – II, 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** The laboratory marks and the internal marks awarded by the college are subject to scrutiny and scaling by the University wherever necessary. In such cases, the internal and laboratory marks awarded by the college will be referred to a committee. The committee will arrive at a scaling factor and the marks will be scaled accordingly. The recommendations of the committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective institutions as per the University rules and produced before the committees of the University as and when asked for.

**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 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, seminar, Industry Oriented Mini Project, and project Stage - I & II. 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

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

where ‘i’ is the subject indicator index (takes 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.

**9.9** 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 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

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

**(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  $j^{\text{th}}$  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, 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 above illustrated calculation process of CGPA will be followed for each subsequent semester until 8<sup>th</sup> semester. The CGPA obtained at the end of 8th 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** For calculations listed in regulations 9.6 to 9.9, performance in failed subjects/ courses (securing **F** grade) will also be taken into account, and the credits of such subjects/ courses will also be included in the multiplications and summations. After passing the failed subject(s) newly secured letter grades will be taken into account for calculation of SGPA and CGPA. However, mandatory courses will not be taken into consideration.

**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.**

#### **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  $SGPA \geq 5.00$  at the end of that particular semester); and he shall be declared successful or ‘passed’ in the entire under graduate programme, only when gets a  $CGPA \geq 5.00$  for the award of the degree as required.

**10.2** After the completion of each semester, a grade card or grade sheet (or transcript) 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.), credits earned.

#### **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 chosen 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 under graduate programme)  $\geq 8.00$ , 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 have secured a CGPA  $\geq 8.00$ , at the end of each of the 8 sequential semesters, starting from I year I semester onwards.
- (iii) Should not have been detained or prevented from writing the end semester 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 under graduate programme)  $\geq 6.50$  but  $< 8.00$  shall be placed in '**first class**'.

**12.5** Students with final CGPA (at the end of the under graduate programme)  $\geq 5.50$  but  $< 6.50$ , 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 under graduate programme)  $\geq 5.00$  but  $< 5.50$ , shall be placed in '**pass class**'.

**12.7** A student with final CGPA (at the end of the under graduate 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**'.

### **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 Student transfers**

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

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

**14.3** 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.

**14.4** 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 (internal marks) in the **equivalent subject(s)** as per the clearance letter issued by the University.

**14.5** 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.

#### **15.0 Scope**

**15.1** The academic regulations should be read as a whole, for the purpose of any interpretation.

**15.2** In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.

**15.3** 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.



**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 2019-20**

**1. Eligibility for 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 123 credits and secure 123 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 25 credits out of 42 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 51 credits out of 86 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).**

### **MALPRACTICES RULES**

#### **DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	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 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.

	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.	
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 centre from one college to another college for a specific period of not less than one year.

\* \* \* \* \*



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by State Act No. 30 of 2008)

Kukatpally, Hyderabad, Telangana (India).

## **ACADEMIC REGULATIONS FOR B.TECH. REGULAR STUDENTS**

### **WITH EFFECT FROM**

### **ACADEMIC YEAR 2016-17 (R-16)**

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

**1.1** 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 2016-17 in the following branches of Engineering:

<b>Branch</b>
Civil Engineering
Electrical and Electronics Engineering
Mechanical Engineering
Electronics and Communication Engineering
Computer Science and Engineering
Chemical Engineering
Electronics and Instrumentation Engineering
Bio-Medical Engineering
Information Technology
Mechanical Engineering (Mechatronics)
Electronics and Telematics Engineering
Metallurgy and Material Technology
Electronics and Computer Engineering
Mechanical Engineering (Production)
Aeronautical Engineering
Instrumentation and Control Engineering
Biotechnology
Automobile Engineering
Mining Engineering
Petroleum Engineering
Civil and Environmental Engineering
Mechanical Engineering (Nano Technology)
Computer Science & Technology
Pharmaceutical Engineering

## **2.0 Eligibility for admission**

**2.1** Admission to the under graduate 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 under graduate programme in E&T will be **English** only.

## **3.0 B.Tech. Programme structure**

**3.1** A student after securing admission shall pursue the under graduate programme in B.Tech. 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 semester is structured to provide 24 credits, totaling to 192 credits for the entire B.Tech. programme.

Each student shall secure 192 credits (with CGPA  $\geq 5$ ) required for the completion of the under graduate 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**

Each under graduate programme is of 4 academic years (8 semesters) with the academic year being divided into two semesters of 22 weeks ( $\geq 90$  instructional days) each, each semester having - 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) as indicated by UGC and curriculum / course structure as 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.
- One credit for two hours/ week/ semester for laboratory/ practical (P) courses or Tutorials (T).



Courses like Environmental Science, Professional Ethics, Gender Sensitization lab and other student activities like NCC/NSO and NSS are identified as mandatory courses. These courses will not carry any credits.

### 3.2.3 Subject Course Classification

All subjects/ courses offered for the under graduate 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
8		Industrial training/ Mini- project	Industrial training/ Internship/ UG Mini-project/ Mini-project
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 15 students, who will advise student about the under graduate 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 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 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 Head of the Department, faculty advisor/ counselor and the student.
- 4.4 A student may be permitted to register for the subjects/ courses of **choice** with a total of 24 credits per semester (minimum of 20 credits and maximum of 28 credits per semester and permitted deviation of  $\pm 17\%$ ), 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. However, a **minimum** of 20 credits per semester must be registered to ensure the '**studentship**' in any semester.
- 4.5 Choice for '**additional subjects/ courses**' to reach the maximum permissible limit of 28 credits (above the typical 24 credit norm) must be clearly indicated, which needs the specific approval and signature of the faculty advisor/ counselor.
- 4.6 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.
- 4.7 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 unforeseen 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 the **first 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 (subject to retaining a minimum of 20 credits), **‘within a period of 15 days’** from the beginning of the current semester.
- 4.9** **Open electives:** The students have to choose one open elective (OE-I) during III year I semester, one (OE-II) during III year II semester, and one (OE-III) in IV year II semester, from the list of open electives given. However, the student cannot opt for an open elective subject offered by their own (parent) department, if it is already listed under any category of the subjects offered by parent department in any semester.
- 4.10** **Professional electives:** students have to choose professional elective (PE-I) in III year II semester, Professional electives II, III, and IV (PE-II, III and IV) in IV year I semester, Professional electives V, and VI (PE-V and VI) in IV year II semester, from the list of professional electives given. However, the students may opt for professional elective subjects offered in the related area.
- 5.0** **Subjects/ courses to be offered**
- 5.1** A typical section (or class) strength for each semester shall be 60.
- 5.2** A subject/ course may be offered to the students, **only if** a minimum of 20 students (1/3 of the section strength) opt for it. The maximum strength of a section is limited to 80 (60 + 1/3 of the section strength).
- 5.3** 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).
- 5.4** If more entries for registration of a subject come into picture, then the Head of Department concerned shall decide, whether or not to offer such a subject/ course for **two (or multiple) sections**.
- 5.5** 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 student acquires a minimum of 75% of attendance in aggregate of all the subjects/ courses (excluding attendance in mandatory courses Environmental Science, Professional Ethics, Gender Sensitization Lab, NCC/NSO and NSS) for that semester.

- 6.2** Shortage of attendance in aggregate up to 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 towards 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. They will not be promoted to the next semester.** They may seek re-registration for all those subjects registered in that semester in which student was detained, by seeking re-admission into that semester as and when offered; in case 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% marks (26 out of 75 marks) in the semester end examination, and a minimum of 40% of 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 UG Mini Project and seminar, if student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in each of them. The student would be treated as failed, if student (i) does not submit a report on UG Mini Project, or does not make a presentation of the same before the evaluation committee as per schedule, or (ii) does not present the seminar as required in the IV year I Semester, or (iii) secures less than 40% marks in industry UG Mini Project / seminar evaluations.

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

## **7.3 Promotion Rules**

<b>S. No.</b>	<b>Promotion</b>	<b>Conditions to be fulfilled</b>
<b>1</b>	<b>First year first semester to first year second semester</b>	<b>Regular course of study of first year first semester.</b>
<b>2</b>	<b>First year second semester to second year first semester</b>	<b>(i) Regular course of study of first year second semester.  (ii) Must have secured at least 24 credits out of 48 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.</b>
<b>3.</b>	<b>Second year first semester to second year second semester</b>	<b>Regular course of study of second year first semester.</b>
<b>4</b>	<b>Second year second semester to third year first semester</b>	<b>(i) Regular course of study of second year second semester.  (ii) Must have secured at least 58 credits out of 96 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.</b>
<b>5</b>	<b>Third year first semester to third year second semester</b>	<b>Regular course of study of third year first semester.</b>
<b>6</b>	<b>Third year second semester to fourth year first semester</b>	<b>(i) Regular course of study of third year second semester.  (ii) Must have secured at least 86 credits out of 144 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.</b>
<b>7</b>	<b>Fourth year first semester to fourth year second semester</b>	<b>Regular course of study of fourth year first semester.</b>

**7.4** A student shall register for all subjects covering 192 credits as specified and listed in the course structure, fulfills all the attendance and academic requirements for 192 credits,

'earn all 192 credits by securing SGPA  $\geq 5.0$  (in each semester), and CGPA (at the end of each successive semester)  $\geq 5.0$ , to successfully complete the under graduate programme.

- 7.5** After securing the necessary 192 credits as specified for the successful completion of the entire under graduate programme, the student can avail exemption of two subjects up to 6 credits, that is, one open elective and one professional elective subject or two professional elective subjects for optional drop out from these 192 credits earned; resulting in 186 credits for under graduate programme performance evaluation, i.e., the performance of the student in these 186 credits shall alone be taken into account for the calculation of 'the final CGPA (at the end of under graduate programme, which takes the SGPA of the IV year II semester into account)', and shall be indicated in the grade card of IV year II semester. However, the performance of student in the earlier individual semesters, with the corresponding SGPA and CGPA for which grade cards have already been given will not be altered.
- 7.6** If a student registers for some more '**extra subjects**' (in the parent department or other departments/branches of engg.) other than those listed subjects totaling to 192 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 192 credits) will not be taken into account while calculating the SGPA and CGPA. For such '**extra subjects**' registered, % of marks and letter grade alone will be indicated in the grade card as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations 6 and 7.1 – 7.5 above.
- 7.7** A student eligible to appear in the end semester 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.
- 7.8** A student **detained in a semester due to shortage of attendance may be re-admitted when the same semester is offered in the next academic year for fulfillment of academic requirements.** The academic regulations under which student has been readmitted shall be applicable. However, no grade allotments or SGPA/ CGPA calculations will be done for the entire semester in which student has been detained.
- 7.9** A student detained **due to lack of credits, shall be promoted to the next academic year only after acquiring the required academic credits.** The academic regulations under which 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 UG major project) will be evaluated for 100 marks each, with 25 marks allotted for CIE (Continuous Internal Evaluation) and 75 marks for SEE (Semester End-Examination).
- 8.2** For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper is set with 20 bits of multiple choice, fill-in the blanks and matching type of questions for a total of 10 marks. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 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 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-examination, and the second assignment should be submitted before the conduct of the second mid-examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in internals/sessionals. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the university. The details of the question paper pattern are as follows,
- The end semester examinations will be conducted for 75 marks consisting of two parts viz. i) **Part- A** for 25 marks, ii) **Part - B** for 50 marks.
  - Part-A is compulsory question which consists of ten sub-questions. The first five sub-questions are from each unit and carry 2 marks each. The next five sub-questions are one from each unit and carry 3 marks each.
  - Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from one 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.
- 8.3** For practical subjects there shall be a continuous internal evaluation during the semester for 25 sessional marks and 75 semester end examination marks. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed

from the clusters of colleges which are decided by the examination branch of the university.

- 8.4** For the subject having design and/or drawing, (such as engineering graphics, engineering drawing, machine drawing) and estimation, the distribution shall be 25 marks for continuous internal evaluation (15 marks for day-to-day work and 10 marks for internal tests) and 75 marks for semester end examination. There shall be two internal tests in a semester and the average of the two shall be considered for the award of marks for internal tests.
- 8.5** There shall be an UG mini-project, in collaboration with an industry of their specialization. Students will register for this immediately after III year II semester examinations and pursue it during summer vacation. The UG mini-project shall be submitted in a report form and presented before the committee in IV year I semester. It shall be evaluated for 100 marks. The committee consists of an external examiner, Head of the Department, supervisor of the UG mini-project and a senior faculty member of the department. There shall be no internal marks for UG mini-project.
- 8.6** There shall be a seminar presentation in IV year I semester. For the seminar, the student shall collect the information on a specialized topic, prepare a technical report, and submit it to the department. It shall be evaluated by the departmental committee consisting of Head of the Department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 100 marks. There shall be no semester end examination for the seminar.
- 8.7** Out of a total of 100 marks for the UG major Project, 25 marks shall be allotted for internal evaluation and 75 marks for the end semester examination (viva voce). The end semester examination of the UG major Project shall be conducted by the same committee as appointed for the UG mini-project. In addition, the UG major Project supervisor shall also be included in the committee. The topics for UG mini project, seminar and UG major Project shall be different from one another. The evaluation of UG major Project shall be made at the end of IV year II semester. The internal evaluation shall be on the basis of two seminars given by each student on the topic of UG major Project.
- 8.8** The laboratory marks and the sessional marks awarded by the college are subject to scrutiny and scaling by the university wherever necessary. In such cases, the sessional and laboratory marks awarded by the college will be referred to a committee. The committee will arrive at a scaling factor and the marks will be scaled accordingly. The recommendations of the committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective institutions as per the university rules and produced before the committees of the university as and when asked for.



**8.9** For mandatory courses Environmental Science, Professional Ethics and gender sensitization lab, 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.

**8.10** For mandatory courses NCC/ NSO and NSS, a ‘satisfactory participation certificate’ shall be issued to the student from the authorities concerned, only after securing  $\geq 65\%$  attendance in such a course.

**8.11** No marks or letter grade shall be allotted for all mandatory/non-credit courses.

## **9.0 Grading procedure**

**9.1** Marks will be awarded to indicate the performance of student in each theory subject, laboratory / practicals, seminar, UG mini project, UG major project. 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 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 obtaining ‘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** A student who has not appeared for examination in any subject, ‘**Ab**’ grade will be allocated in that subject, and student shall be considered ‘**failed**’. Student will be required to reappear as a ‘supplementary student’ in the semester end examination, as and when offered.
- 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** The 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

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

where ‘i’ is the subject indicator index (takes 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.

- 9.9** 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 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

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

**(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  $j^{\text{th}}$

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, 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

$$\text{SGPA} = 152/21 = 7.23$$

**Illustration of calculation of CGPA:**

Semester	Credits	SGPA	Credits x SGPA
Semester I	24	7	24 x 7 = 168
Semester II	24	6	24 x 6 = 144
Semester III	24	6.5	24 x 6.5 = 156
Semester IV	24	6	24 x 6 = 144
Semester V	24	7.5	24 x 7.5 = 180
Semester VI	24	8	24 x 8 = 192
Semester VII	24	8.5	24 x 8.5 = 204
Semester VIII	24	8	24 x 8 = 192
	192		1380

$$\text{CGPA} = 1380/192 = 7.18$$

- 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** For calculations listed in regulations 9.6 to 9.9, performance in failed subjects/ courses (securing **F** grade) will also be taken into account, and the credits of such subjects/ courses will also be included in the multiplications and summations. After passing the failed subject(s) newly secured letter grades will be taken into account for calculation of SGPA and CGPA. 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 student secures a GP  $\geq$  5 ('C' grade or above) in every subject/course in that semester (i.e. when student gets an SGPA  $\geq$  5.00 at the end of that particular semester); and a student shall be declared successful or 'passed' in the entire under graduate programme, only when gets a CGPA  $\geq$  5.00 for the award of the degree as required.
- 10.2 After the completion of each semester, a grade card or grade sheet (or transcript) 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, and grade earned etc.), credits earned, SGPA, and CGPA.

## 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 192 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 the B.Tech. degree in the chosen branch of Engineering as 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 Students with final CGPA (at the end of the under graduate programme)  $\geq$  8.00, and fulfilling the following conditions -
- (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 have secured a CGPA  $\geq$  8.00, at the end of each of the 8 sequential semesters, starting from I year I semester onwards.
  - (iii) Should not have been detained or prevented from writing the end semester examinations in any semester due to shortage of attendance or any other reason, shall be placed in '**first class with distinction**'.
- 12.4 Students with final CGPA (at the end of the under graduate programme)  $\geq$  6.50 but  $<$  8.00, shall be placed in '**first class**'.

**12.5** Students with final CGPA (at the end of the under graduate programme)  $\geq 5.50$  but  $< 6.50$ , 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 under graduate programme)  $\geq 5.00$  but  $< 5.50$ , shall be placed in '**pass class**'.

**12.7** A student with final CGPA (at the end of the under graduate 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 '**university rank**' and '**gold medal**'.

### **13.0 Withholding of results**

**13.1** If the student has not paid the fees to the university/ college 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 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 I year of R09/R13/R15 Regulations due to lack of attendance, shall be permitted to join I year I Semester of R16 Regulations and he is required to complete the study of B.Tech./B. Pharmacy programme within the stipulated period of eight academic years from the date of first admission in I Year.
2. A student who has been detained in any semester of II, III and IV years of R09/R13/R15 regulations for want of attendance, shall be permitted to join the corresponding semester of R16 regulations and is required to complete the study of B.Tech./B. Pharmacy within the stipulated period of eight academic years from the date of first admission in I Year. The R16 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:**

3. A student of R09/R13/R15 Regulations who has been detained due to lack of credits, shall be promoted to the next semester of R16 Regulations only after acquiring the required credits as per the corresponding regulations of his/her first admission. The student is required to complete the study of B.Tech./B. Pharmacy within the stipulated period of eight academic years from the year of first admission. The R16 Academic Regulations are applicable to a student from the year of readmission onwards.

See rule (C) for further Transitory Regulations.

**C. For readmitted students in R16 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 R16 Regulations. The performance evaluation of the student will be done after the exemption of two subjects if total credits acquired are  $\leq 206$ , three subjects if total credits acquired are  $> 206$  (see R16 Regulations for exemption details).
6. If a student readmitted to R16 Regulations, has any subject with 80% of syllabus common with his/her previous regulations, that particular subject in R16 Regulations will be substituted by another subject to be suggested by the University.

**Note:** If a student readmitted to R16 Regulations, has not studied any subjects/topics in his/her earlier regulations of study which is prerequisite for further subjects in R16 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 to be provide one chance to write the CBT (internal marks) in the **failed subjects and/or subjects not studied** 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 **failed subjects and/or subjects not studied**, 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.



## 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 2017-18

#### 1. Eligibility for 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 144 credits and secure 144 credits with CGPA  $\geq 5$  from II year to IV year B.Tech. programme (LES) for the award of B.Tech. degree. **Out of the 144 credits secured, the student can avail exemption up to 6 credits**, that is, one open elective subject and one professional elective subject or two professional elective subjects resulting in 138 credits for B.Tech programme performance evaluation.

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 29 credits out of 48 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 58 credits out of 96 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).**

### **MALPRACTICES RULES**

#### **DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	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 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

	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.	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 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.	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 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.	Student of the colleges 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 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 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 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 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 centre from the college to another college for a specific period of not less than one year.

\* \* \* \* \*



**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, 2019-20 (R19)**  
**(CBCS)**  
**(Effective for the students admitted into I year from the Academic Year 2019-20 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 Programmes 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 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.

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

**3.3.1 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.

**3.3.2 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 (**Audit Courses**) will not carry any credits.

### 3.3.3 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 fortnightly upload of attendance to the University. 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(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(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 (30 out of 75 marks) in the End Semester Examination, 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 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** For the theory subjects 75 marks shall be awarded for the performance in the Semester End Examination and 25 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. Each Mid-Term Examination shall be conducted for a total duration of 120 minutes with Part 'A' as compulsory consisting of 5 questions carrying 2 marks each (10 marks), and Part 'B' with 3 questions to be answered out of 5 questions, each question carrying 5 marks (15 marks). The details of the Question Paper pattern for Semester End Examination (Theory) are given below:

- The Semester End Examination will be conducted for 75 marks. It consists of two parts.  
i) Part A for 25 marks, ii) Part B for 50 marks.
- Part A is compulsory and consists of 5 questions, one from each unit and carrying 5 marks each.
- Part B consists of 5 questions carrying 10 marks each. There will be two questions from each unit and only one should be answered.

**7.2** For practical subjects, 75 marks shall be awarded for performance in the Semester End Examinations and 25 marks shall be awarded for day-to-day performance as Internal Marks.

**7.3** 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.

**7.4** 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.
- 7.5** Every candidate shall be required to submit a dissertation on a topic approved by the Dissertation Review Committee.
- 7.6** 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.
- 7.7** 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.
- 7.8** After satisfying 7.7, 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.
- 7.9** 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.
- 7.10** A candidate shall submit his Dissertation progress report in two stages at least with a gap of **three** months between them.
- 7.11** 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.
- 7.12** The Dissertation Work Review - II in II Year I Sem. carries internal marks of 100. 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.
- 7.13** 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 Sem. 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.
- 7.14** 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).
- 7.15** 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.
- 7.16** 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.
- 7.17** 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.
- 7.18** 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.
- 7.19** If the report of the examiner is satisfactory, the Head of the Department shall coordinate and make arrangements 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.
- 7.20** If he fails to fulfill the requirements as specified in 7.19, 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).
- 7.21** The Dissertation Viva-Voce External examination marks must be submitted to the University on the day of the examination.



**7.22** For mandatory(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.

**7.23** No marks or letter grades shall be allotted for mandatory(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 one chance to re-register and attend the classes for a maximum of two subjects, if the internal marks secured by a candidate are less than 50% 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 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+ (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 ≥ 6 (B Grade or above)**.
- 9.9 The Semester Grade Point Average (SGPA) is calculated by dividing the Sum of Credit Points ( $\sum CP$ ) 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

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

**(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  $j^{\text{th}}$  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
Course 1	4	A	8	$4 \times 8 = 32$
Course 2	4	O	10	$4 \times 10 = 40$
Course 3	4	B	6	$4 \times 6 = 24$
Course 4	3	B	6	$3 \times 6 = 18$
Course 5	3	A+	9	$3 \times 9 = 27$
Course 6	3	B	6	$3 \times 6 = 18$
	21			159

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

#### Illustration of calculation of CGPA

Semester	Credits	SGPA	Credits * SGPA
Semester I	24	7	$24 \times 7 = 168$
Semester II	24	6	$24 \times 6 = 144$
Semester III	24	6.5	$24 \times 6.5 = 156$
Semester IV	24	6	$24 \times 6 = 144$
	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 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.

**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 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	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already





	answer book or additional sheet, during or after the examination.	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.	Incase 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



# 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, 2017- (R17) (CBCS) (Effective for the students admitted into I year from the Academic Year 2017-18 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 (PGE CET) 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**

**3.1.1** The M.Tech Programmes 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.

**3.1.2** 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.

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

#### **3.2.1 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 'Seminar', or 'Comprehensive Viva', or 'Project', or 'Technical Paper Writing' as the case may be.

### 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
- 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 identified mandatory courses, if any, will not carry credits.

### 3.2.3 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	Credits
1	Core Courses (CoC)	PC- Professional Core	Includes subjects related to the parent discipline/department/branch of Engineering	28
		Project Work	M.Tech Project or PG Project or Major Project	32
		Seminar, Technical Paper Writing	Seminar/Colloquium based on core contents related to parent discipline/department/branch of Engineering	04+02 06
		Comprehensive Viva-Voce	Viva-voce covering all the PG subjects studied during the course work and related aspects	04
2	Elective Courses (EIE)	PE - Professional Electives	Includes elective subjects related to the parent discipline/department/branch of Engineering	12
		OE - Open Electives	Elective subjects which include inter-disciplinary subjects or subjects in an area outside the parent discipline/department/branch of Engineering	06
<b>Total number of Credits</b>				<b>88</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 on the basis of a unit system with each subject being considered a unit.

- 5.1 Attendance in all classes (Lectures/Laboratories/Seminar/Project Work) 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 A student's seminar report and seminar presentation will be eligible for evaluation, only if he ensures a minimum of 75% of his attendance in seminar presentation classes 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 of a semester shall be granted by the College Academic Committee.
- 5.4 Shortage of Attendance below 65% in any subject shall in **no case be condoned**.



- 5.5 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 End Semester 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.
- 5.6 A student fulfills the attendance requirement in the present semester, shall not be eligible for readmission into the same class.
- 5.7 A prescribed fee per subject shall be payable for condoning shortage of attendance.
- 5.8 A student shall put in a minimum required attendance in at least three theory subjects in I Year I semester for promotion to I Year II 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 / practical), on the basis of Internal Evaluation and End Semester 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 (30 out of 75 marks) in the End Semester Examination, 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 (i) does not attend the comprehensive viva-voce as per the schedule given, or (ii) does not present the seminar as required, or (iii) does not present the Technical Paper Writing as required. In such a case, he may reappear for comprehensive viva-voce in supplementary examinations and for seminar/ technical paper writing, in the subsequent semesters, as and when scheduled.
- 6.3 A student shall register for all subjects for total of 88 credits as specified and listed in the course structure for the chosen specialization, put in required the attendance and fulfill the academic requirements for securing 88 credits obtaining a minimum of 'B' Grade or above in each subject, and all 88 credits securing **SGPA  $\geq 6.0$**  (in each semester) and final CGPA (i.e., **CGPA at the end of PGP  $\geq 6.0$** ), to complete the PGP successfully.

**Note: (1) The Semester Grade Point Average (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 88 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 88 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 88 credits) will not be taken into account 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 - 6.4.
- 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 88 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. The M.Tech. project work (major project) will also be evaluated for 100 marks.

- 7.1** For the theory subjects 75 marks shall be awarded for the performance in the Semester End Examination and 25 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, one in the middle of the Semester and the other, immediately after the completion of Semester instruction. Each Mid-Term Examination shall be conducted for a total duration of 120 minutes with Part 'A' as compulsory consisting of 5 questions carrying 2 marks each (10 marks), and Part 'B' with 3 questions to be answered out of 5 questions, each question carrying 5 marks (15 marks). The details of the Question Paper pattern for Semester End Examination (Theory) are given below:

- The Semester End Examination will be conducted for 75 marks. It consists of two parts. i).Part A for 25 marks, ii). Part B for 50 marks.
- Part A is compulsory and consists of 5 questions, one from each unit and carrying 5 marks each.



- Part B consists of 5 questions carrying 10 marks each. There will be two questions from each unit and only one should be answered.
- 7.2 For practical subjects, 75 marks shall be awarded for performance in the Semester End Examinations and 25 marks shall be awarded for day-to-day performance as Internal Marks.
- 7.3 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 for 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.
- 7.4 There shall be two seminar presentations during I year I semester and II semester respectively. For seminar, a student shall collect the literature on the advanced topic in relevant fields and critically review the literature and submit it to the department in a form of report and shall make an oral presentation before the Department Academic Committee consisting of Head of the Department, seminar coordinator and two other senior faculty members of the department. For each Seminar there will be only internal evaluation for 100 marks. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum mark, he has to reappear for the seminar during the supplementary examinations. The word 'Seminar' implies presentation of Technical Report, presentation/ discussion on the state of Art of Technology.
- 7.5 Technical Paper Writing shall cover concepts of abstract, introduction, material and methods, conclusion, references, acknowledgement etc of advanced topics in a branch of Engineering through the medium of attending seminars/ referring to peer reviewed journals, which will enhance the skill of writing technical reports. The students shall not be required to give oral presentation of technical paper. The report shall be presented as a printed document for evaluation. Evaluation shall be made solely by the teacher, but may be moderated by committees appointed by the Head of the Department as per Institute rules.
- 7.6 There shall be a Comprehensive Viva-Voce in II year I Semester. The Comprehensive Viva-Voce is intended to assess the student's understanding of various subjects he has studied during the M.Tech. course of study. The Head of the Department shall be associated with the conduct of the Comprehensive Viva-Voce through a Committee. The Committee shall consist of Head of the Department, one senior faculty member and an external examiner. The external examiner shall be appointed by the Principal of the college concerned and this is to be informed to the Director of Evaluation within two weeks. There are no internal marks for the Comprehensive Viva-Voce and it is evaluated for a maximum of 100 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 viva-voce during the supplementary examinations.
- 7.7 Every candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee.
- 7.8 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 M. Tech. programme.





- 7.9 Registration of Project Work: A candidate is permitted to register for the project work after satisfying the attendance requirement in all the subjects, both theory and practicals.
- 7.10 After satisfying 7.9, a candidate has to present in Project Work Review-I, in consultation with his Project Supervisor, the title, objective and plan of action of his project work to the Project Work Review Committee (PRC) for approval within four weeks from the commencement of Second year First Semester. Only after obtaining the approval of the PRC can the student initiate the Project work.
- 7.11 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.
- 7.12 A candidate shall submit his project progress report in two stages at least with a gap of **three** months between them.
- 7.13 The work on the project shall be initiated at the beginning of the II year and the duration of the project is two semesters. A candidate is permitted to submit Project Thesis only after successful completion of all theory and practical courses with the approval of PRC not earlier than 40 weeks from the date of approval of the project work. 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.
- 7.14 The Project Work Review II in II Year I Sem. carries internal marks of 100. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate the work for the other 50 marks. The Supervisor and PRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey in the same domain and progress of the Project Work. A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review II. If he fails to obtain the minimum required marks, he has to reappear for Project Work Review-II as and when conducted.
- 7.15 The Project Work Review III in II Year II Sem. carries 100 internal marks. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate it for the other 50 marks. The PRC will examine the overall progress of the Project Work and decide whether or not the Project is eligible for final submission. A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review III. If he fails to obtain the required minimum marks, he has to reappear for Project Work Review-III as and when conducted. For Project Evaluation (Viva Voce) in II Year II Sem. 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 Project Evaluation (Viva-Voce) examination.
- 7.16 Project 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 Project Work Review II (Phase II) shall reappear for it at the time of Project Work Review III (Phase I). These students shall reappear for Project Work Review III in the next academic year at the time of Project Work Review II only after completion of Project Work Review II, and then Project Work Review III follows. The unsuccessful students in Project Work Review III (Phase II) shall reappear for Project Work Review III in the next academic year only at the time of Project Work Review II (Phase I).



- 7.17 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 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 Project Thesis certified by the supervisor shall be submitted to the College/School/Institute, after submission of a research paper related to the project 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 Chairperson of Board of Studies, with the help of 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 Project work 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 make arrangements for the conduct of Project Viva- Voce examination. The 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 Project Evaluation (Viva-Voce) examination.
- 7.22 If he fails to fulfill the requirements as specified in 7.21, he will reappear for the 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).
- 7.23 If the candidate's oral presentation is not satisfactory, the board may defer it and the candidate has to re-appear for the oral presentation before the same board for the award of degree.
- 7.24 The 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 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 3.1.

**8.3** A candidate shall be given one chance to re-register for a maximum of two subjects, if the internal marks secured by a candidate are less than 50% and failed in those subjects. A candidate must re-register for failed subjects within four weeks of commencement of the class work 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 Technical Paper Writing 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:

% of Marks Secured in a subject/Course (Class Intervals)	Letter Grade (UGC Guidelines)	Grade Points
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

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

where 'i' is the Subject indicator index (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

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

**(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  $j^{\text{th}}$  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
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

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

**9.11** For Calculations listed in Item 9.7 – 9.10, performance in failed Subjects/ Courses (securing F Grade) will also be taken into account, and the Credits of such Subjects/ Courses will also be included in the multiplications and summations.

### 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 **88** Credits (with 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. Transitory Regulations**

**12.1** Candidate detained due to shortage of attendance in one or more subjects is eligible for re-registration of maximum of two earlier or equivalent subjects at a time as and when conducted.

**12.2** The candidate who fails in any subject will be given two chances to pass the same subject; otherwise, he has to identify an equivalent subject as per R17 Academic Regulations.

### **13.0 General**

**13.1 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.

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

**13.3** Wherever the words “he”, “him”, “his”, occur in the regulations, they shall include “she”, “her”.

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

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

**13.6** 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.



**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 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	Incase 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.





	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.	
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 it 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



**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) 2019-20 (R19)**

**(Effective for the students admitted into I year from the Academic Year 2019-20 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 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.

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

**3.3.1 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.

**3.3.2 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 identified mandatory courses, if any, will not carry credits.

### 3.3.3 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 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 (30 out of 75 marks) in the End Semester Examination, 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 75 marks shall be awarded for the performance in the Semester End Examination and 25 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. Each Mid-Term Examination shall be conducted for a total duration of 120 minutes with Part 'A' as compulsory consisting of 5 questions carrying 2 marks each (10 marks), and Part 'B' with 3 questions to be answered out of 5 questions, each question carrying 5 marks (15 marks). The details of the Question Paper pattern for Semester End Examination (Theory) are given below:

- The Semester End Examination will be conducted for 75 marks. It consists of two parts.  
i) Part A for 25 marks, ii) Part B for 50 marks.
- Part A is compulsory and consists of 5 questions, one from each unit and carrying 5 marks each.
- Part B consists of 5 questions carrying 10 marks each. There will be two questions from each unit and only one should be answered.

- 7.2** For practical subjects, 75 marks shall be awarded for performance in the Semester End Examinations and 25 marks shall be awarded for day-to-day performance as Internal Marks.

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 3.2.
- 7.3** 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.
- 7.4** Every candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee.
- 7.5** 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.
- 7.6** 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.
- 7.7** After satisfying 7.6, 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 3.2. Pre-submission project seminar has to be conducted along with 1<sup>st</sup> and 2<sup>nd</sup> mid-term examinations.
- 7.8** 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.
- 7.9** 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.
- 7.10** 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.
- 7.11** Three copies of the Project Thesis certified by the supervisor shall be submitted to the College/School/Institute.
- 7.12** 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.

- 7.13** 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.
- 7.14** If the report of the external examiner is satisfactory, the Head of the Department shall coordinate and make arrangements 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 20 students. The Main Project Viva-Voce examination shall be conducted within one week after completion of the fourth semester end examinations.*
- 7.15** If he fails to fulfill the requirements as specified in 7.14, 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).
- 7.16** 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 one chance to re-register and attend the classes for a maximum of two subjects, if the internal marks secured by a candidate are less than 50% 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 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:





% of Marks Secured in a subject/Course (Class Intervals)	Letter Grade (UGC Guidelines)	Grade Points
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  $\geq 6$  (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

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

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  $i^{th}$  Subject, and  $G_i$  represents the Grade Points (GP) corresponding to the Letter Grade awarded for that  $i^{th}$  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

$$CGPA = \left\{ \sum_{i=1}^M C_i G_i \right\} / \left\{ \sum_{i=1}^M C_i \right\} \dots \text{for all S Semesters registered (ie., upto and inclusive of S Semesters, } S \geq 2),$$



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	$4 \times 8 = 32$
Course 2	4	O	10	$4 \times 10 = 40$
Course 3	4	B	6	$4 \times 6 = 24$
Course 4	3	B	6	$3 \times 6 = 18$
Course 5	3	A+	9	$3 \times 9 = 27$
Course 6	3	B	6	$3 \times 6 = 18$
	21			159

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

#### Illustration of calculation of CGPA

Semester	Credits	SGPA	Credits * SGPA
Semester I	24	7	$24 \times 7 = 168$
Semester II	24	6	$24 \times 6 = 144$
Semester III	24	6.5	$24 \times 6.5 = 156$
Semester IV	24	6	$24 \times 6 = 144$
	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 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.



**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	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



	after the examination.	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	Student of the colleges expulsion from the examination hall and cancellation of the



	any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	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



**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) 2017-18 (R17)**

(Effective for the students admitted into I year from the Academic Year 2017-18 and onwards)

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

**2.0 Eligibility for Admissions**

**2.1** Admission to the MBA shall be made subject to eligibility, qualification prescribed by the University from time to time, for MBA 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 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 (PGP in Management) Structure**

**3.1.1** 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.

**3.1.2** 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.

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

**3.2.1 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 'Comprehensive Viva', or 'Project' as the case may be.



### 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
- 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 identified mandatory courses, if any, will not carry credits.

### 3.2.3 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 parent discipline / department
		Project Work	MBA Project or PG Project or Major Project
		Seminar / Pre Submission of Project Work	Seminar/Colloquium based on core contents related to parent discipline/department
		Comprehensive Viva-Voce	Viva-voce covering all the PG subjects studied during the course work and related aspects
2	Elective Courses (EIE)	PE - Professional Electives	Includes elective subjects related to the parent discipline/department
		OE - Open Electives	Elective subjects which include inter-disciplinary subjects or subjects in an area outside the parent discipline/department
<b>Total number of Credits</b>			

### 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.

- 5.1 Attendance in all classes (Lectures/Laboratories/Seminar/Project Work) 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 A student's seminar report and seminar presentation will be eligible for evaluation, only if he ensures a minimum of 75% of his attendance in seminar presentation classes 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 of a semester shall be granted by the College Academic Committee.
- 5.4 Shortage of Attendance below 65% in any subject shall in **no case be condoned**.
- 5.5 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 End Semester 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.
- 5.6 A student fulfills the attendance requirement in the present semester, shall not be eligible for readmission into the same class.
- 5.7 A prescribed fee per subject shall be payable for condoning shortage of attendance.
- 5.8 A Candidate shall put in a minimum required attendance 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 and End Semester 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 (30 out of 75 marks) in the End Semester Examination, 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 (i) does not attend the comprehensive viva-voce as per the schedule given, or (ii) does not present the seminar as required. In such a case, he may reappear for comprehensive viva-voce in supplementary examinations and for seminar, in the subsequent semesters, as and when scheduled.
- 6.3** A student shall register for all subjects for total of 88 credits as specified and listed in the course structure for the chosen specialization, put in required the attendance and fulfill the academic requirements for securing 88 credits obtaining a minimum of 'B' Grade or above in each subject, and all 88 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)  $\geq 6.0$ , 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 88 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 88 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 88 credits) will not be taken into account 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 - 6.4.
- 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 88 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 (major project) will also be evaluated for 100 marks.

**7.1** For the theory subjects 75 marks shall be awarded for the performance in the Semester End Examination and 25 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, one in the middle of the Semester and the other, immediately after the completion of Semester instruction. Each Mid-Term Examination shall be conducted for a total duration of 120 minutes with Part 'A' as compulsory consisting of 5 questions carrying 2 marks each (10 marks), and Part 'B' with 3 questions to be answered out of 5 questions, each question carrying 5 marks (15 marks). The details of the Question Paper pattern for Semester End Examination (Theory) are given below:

- The Semester End Examination will be conducted for 75 marks. It consists of two parts. i).Part A for 25 marks, ii). Part B for 50 marks.
- Part A is compulsory and consists of 5 questions, one from each unit and carrying 5 marks each.
- Part B consists of 5 questions carrying 10 marks each. There will be two questions from each unit and only one should be answered.

**7.2** For practical subjects, 75 marks shall be awarded for performance in the Semester End Examinations and 25 marks shall be awarded for day-to-day performance as Internal Marks.

**7.3** 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.



- 7.4** There shall be one seminar presentations during II year II semester. For seminar, a student shall collect the literature on the advanced topic in relevant fields and critically review the literature and submit it to the department in a form of report and shall make an oral presentation before the Department Academic Committee consisting of Head of the Department, seminar coordinator and two other senior faculty members of the department. For each Seminar there will be only internal evaluation for 100 marks. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum mark, he has to reappear for the seminar during the supplementary examinations. The word 'Seminar' implies presentation of Technical Report, presentation/ discussion on the state of Art of Technology.
- 7.5** There shall be a Comprehensive Viva-Voce after completion of II Mid-term examinations of II year II Semester. The Comprehensive Viva-Voce is intended to assess the student's understanding of various subjects he has studied during the MBA course of study. The Head of the Department shall be associated with the conduct of the Comprehensive Viva-Voce through a Committee. The Committee shall consist of Head of the Department, one senior faculty member and an external examiner. The external examiner shall be appointed by the Principal of the college concerned and this is to be informed to the Director of Evaluation within two weeks. There are no internal marks for the Comprehensive Viva-Voce and it is evaluated for a maximum of 100 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 viva-voce during the supplementary examinations.
- 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 after satisfying the attendance requirement in all the subjects, both theory and practicals.
- 7.9** After satisfying 7.8, a candidate has to present in Project Work Review-I, in consultation with his Project Supervisor, the title, objective and plan of action of his project work to the Project Work Review Committee (PRC) for approval within two weeks from the commencement of Second year Second Semester. Only after obtaining the approval of the PRC can the student initiate the Project work.
- 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 shall submit his project progress report in Project Work Review-II.
- 7.12** The work on the project shall be initiated at the beginning of the II year II Semester and the duration of the project is one semester. A candidate is permitted to submit Project Thesis only after successful completion of all theory and practical courses with the approval of PRC not earlier than 20 weeks from the date of approval of the project work. 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.

- 7.13** The Project Work Review II in II Year II Sem. carries internal marks of 100. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate the work for the other 50 marks. The Supervisor and PRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey in the same domain and progress of the Project Work. A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review II. The unsuccessful students in Project Work Review-II may reappear for it once in every three months subject to item 3.1.2.
- 7.14** 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 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.
- 7.15** Three copies of the Project Thesis certified by the supervisor shall be submitted to the College/School/Institute, after submission of a research paper related to the project work in a UGC approved journal. A copy of the submitted research paper shall be attached to thesis.
- 7.16** 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 Chairperson of Board of Studies, with the help of the supervisor concerned and Head of the Department.
- 7.17** 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 work Review Committee. No further correspondence in this matter will be entertained, if there is no specific recommendation for resubmission.
- 7.18** If the report of the examiner is satisfactory, the Head of the Department shall coordinate and make arrangements for the conduct of Project Viva- Voce examination. The 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 Project Evaluation (Viva-Voce) examination.
- 7.19** If he fails to fulfill the requirements as specified in 7.18, he will reappear for the 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).
- 7.22** If the candidate's oral presentation is not satisfactory, the board may defer it and the candidate has to re-appear for the oral presentation before the same board for the award of degree.



**7.23** The 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 3.1.2.

**8.3** A candidate shall be given one chance to re-register for a maximum of two subjects, if the internal marks secured by a candidate are less than 50% and failed in those subjects. A candidate must re-register for failed subjects within four weeks of commencement of the class work 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:

% of Marks Secured in a subject/Course (Class Intervals)	Letter Grade (UGC Guidelines)	Grade Points
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

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

where ‘i’ is the Subject indicator index (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

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

**(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  $j^{\text{th}}$  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
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

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

**9.11** For Calculations listed in Item 9.7 – 9.10, performance in failed Subjects/ Courses (securing F Grade) will also be taken into account, and the Credits of such Subjects/ Courses will also be included in the multiplications and summations.

### 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 **88** Credits (with 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 **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. Transitory Regulations**

**12.1** Candidate detained due to shortage of attendance in one or more subjects is eligible for re-registration of maximum of two earlier or equivalent subjects at a time as and when conducted.

**12.2** The candidate who fails in any subject will be given two chances to pass the same subject; otherwise, he has to identify an equivalent subject as per R17 Academic Regulations.

## **13.0 General**

**13.1 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.

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

**13.3** Wherever the words “he”, “him”, “his”, occur in the regulations, they shall include “she”, “her”.

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

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

**13.6** 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.



**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 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	Incase 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.



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

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. V. Kamakshi Prasad**

M.Tech., Ph.D. (IIT-M), FIE., MIEEE, MCSI, LMISTE

**Professor of Computer science and Engineering &  
DIRECTOR OF EVALUATION**

Lr. No. DE-916 JNTUH/ B. Tech. I Year I Sem (R18) Regular/Supplementary, I-I (R16) Supply & I Year (R15, R13, R09) Supply and I Year II Sem (R18) & I Year II Sem (R16) , Supply Examinations April -2021  
Date: 24-02-2021.

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

Sir,

Sub: JNTUH, Hyderabad - Examination Branch – B. Tech. I Year I Sem(R18) Regular/Supplementary, I-I (R16) Supply & I Year (R15, R13, R09) Supply and I Year II Sem (R18) & I Year II Sem (R16), Supply Examinations April -2021. Notification - Instructions to the Principals –Reg.

\* \* \* \* \*

The Principals of the constituent and affiliated B. Tech. Colleges are here by informed that the University Examination Branch issues notification for the conduct of B.Tech. I Year I Sem (R18), Regular/Supplementary, I-I (R16) Supply, I Year (R15, R13, R09) Supply and I Year II Sem (R18) & I Year II Sem (R16) Supply Exams April -2021.

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

B.TECH.
B. Tech. I Year I Semester (R18) – Regular/ Supplementary
B. Tech. I Year I Semester ( R16) – Supplementary
B. Tech. I Year ( R15, R13, R09 ) – Supplementary
B. Tech. I Year II Semester (R18) –Supplementary
B. Tech. I Year II Semester ( R16) – Supplementary

(Contd .2)

The Principals are requested to note the following instructions.

1. Every college has to make the consolidated fees (Exam. Registration fee + Condonation fee + Corrected marks memos charges + part-1 cut slip penalties ) 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 table

Table : URL address for different colleges

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	<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 the other details are mentioned here under.

### STUDENT EXAMINATION REGISTRATION SCHEDULE

EVENT	Start date of registration for Both Regular & Supplementary (at respective colleges)	Last date of registration for both Regular & Supplementary (at respective colleges)	Date for Consolidated Fees Payment (Single RTGS transfer For both Regular & Supplementary Exams and condonation fee)
<b>Exam Registration Without Late Fee</b>	<b>26-02-2021</b>	<b>15-03-2021</b>	<b>31-03-2021 &amp; For I Year I Sem &amp;Regular Supply I Year&amp; I Year II Sem sup[ply</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>16-03-2021</b>	<b>23-03-2021</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>24-03-2021</b>	<b>30-03-2021</b>	
<b>Exam Registration With Late Fee of Rs.2000/-</b>	<b>31-03-2021</b>	<b>06-04-2021</b>	
<b>Exam Registration With Late Fee of Rs.5000/-</b>	<b>07-04-2021</b>	<b>13-04-2021</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>14-04-2021</b>	<b>to Till end of the exams</b>	

(Contd .3)

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

<p><b>a.</b> Submission of Consolidated fees (Exam. Registration fee + Condonation fee + Corrected marks memos charges + part-1 cut slip penalties) transfer receipt.</p> <p><b>b.</b> Submission of year-wise detained lists and Condonation lists</p> <p><b>c.</b> 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><b>d.</b> 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>Refer the table below</b>
Uploading of Attendance of last fortnight for I Year I Sem Regular students.	<b>30-03-2021 (03.00 pm)</b>
DD Report available for Downloading and making payment	<b>31-03-2021</b>
Detained and Condonation list will be generated by University	<b>31-03-2021</b>
Downloading (through examination portal) and issue of hall-tickets	<b>06-04-2021</b>
Intimation of discrepancies in the pre-printed answer booklets to Examination Branch in person only by college representative	<b>06-04-2021</b>
Collect the correct answer booklets of discrepancy cases	<b>10-04-2021</b>
The last dates for uploading Internal marks	<b>12-04-2021</b>
The last dates for uploading external lab marks	<b>12-04-2021</b>
Submission of consolidated Internal and external lab marks hard copy on or before Addl. Controller of Examinations (Online)	<b>15-04-2021</b>

**ANSWER BOOKLET COLLECTION SCHEDULE  
(for B.Tech. I Year I Sem & I Year)**

S.N O	DATE	COLLEGE CODES	Officer concerned for issue of stationary and allotment of observers
1	06-04-2021	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 (Dr. B. Kranthi Kiran))</b>
2	06-04-2021	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	<b>(ACE-3 (Mrs. T.MADHAVI KUMARI))</b>
3	07-04-2021	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 ( Dr.L.SAIDA NAIK)</b>

(Contd .4)



**Amount to be retained by colleges**

<b>YEAR &amp; SEMESTER</b>	<b>Regular (Rs.)</b>	<b>Supplementary (Irrespective of No. of subjects) (Rs.)</b>
<i>I Year I Sem (R18)</i>	250 – 30* + 10** = 230	125-18*+10**=117
<i>I Year I Sem (R16)</i>	---	125-18*+10**=117
<i>I Year (R15, R13, R09)</i>	---	156-21*+10**=145
<i>I Year II Sem (R18)</i>	-	125-18*+10**=117
<i>I Year II Sem (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 / 2012 dt.:26-06-12**

**Condonation fee to be collected**

I Year I Semester Condonation Fee for each student	Rs 300 /-
--	-----------

4. 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. 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.

**5. 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).**

6. 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

7. 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.

8. 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.

9. 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.

(Contd .5)

10. 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 result and no correction will be entertained later.
11. The request for the Challenge Valuation shall only be considered for those who applied for re-valuation in the specific subject.
12. 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.
13. 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
14. 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.
15. Any deletion request after approval of examination registration attracts a fine of Rs.100/- per student per semester.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.)

(Contd .6)

21. 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

22. 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 B Ravinder Reddy 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.

23. Residual exam material is to be separated into the following parts and each part has to be separately packed. Part-I: Unused blank booklets, Part-II: Answer booklets of the students who are absent and Part-III: Part-I cut-slips of pre-printed answer booklets of the students who are present for the Univ. exams (Please note that Part-I cut-slips of used blank answer booklets should be submitted in a separate envelope along with the exam material of the last exam, through logistic post van Refer Instruction 18). If volume of any part is large and cannot be bundled as a single packet, such parts may be divided into several packets, in which case it should be mentioned as 1/n, 2/n.., if there are n packets. all the colleges are informed to scrupulously follow these instructions related to residual material.

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. 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.

28. 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.

(Contd .7)

29. Instructions to Chief superintendents, Instructions to Invigilators and Instructions to Observers which were communicated along with this notification shall be scrupulously followed.

30. The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.

31. One observer will be nominated to each host-centre, typically for a 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>

- 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: 24-02 -2021.**

Yours sincerely

**Copy To :**

CE, All ACEs , All B.Tech. Affiliated Colleges  
(through portal), AR (EXAMS)

Sd/-  
DIRECTOR OF EVALUATION



## EXAMINATION BRANCH

### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY – HYDERABAD – 500 085

**NOTIFICATION FOR B.TECH. I YEAR I SEM (R18) REGULAR/SUPPLY, I\_I (R16) SUPPLY & I YEAR (R15/R13/R09) SUPPLY and I-II(R18,R16) SUPPLY EXAMINATIONS, April-2021**

#### FOR

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

[ For R18–2018, 2019, 2020 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/R09) REGULATIONS**

[For R15- 2015 REGULAR ADMITTED BATCHES ONLY]

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

[For R09- 2011,2012 REGULAR ADMITTED BATCHES ONLY]

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

[ For R18–2018, 2019 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 **15-04-2021** are informed to note time schedule given below:

EXAM REGISTRATION	Start Date For College	End Date For students	End Date For College
Exam Registration Without Late Fee	26-02-2021	14-03-2021	15-03-2021
Exam Registration With Late Fee of Rs.100/-	16-03-2021	22-03-2021	23-03-2021
Exam Registration With Late Fee of Rs.1000/-	24-03-2021	29-03-2021	30-03-2021
Exam Registration With Late Fee of Rs.2000/-	31-03-2021	05-04-2021	06-04-2021
Exam Registration With Late Fee of Rs.5000/-	07-04-2021	12-04-2021	13-04-2021
Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.	14-04-2021	to Till end of the exams	to Till end of the exams

**EXAMINATION FEE FOR I YEAR I SEM (R18 REGULAR/SUPPLY & R16 SUPPLY) & I YEAR II SEM (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, R09 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) **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)**

**b) Old semester exam question papers (UG, PG & Pre- PhD) b) Syllabus of pervious years**

**d) Convocation notification and other services.**

**DATE: 24-02-2021**

**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. V. Kamakshi Prasad**  
M.Tech., Ph.D. (IIT-M), FIE., MIEEE, MCSI, LMISTE  
**Professor of Computer science and Engineering &**  
**DIRECTOR OF EVALUATION**

Lr. No. DE-917 / JNTUH / B.Pharm. I Year I Sem (R17) Regular / Supply & I Year I Sem (R16) and I Year (R15, R13, R09) Supply & I Year II Sem (R17, R16) Supply Examinations April-2021 , Dated 24-02-2021.

To  
The Principals of  
JNTUH Constituent and Affiliated Colleges offering B.Pharm. Courses

Sir,  
Sub: JNTUH, Hyderabad - Examination Branch – B.Pharm I Year I Semester (R17) Regular / Supply & I Year I Sem (R16) Supply and I Year (R15, R13, R09) Supply & I Year II Sem (R17, R16) Supply Examinations April-2021 , Notification - Instructions to the Principals –Reg.

\* \* \* \* \*

The Principals of the constituent and affiliated B.Pharm. Colleges are here by informed that the University Examination Branch issues notification for the conduct of B.Pharm I Year I Semester (R17) Regular / Supply & I Year I Sem (R16) Supply and I Year (R15, R13, R09) & I Year II Sem (R17, R16) Supply Examinations April-2021

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

B.PHARM.
B.Pharm. I Year I Semester (R17) - Regular/ Supplementary
B.Pharm. I Year I Semester (R16) - Supplementary
B.Pharm. I Year ( R15, R13, R09) - Supplementary
B.Pharm. I Year II Semester (R17) - Supplementary
B.Pharm. I Year II Semester (R16) - Supplementary

The Principals are requested to note the following instructions :

1. Every college has to make the consolidated fees (Exam. Registration fee + Condonation fee + Corrected marks memos charges + part-1 cut slip penalties ) 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 :

<http://registrations3.jntuh.ac.in/olrbpharmacy>

(Contd ..2)

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

### STUDENT EXAMINATION REGISTRATIONS 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 and condonation fee)</i>
<b>Exam Registration Without Late Fee</b>	<b>26-02-2021</b>	<b>15-03-2021</b>	<b>31-03-2021 For I Year I Sem Regular/ Supply &amp; I Year Supply &amp; I Year II Supply</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>16-03-2021</b>	<b>23-03-2021</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>24-03-2021</b>	<b>30-03-2021</b>	
<b>Exam Registration With Late Fee of Rs.2000/-</b>	<b>31-03-2021</b>	<b>06-04-2021</b>	
<b>Exam Registration With Late Fee of Rs.5000/-</b>	<b>07-04-2021</b>	<b>13-04-2021</b>	
<b>Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.</b>	<b>14-04-2021</b>	<b>to Till end of the exams</b>	

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

<p><b>a.</b> Submission of Consolidated fees (Exam. Registration fee + Condonation fee + Corrected marks memos charges + part-1 cut slip penalties) transfer receipt.</p> <p><b>b.</b> Submission of year-wise detained lists and Condonation lists</p> <p><b>c.</b> 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><b>d.</b> 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>Refer the table below</b>
Uploading of Attendance of last fortnight for I Year I Sem Regular students.	<b>30-03-2021 (03.00 pm)</b>
DD Report available for Downloading and making payment	<b>31-03-2021</b>
Detained and Condonation list will be generated by University	<b>31-03-2021</b>
Intimation of discrepancies in the pre-printed answer booklets to Examination Branch in person only by college representative	<b>06-04-2021</b>
Downloading (through examination portal) and issue of hall-tickets	<b>06-04-2021</b>
Collect the correct answer booklets of discrepancy cases	<b>10-04-2021</b>
The last dates for uploading Internal marks	<b>12-04-2021</b>
The last dates for uploading external lab marks	<b>12-04-2021</b>
Submission of consolidated Internal and external lab marks hard copy on or before to Addl. Controller of Examinations (Online)	<b>15-04-2021</b>

(Contd ..3)



### ANSWER BOOKLET COLLECTION SCHEDULE

S No	DATE	COLLEGE CODE	Officer concerned for issue of stationery and allotment of observers
1	06-04-2021 & 7-04-2021	( All Colleges I Year I Sem (R17) Regular / Supply & I-I (R16) supply and I Year (R15, R13, R09) supply & I Year II Sem (R17, R16) Supply	<b>ACE-1 (Dr. L.SAIDA NAIK)</b>

#### *Amount to be retained by colleges*

<i>Year &amp; Semester</i>	<i>Regular (Rs.)</i>	<i>Supplementary (Irrespective of No. of subjects) (Rs.)</i>
<i>I Year I Sem (R17)</i>	$250 - 30^* + 10^{**} = 230$	$125 - 18^* + 10^{**} = 117$
<i>I Year I Sem (16)</i>	-----	$125 - 18^* + 10^{**} = 117$
<i>I Year (R15, R13, R09)</i>	-----	$156 - 21^* + 10^{**} = 145$
<i>I Year II Sem (R17)</i>	-----	$125 - 18^* + 10^{**} = 117$
<i>I Year II Sem (16)</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**

#### *Condonation fee to be collected*

I Year I Semester Condonation Fee for each student	Rs 300 /-
--	-----------

4. 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. 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.

**5. 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).**

6. 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

7. 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.

( Contd..4)

8. 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 year or semester irrespective of their registration / non-registration for University examinations.
9. The Lab external marks have to be uploaded in each lab examination of 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.
10. 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 result and no correction will be entertained later.
11. The request for the Challenge Valuation shall only be considered for those who applied for re-valuation in the specific subject.
12. 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.
13. 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.
14. 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.
15. Any deletion request after approval of examination registration attracts a fine of Rs.100/- per student per semester.
16. 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.
17. 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 a separate pre-printed envelopes which shall be issued to each college along with the stationary.
18. 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 ). On top of the envelope "used blank booklets part- I cut slips" should be written in bold letters.

( Contd..5)

19. 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.

20. 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 and 9989980170.)

21. 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

22. 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 B Ravinder Reddy 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.

23. Residual exam material is to be separated into the following parts and each part has to be separately packed. Part-I: Unused blank booklets, Part-II: Answer booklets of the students who are absent and Part-III: Part-I cut-slips of pre-printed answer booklets of the students who are present for the Univ. exams (Please note that Part-I cut-slips of used blank answer booklets should be submitted in a separate envelope along with the exam material of the last exam, through logistic post van through logistic post van Refer Instruction 18). If volume of any part is large and cannot be bundled as a single packet, such parts may be divided into several packets, in which case it should be mentioned as 1/n, 2/n.., if there are n packets. All the colleges are informed to scrupulously follow these instructions related to residual material.

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 college.

(Contd.6)

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. 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.

28. 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.

29. Instructions to Chief superintendents, Instructions to Invigilators and Instructions to Observers which were communicated on 28-08-2018 shall be scrupulously followed.

30. The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.

31. One observer will be nominated to each host-centre, typically for a 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>  
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 :24-02-2021.**

**Copy To :**

CE, All ACEs , All 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.PHARM. I YEAR I SEM (R17) REG / SUPPLY & I-I (R16) SUPPLY AND I YEAR (R15, R13, R09) SUPPLY & I YEAR II SEM (R17, R16) SUPPLY EXAMINATIONS April-2021**

**FOR**

**B. PHARM. – I YEAR I SEM REGULAR/ SUPPLEMENTARY EXAMINATIONS [R17 REGULATION] ONLY**  
*[ For R17 –2017, 2018, 2019, 2020 REGULAR ADMITTED BATCH ONLY ]*

**B. PHARM. - I YEAR I SEM SUPPLEMENTARY EXAMINATIONS [R16 REGULATION] ONLY**  
*[ For R16 – 2016 REGULAR ADMITTED BATCH ONLY ]*

**B. PHARM. I YEAR SUPPLEMENTARY EXAMINATIONS [R15, R13, R09 REGULATIONS]**  
*[For R15 – 2015 REGULAR ADMITTED BATCHES ONLY*  
*[For R13- 2013 AND 2014 REGULAR ADMITTED BATCHES ONLY]*  
*[For R09- 2011,2012 REGULAR ADMITTED BATCHES ONLY]*

**B. PHARM. – I YEAR II SEM SUPPLEMENTARY EXAMINATIONS [R17 REGULATION] ONLY**  
*[ For R17 –2017, 2018, 2019 REGULAR ADMITTED BATCH ONLY ]*

**B. PHARM. - I YEAR II SEM SUPPLEMENTARY EXAMINATIONS [R16 REGULATION] ONLY**  
*[ For R16 – 2016 REGULAR ADMITTED BATCH ONLY ]*

The students appearing for the above examinations commencing from **15-04-2021** are informed to note time schedule given below

EXAM REGISTRATION	Start Date For College	End Date For students	End Date For College
Exam Registration Without Late Fee	26-02-2021	14-03-2021	15-03-2021
Exam Registration With Late Fee of Rs.100/-	16-03-2021	22-03-2021	23-03-2021
Exam Registration With Late Fee of Rs.1000/-	24-03-2021	29-03-2021	30-03-2021
Exam Registration With Late Fee of Rs.2000/-	31-03-2021	05-04-2021	06-04-2021
Exam Registration With Late Fee of Rs.5000/-	07-04-2021	12-04-2021	13-04-2021
Exam Registration With Late Fee of Rs.10000/- * This late fee application should be manually submitted along with demand draft.	14-04-2021	to Till end of the exams	to Till end of the exams

**EXAMINATION FEE FOR I YEAR I SEM R17 REGULAR /SUPPLY& R16 SUPPLY I YEAR II SEM (R17, 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, R09 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) 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)

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

**Date:24-02-2021.**

**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. V. Kamakshi Prasad**

M.Tech., Ph.D. (IIT-M), FIE., MIEEE, MCSI, LMISTE

**Professor of Computer science and Engineering &  
DIRECTOR OF EVALUATION**

### **Lr.No.895 DE/JNTUH/B.Tech Examinations March-2021, Dated 28-01-2021**

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

Sir ,

Sub: JNTUH, Hyderabad - Examination Branch - B.Tech Examinations March-2021 – 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 I - Sem Regular/Supply and II - Sem Supply Examinations during March-2021.

This notification is issued for the conduct of following examinations:

1.	II B.Tech. I Sem. (R18) – Regular/Supply
2.	II B.Tech. I Sem. ( R16, R15, R13, R09 ) - Supplementary
3.	III B.Tech. I Sem. (R18) - Regular
4.	III B.Tech. I Sem. (R16, R15, R13, R09) - Supplementary
5.	IV B.Tech. I Sem. (R16) – Regular/Supply
6.	IV B.Tech. I Sem. ( R15, R13, R09 ) - Supplementary
7.	II B.Tech. II Sem. (R18, R16, R15, R13, R09) - Supplementary
8.	III B.Tech. II Sem. ( R16, R15, R13, R09) - Supplementary

The Principals are requested to note the following instructions:

1. Every college has to make the consolidated fees (Exam. Registration fee + Condonation fee + part-1 cut slip penalties ) 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

Table : URL address for different colleges

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	<a href="http://registrations3.jntuh.ac.in/olrbtech">http://registrations3.jntuh.ac.in/olrbtech</a>

3. Deadlines for different schedules of events, schedule for booklet collections and the other details are mentioned here under.

#### STUDENT EXAMINATION REGISTRATION SCHEDULE

<b>EVENT</b>	<i>Start date of registration for Both Regular &amp; Supplementary (at respective colleges)</i>	<i>Last date of registration for both Regular &amp; Supplementary (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS transfer For both Regular &amp; Supplementary Exams and condonation fee)</i>
<b>Exam Registration Without Late Fee</b>	<b>29-01-2021</b>	<b>08-02-2021</b>	<b>01-03-2021</b> <b>For II Year, III &amp; IV Year I Sem &amp; II &amp; III year II sem</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>09-02-2021</b>	<b>12-02-2021</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>13-02-2021</b>	<b>19-02-2021</b>	
<b>Exam Registration With Late Fee of Rs.2000/-</b>	<b>20-02-2021</b>	<b>26-02-2021</b>	
<b>Exam Registration With Late Fee of Rs.5000/-</b>	<b>27-02-2021</b>	<b>06-03-2021</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>07-03-2021</b>	<b>Till end of the exams</b>	

(Contd.3)



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

<p><b>a.</b> Submission of Consolidated fees (Exam. Registration fee + Condonation fee + part-1 cut slip penalties) transfer receipt.</p> <p><b>b.</b> Submission of year-wise detained lists and Condonation lists</p> <p><b>c.</b> 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><b>d.</b> 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>Refer the table below</b>
Uploading of Attendance of last fortnight by the college for II-I, III-I & IV-I Regular students.	<b>27-02-2021 (03.00 pm)</b>
DD Report available for Downloading and making payment	<b>01-03-2021</b>
Detained and Condonation list will be generated by University	<b>01-03-2021</b>
Intimation of discrepancies in the pre-printed answer booklets to Examination Branch in person only by college representative	<b>03-03-2021</b>
Downloading (through examination portal) and issue of hall-tickets	<b>03-03-2021</b>
Collect the correct answer booklets of discrepancy cases	<b>06-03-2021</b>
The last dates for uploading Internal marks	<b>04-03-2021</b>
The last dates for uploading external lab marks	<b>05-03-2021</b>
Submission of consolidated Internal and external lab marks hard copy on or before Addl. Controller of Examinations (Online)	<b>08-03-2021</b>

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

S.NO	DATE	COLLEGE CODES	Officer concerned for issue of stationary and allotment of observers
1	02-03-2021	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 (Dr. B. Kranthi Kiran)</b>
2	02-03-2021	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	<b>ACE-3 (Mrs. T. Madhavi Kumari)</b>
3	03-03-2021	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 ( Dr. L. Saida Naik )</b>

(Contd.4)

*Amount to be retained by colleges*

Year & Semester	Regular (Rs.)	Supplementary (Irrespective of No. of subjects) (Rs.)
II, III & IV Year-I Sem	$250 - 30^* + 10^{**} = 230$	$125 - 18^* + 10^{**} = 117$
II & III Year-II Sem	-----	$125 - 18^* + 10^{**} = 117$

\* 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*

*Condonation fee to be collected*

II, III and IV Year I Semester Condonation Fee for each student	Rs 300 /-
---	-----------

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, III, IV 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 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

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 B Ravinder Reddy 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. Residual exam material is to be separated into the following parts and each part has to be separately packed. Part-I: Unused blank booklets, Part-II: Answer booklets of the students who are absent and Part-III: Part-I cut-slips of pre-printed answer booklets of the students who are present for the Univ. exams (Please note that Part-I cut-slips of used blank answer booklets should be submitted in a separate envelope along with the exam material of the last exam, through logistic post van Refer Instruction 20). If volume of any part is large and cannot be bundled as a single packet, such parts may be divided into several packets, in which case it should be mentioned as 1/n, 2/n.., if there are n packets. all the colleges are informed to scrupulously follow these instructions related to residual material.

25. 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.

26. 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.

27. Notifications for the students are enclosed along with this letter. The Principals are requested to display the same in the students notice board.

(Contd.7)

28. 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 .... 07-02-2021

29. 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.

30. 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.

**31. The Students who passed in MOOCS course in supply attempt need to registered while doing registrations of other supply exams. The subjects which are passed in Nov/Dec 2020 will also be considered.**

32. Instructions to Chief superintendents, Instructions to Invigilators and Instructions to Observers which were communicated on 28-08-2018 shall be scrupulously followed.

33. One observer will be nominated to each host-centre, typically for a 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.

34. The Registrations should be done through JNTUH Exam Registration Portals only.

35. The helpline number for JNTUH Exam Registration Portals is 9704033577, 9989980170. Any problems in registration should be sent to: support.registrations@jntuh.ac.in

36. The Cooperation of the Principals is highly solicited for smooth processing and early declaration of examination results.

37. 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.

The principals are informed to encourage students to visit this portal frequently for student services

**DATE: 28-01 -2021.**

**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 EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085

NOTIFICATION FOR B.TECH II, III, IV YEAR I SEM REGULAR/SUPPLY & II, III YEAR II SEM SUPPLY EXAMINATIONS MARCH-2021

**FOR**

**B.TECH - II YEAR - I SEMESTER REGULAR/ SUPPLEMENTARY EXAMINATIONS (R18 ) REGULATIONS**

*[For R18 –2018,19 REGULAR ADMITTED BATCHES AND 2019,2020 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.TECH - II YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R16/R15/R13/R09 ) REGULATIONS**

*[For R16 – 2016, 2017 REGULAR ADMITTED BATCHES AND 2017, 2018 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R15 – 2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R13- 2013, 2014 REGULAR ADMITTED BATCHES AND 2014, 2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R09- 2011,2012 REGULAR ADMITTED BATCHES AND 2013 LATERAL ENTRY ADMITTED BATCHES ONLY]*

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

*[For R18 –2018 REGULAR ADMITTED BATCHES AND 2019 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

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

*[For R16 – 2016, 2017 REGULAR ADMITTED BATCHES AND 2017, 2018 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.TECH - III YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R15/R13/R09) REGULATIONS.**

*[For R15-2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R13-2013,2014 REGULAR ADMITTED BATCHES AND 2014 ,2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R09-2011, 2012 REGULAR ADMITTED BATCHES AND 2013 LATERAL ENTRY ADMITTED BATCHES ONLY]*

**B.TECH - IV YEAR - I SEMESTER REGULAR/ SUPPLEMENTARY EXAMINATIONS (R16) REGULATIONS**

*[For R16 – 2016,2017 REGULAR ADMITTED BATCHES AND 2017,2018 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

**B.TECH - IV YEAR - I SEMESTER SUPPLEMENTARY EXAMINATIONS (R15/R13/R09) REGULATIONS.**

*[For R15 – 2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R13-2013, 2014 REGULAR ADMITTED BATCHES AND 2014, 2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R09-2011,2012 REGULAR ADMITTED BATCHES AND 2013 LATERAL ENTRY ADMITTED BATCHES ONLY]*

**B.TECH - II YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R18/R16/R15/R13/R09) REGULATION.**

*[For R18 – 2018 REGULAR ADMITTED BATCHES AND 2019 LATERAL ENTRY ADMITTED BATCHES ONLY ]*

*[For R16 – 2016, 2017 REGULAR ADMITTED BATCHES AND 2017, 2018 LATERAL ENTRY ADMITTED BATCHES ONLY AND*

*For R15 – 2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R13- 2013, 2014 REGULAR ADMITTED BATCHES AND 2014,2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R09- 2011, 2012 REGULAR ADMITTED BATCHES AND 2013 LATERAL ENTRY ADMITTED BATCHES ONLY]*

**B.TECH - III YEAR - II SEMESTER SUPPLEMENTARY EXAMINATIONS (R16/R15/R13/R09) REGULATIONS.**

*[For R16 – 2016, 2017 REGULAR ADMITTED BATCHES AND 2017, 2018 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R15 – 2015 REGULAR ADMITTED BATCHES AND 2016 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
For R13-2013, 2014 REGULAR ADMITTED BATCHES AND 2014 ,2015 LATERAL ENTRY ADMITTED BATCHES ONLY AND  
R09-2011, 2012 REGULAR ADMITTED BATCHES AND 2013 LATERAL ENTRY ADMITTED BATCHES ONLY]*

The students appearing for the above examinations commencing from **08-03-2021** are to note that the on-line registration for University examinations will be carried out as per the time schedule given below:

EXAM REGISTRATION	START DATE	END DATE
Without Late Fee	29-01-2021	08-02-2021
With Late Fee Of Rs.100 /-	09-02-2021	12-02-2021
With Late Fee Of Rs.1000 /-	13-02-2021	19-02-2021
With Late Fee Of Rs.2000 /-	20-02-2021	26-02-2021
With Late Fee Of Rs.5000 /-	27-02-2021	06-03-2021
With Late Fee Of Rs.10000 /- * This late fee application should be manually submitted along with demand draft.	07-03-2021	Till end of exams

**EXAMINATION FEE FOR II, III & IV YEAR I SEM REGULAR/SUPPLY AND II & III YEAR II SEM 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) **Following services are available in the student service portal with URL <https://student.services.jntuh.ac.in/oss>**

**b) Old semester exam question papers (UG, PG & Pre- PhD) b) Syllabus of pervious years**

**d) Convocation notification and other services.**

**Date: 28-01-2021.**

Sd/-  
**DIRECTOR OF EVALUATION**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2021, Dt:24.6.2021

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

### ORDER

The Principal, Mahaveer Institute of Science & Technology, has sent the panel of external examiners for conducting project viva-voce examination in respect of B.Tech 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 for B.Tech.

Name Of The Course	Approved External Examiner
B.Tech(CE) Panel_Id : E3_A_01_1_27	Dr. S. Srinivasulu Professor CIVIL ENGINEERING JNTUHCEH ss_lu@jntuh.ac.in 9441718112
B.Tech(EEE) Panel_Id : E3_A_02_1_27	JAGATPALLY BHAGVAREDDY Professor EEE Bharat Inst., of Engg & Tech drjbhagwanreddy@gmail.com 9908184739
B.Tech(ME) (SECTION : 1) Panel_Id : E3_A_03_1_27	Dr. E. Ramjee Professor & Coordinator-TEQIP III, JNTUH Mechanical JNTUHCEH e_ramjee@yahoo.co.in 9032780410
B.Tech(ME) (SECTION : 2) Panel_Id : E3_A_03_2_27	Sri A. Balaram Naik Associate Professor MECHANICAL JNTUHCE JAGTIAL ballujntuh@gmail.com 9052875020
B.Tech(ECE) Panel_Id : E3_A_04_1_27	ANIL SAHU Professor ECE Bharat Inst., of Engg & Tech anilsahu82@gmail.com 9926811371



B.Tech(CSE) (SECTION : 1) Panel_Id : E3_A_05_1_27	K ADI NARAYANA REDDY Assistant Professor IT BVRIT HYDERABAD aadi.iitkgp@gmail.com 9703395960
B.Tech(CSE) (SECTION : 2) Panel_Id : E3_A_05_2_27	Dr M Arathi Associate Professor IT SIT,JNTUH arathi.ms@jntuh.ac.in 9908601839
B.Tech(IT) Panel_Id : E3_A_12_1_27	Dr Ch Asha Jyothi Assistant Professor IT JNTUHCE JAGTIAL asha4prathap@gmail.com 8121157023
B.Tech(AE) Panel_Id : E3_A_21_1_27	Dr. M. Sreenivasa Rao Professor & Special Officer (PTPG) Mechanical JNTUHCEH raom63@yahoo.com 9346922122

The Principal is requested to arrange for conduct of Project viva-voce examination as on date mentioned in the notification (i.e., from 24-june-2021 to 30-june-2021). Upload the project viva-voce awarded marks to the JNTUH University Examination Registrations Portal and get it approved entered marks by your assigned examiner from their login.

\* Note: The project viva-voce examiner allotted for Section-A shall act as examiner for all readmitted students which were treated as separate section during fortnight attendance uploading. Marks shall be uploaded by selecting the section which was used for fortnight attendance uploading.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology



DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2020, Dt:20.5.2020

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

### ORDER

The Principal, Mahaveer Institute of Science & Technology, has sent the panel of external examiners for conducting project viva-voce examination in respect of B.Tech. IV - II 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	Approved External Examiner
B.Tech(CE) Panel_Id : E3_A_01_1_23	D.RAMACHANDER ASSISTANT PROFESSOR CIVIL GEETANJALI COLLEGE OF ENGINEERING & TECHNOLOGY , KEESARA(V),HYDERABAD RAMACHANDER66@GMAIL.COM 9441113196
B.Tech(EEE) Panel_Id : E3_A_02_1_23	Dr. A. Raghu Ram Professor EEE JNTUH raghuram_a@yahoo.co.in 9676495333
B.Tech(ME) Panel_Id : E3_A_03_1_23	Dr. M. T. Naik Professor MECH JNTUH mtnaik56@gmail.com 9848017547
B.Tech(ECE) (SECTION : 1) Panel_Id : E3_A_04_1_23	Dr.C.V.Narasimhulu Profesor ECE Geetanjali college of Engg. & Technology, Keesara, Hyderabad. narasimhulucv@gmail.com 9866472744

B.Tech(ECE) (SECTION : 2) Panel_Id : E3_A_04_2_23	Dr.M.Venu Gopal Professor ECE Megha Institute of Engg. & Technology,Ghatkesar. venu_daiva@rediffmail.com 9676038540
B.Tech(CSE) (SECTION : 1) Panel_Id : E3_A_05_1_23	Sri. M. Uday Kumar Associate Professo CSE JNTUHCEJ uday_minumula@yahoo.co.in 9346431447
B.Tech(CSE) (SECTION : 2) Panel_Id : E3_A_05_2_23	Dr G Karuna Professor CSE GRIET karunavenkatg@gmail.com 9849420327
B.Tech(CSE) (SECTION : 3) Panel_Id : E3_A_05_3_23	Dr. K. Suresh Babu Associate Professor CSE JNTUHSIT kare_suresh@yahoo.co.in 9949886161
B.Tech(IT) Panel_Id : E3_A_12_1_23	Dr M Sadanandam Asst Professor CSE KU sadanb4u@yahoo.co.in 9440448790
B.Tech(AE) Panel_Id : E3_A_21_1_23	D BASWARAJU Associate Professor MECH JPNCE, MAHABOONAGAR RAJ.DEWARASETTY@GMAIL.COM 9912773994

The Principal is requested to arrange for conduct of viva-voce examination from 21-05-2020 to 31-05-2020. Upload the project viva awarded marks to the JNTUH University Examination Portal. Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DE/JNTUH.

\* Note: The project viva-voce examiner allotted for section A shall act as examiner for all other sections supplementary students also.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology



DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/M.Tech/VV/2021, Dt:6.4.2021

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\_January\_2021 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_2_109	18E31D3303 18E31D3304	Dr.K.Chandra shekar Dept of mechanical Engg, Professor, vignan Institute of science and Techonology, Deshmukhi, nalgonda kcschandra2003@gmail.com 9849505037
M.Tech(58) Panel_Id : E3_D_3_109	18E31D5806	Dr.T.R.Srinivas Department of CSE, Professor, AARM Engineering College, Hyderabad. stelkar@gmail.com 8143341367
M.Tech(64) Panel_Id : E3_D_1_109	15E31D6401	"Dr.J.Bhagwavan Reddy Prof & HoD of EEE Dept. Bharath Institute of Engineering Technology, Hyderabad drjbhagwanreddy9@gmail.com 9908184739

The Principal is requested to arrange for conduct of viva-voce examination with in TWO WEEKS from the date of issue of this order, otherwise they have to resubmit the panel. Upload the project viva-MARKS to the JNTUH portal using URL: <http://registrations1.jntuh.ac.in/pgprojectthesis>. Take the printout of system generated confidential report and get it signed with internal & external examiners and submit the same to DE/JNTUH immediately.

TO  
THE PRINCIPAL  
Mahaveer Institute

  
DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2019, Dt:9.7.2019

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

### ORDER

The Principal, Mahaveer Institute of Science & Technology, has sent the panel of external examiners for conducting project viva-voce examination in respect of B.Tech. IV - II (Advanced Supplementary) 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	Approved External Examiner
B.Tech(EEE) Panel_Id : E3_A_02_1_21	M.Narender Reddy Associate Professor EEE Sphoorthy Engineering College, Hyderbad naren.ms2018@gmail.com 9440838917
B.Tech(ECE) Panel_Id : E3_A_04_1_21	Dr.C.V.Narasimhulu Professor ECE Geethanjali College of Engineering and Technology, keesara, Hyderbad narasimhulucv@gmail.com 9866472744
B.Tech(CSE) Panel_Id : E3_A_05_1_21	V.Ramesh Assistant Professor CSE TKR College of Engineering & Technology, Hyderabad. v.rames406@gmail.com 8374442438
B.Tech(AE) Panel_Id : E3_A_21_1_21	A Narayana HOD MECH AAR Mahaveer Engineering College Vyasapuri, Bandlaguda, Post: Keshavgi, Hyderabad- 500 005, antaram66@gmail.com 8057370204

The Principal is requested to arrange for conduct of viva-voce examination from 08-07-2019 to 12-07-2019. Upload the project viva awarded marks to the JNTUH University Examination Portal(The uploading service will be enabled from 08-07-2019 AN). Take the

printout of system generated marks report and get it signed with internal & external examiners and submit the same to DE/JNTUH.  
\* Note: The project viva-voce examiner allotted for section A shall act as examiner for all other sections supplementary students also.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology

A handwritten signature in green ink, appearing to read 'Upparam', is written over a light blue rectangular stamp or watermark.

DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2019, Dt:24.4.2019

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

### ORDER

The Principal, Mahaveer Institute of Science & Technology, has sent the panel of external examiners for conducting project viva-voce examination in respect of B.Tech. IV - II 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	Approved External Examiner
B.Tech(CE) Panel_Id : E3_A_01_1_19	Dr S Vidyavathi Professor CIVIL JNTUH vidyasom@jntuh.ac.in 9392493533
B.Tech(EEE) Panel_Id : E3_A_02_1_19	Sri D Kiran Kumar Assoc.Prof EEE JNTUH kirannkumar9@gmail.com 9652337723
B.Tech(ME) Panel_Id : E3_A_03_1_19	Dr B Sudheer Prem Kumar Professor MECHANICAL JNTUH bsudheerpk@yahoo.co.in 9849451103
B.Tech(ECE) (SECTION : 1) Panel_Id : E3_A_04_1_19	Dr C V Narasimhulu Professor ECE Geethanjali college of engineering & technology, Keesara narasimhulucv@gmail.com 9866472744

B.Tech(ECE) (SECTION : 2) Panel_Id : E3_A_04_2_19	Dr M Venu Gopal Principal ECE Megha Institute of Engineering & Technology, Ghatkesar venu_daiva@reddif.com 9676038540
B.Tech(CSE) (SECTION : 1) Panel_Id : E3_A_05_1_19	Ms K Neeraja Asst.Prof CSE JNTUH prof.neeraja@jntuh.ac.in 9949365019
B.Tech(CSE) (SECTION : 2) Panel_Id : E3_A_05_2_19	Smt V Uma Rani Assoc.Prof CSE SIT,JNTUH umarani_vanamala@yahoo.com 9440086956
B.Tech(IT) Panel_Id : E3_A_12_1_19	Smt V Uma Rani Assoc.Prof CSE SIT,JNTUH umarani_vanamala@yahoo.com 9440086956
B.Tech(AE) Panel_Id : E3_A_21_1_19	A Gajalappa Assoc.Prof MECH Vardhman College of Engineering, hyd gajalappa.74@gmail.com 9573769569

The Principal is requested to arrange for conduct of viva-voce examination from 25-04-2019 to 04-05-2019. Upload the project viva awarded marks to the JNTUH University Examination Portal(The uploading service will be enabled from 25-04-2019 AN). Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DE/JNTUH.

\* Note: The project viva-voce examiner allotted for section A shall act as examiner for all other sections supplementary students also.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology



DIRECTOR OF EVALUATION





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2019, Dt:30.4.2019

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

### ORDER

The Principal, Auroras Scientific, Technological and Research Academy, has sent the panel of external examiners for conducting project viva-voce examination in respect of B.Tech. IV - II 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	Approved External Examiner
B.Tech(CE) (SECTION : 1) Panel_Id : D9_A_01_1_19	Mrs M Padmavathi Assoc.Prof CIVIL ENGINEERING JNTUH mpadmace@jntuh.ac.in 9866814305
B.Tech(CE) (SECTION : 2) Panel_Id : D9_A_01_2_19	Mrs P Srilakshmi Assoc.Prof CIVIL ENGINEERING JNTUH slpaturi@gmail.com 9848805660
B.Tech(EEE) Panel_Id : D9_A_02_1_19	Dr.R.V.Amarnath Professor and Head of the Department EEE Mahaveer Institute of Science & Technology, BANDLAGUDA amarnathrayaprolu@gmail.com 8121049081
B.Tech(ME) Panel_Id : D9_A_03_1_19	Dr. M Indira Rani Professor MECHANICAL ENGINEERING JNTU, Hyderabad marpuindira@jntuh.ac.in 9704373575
B.Tech(ECE) (SECTION : 1) Panel_Id : D9_A_04_1_19	Dr P Naveen Kumar Assoc.Prof ECE UCE, OU drnaveenkumarp9@gmail.com 8639070703

<p>B.Tech(ECE) (SECTION : 2) Panel_Id : D9_A_04_2_19</p>	<p>Dr. K Nageshwar Rao Professor &amp; Head of the Department ECE TKR College of Engineering &amp; Technology, Meerpet  deshmukhnag@gmail.com 9912713150</p>
<p>B.Tech(CSE) (SECTION : 1) Panel_Id : D9_A_05_1_19</p>	<p>Sri N Naveen Kumar Asst.Prof CSE SIT,JNTUH naveen.cse.mtech@gmail.com 9908049054</p>
<p>B.Tech(CSE) (SECTION : 2) Panel_Id : D9_A_05_2_19</p>	<p>Sri P Sreenivasa Rao Assoc.Prof CSE JNTUHCEJ psreee@yahoo.co.in 8374470381</p>

The Principal is requested to arrange for conduct of viva-voce examination from 25-04-2019 to 04-05-2019. Upload the project viva awarded marks to the JNTUH University Examination Portal(The uploading service will be enabled from 25-04-2019 AN). Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DE/JNTUH.

\* Note: The project viva-voce examiner allotted for section A shall act as examiner for all other sections supplementary students also.

TO  
THE PRINCIPAL  
Auroras Scientific, Technological and  
Research Academy



DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2019, Dt:22.11.2019

Sub: JNTUH - Examinaton Branch-Appointment of External Examiner for conduct of Mini-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 in respect of B.Tech. IV - I (R16 Regulation) students has requested the university to issue necessary orders appointing the external examiners. The following is the list of examiners appointed to conduct Mini-Project Viva-Voce Examination for B.Tech IV-I (R16 Regulation).

Name Of The Course	Approved External Examiner
B.Tech(CE) Panel_Id : E3_A_01_1_201	D.Rama Chander Assistant Professor Civil Engg Geetanjali College of Engg and Technology, keesara, Hyderabad ramachander66@gmail.com 9441113196
B.Tech(EEE) Panel_Id : E3_A_02_1_201	G.Ravinder Reddy Associate Professor EEE Holy Mary institute of Technology and Science, Hyderabad garlapati.ravinder@gmail.com 9949501305
B.Tech(ME) (SECTION : 1) Panel_Id : E3_A_03_1_201	Dr.B.Sravan Kumar Assistant Professor Mechanical Engineering AARM, Bandlaguda, Hyderabad bommanasravankumar@yahoo.co.in 9393292978
B.Tech(ME) (SECTION : 2) Panel_Id : E3_A_03_2_201	A.Narayana Assistant Professor Mechanical Engineering AARM, Bandlaguda, Hyderabad narayanaantharam@gmail.com 8057370204

B.Tech(ECE) (SECTION : 1) Panel_Id : E3_A_04_1_201	DR.M.VenuGopal principal &Professor ECE Megha institute of Engg &Tech,ghatkesar venu_daiva@rediffmail.com 9676038540
B.Tech(ECE) (SECTION : 2) Panel_Id : E3_A_04_2_201	Dr.C.V.Narasimhulu Professor ECE Geetanjali College of Engg & Technology narasimhulucv@gmail.com 9866472744
B.Tech(CSE) (SECTION : 1) Panel_Id : E3_A_05_1_201	M.Vijaylakshmi Assistant Professor CSE AARM,Bandlaguda,Hyderabad vijayayasaram@gmail.com 996674398
B.Tech(CSE) (SECTION : 2) Panel_Id : E3_A_05_2_201	M.Vijaylakshmi Assistant Professor CSE AARM,Bandlaguda,Hyderabad vijayayasaram@gmail.com 996674398
B.Tech(IT) Panel_Id : E3_A_12_1_201	S.Venkateswara Rao Assistant Professor CSE Megha Institute of Engg and Technology,Ghatkesar,Hyderabad sabbineniv@gmail.com 8897412916
B.Tech(AE) Panel_Id : E3_A_21_1_201	Dr.B.Sravan Kumar Assistant Professor Mechanical Engineering AARM College of Engg,Hyderabad sravankumardommana@gmail.com 9393292978

The Principal is requested to arrange for conduct of Mini-Project viva-voce examination from 25-11-2019 to 30-11-2019. Upload the mini project viva-voce awarded marks to the JNTUH University Examination Portal(The uploading service will be enabled from 25-11-2019 AN). Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DE/JNTUH.

\* Note: The mini-project viva-voce examiner allotted for Section-A shall act as examiner for all readmitted students which were treated as separate section during fortnight attendance uploading. Marks shall be uploaded by selecting the section which was used for fortnight attendance uploading.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology



DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/B.Tech/VV/2018, Dt:4.4.2018

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

### ORDER

The Principal, Mahaveer Institute of Science & Technology, has sent the panel of external examiners for conducting project viva-voce examination in respect of B.Tech. IV - II 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	Approved External Examiner
B.Tech(CE) Panel_Id : E3_A_01_1_15	P SRAVANA PROFESSOR CIVIL JNTUHCEH sravana.jntuh@gmail.com 9866053569
B.Tech(EEE) Panel_Id : E3_A_02_1_15	DR B V SANKERRAM PROFESSOR EEE JNTUHCEH bvsram4321@jntuh.ac.in 9642704342
B.Tech(ME) (SECTION : 1) Panel_Id : E3_A_03_1_15	DR B SATISH BABU PROFESSOR MECHANICAL JNTUHCEH satishbabug.jntuhm@gmail.com 9966263396
B.Tech(ME) (SECTION : 2) Panel_Id : E3_A_03_2_15	DR K V SHARMA PROFESSOR MECHANICAL JNTUHCEH kvsharmajntu@gmail.com 9849099162
B.Tech(ECE) (SECTION : 1) Panel_Id : E3_A_04_1_15	Dr.S.K.M Abbas Ahamad Professor ECE JBR Engg.College,Moinabad,Hyderabad smkmabbas@rediffmail.com 8985042004

B.Tech(ECE) (SECTION : 2) Panel_Id : E3_A_04_2_15	Prof.Kedarnath Sahu Professor ECE Stanley College of Engg.,Abids,Hyderabad knsahu72@gmail.com 9866512654
B.Tech(CSE) (SECTION : 1) Panel_Id : E3_A_05_1_15	DR M NAGARATNA Assoc.Prof CSE JNTUHCEH mratnajntu@gmail.com 9948688672
B.Tech(CSE) (SECTION : 2) Panel_Id : E3_A_05_2_15	E HEMALATHA Asst.Professor CSE JNTUHCEH hemamorarjee@gmail.com 9908013310
B.Tech(IT) Panel_Id : E3_A_12_1_15	RAGHU KUMAR LINGAMALLU Asst.Professor CSE KG REDDY College of Engineering and TechnologyChilkurVillage, Moinabad Moinabad Mandal, Hyderabad, Telangana 500075 Irgupta528@gmail.com 9490244991
B.Tech(AE) Panel_Id : E3_A_21_1_15	MR.D. BASWARAJ ASSOCAITE PROFESSOR MECHANICAL ENGINEERING JPN COLLEGE OF ENGINEERING, DHARMAPUR, MAHABUBNAGAR, 509001  RAJ.DEWARASETTY@GMAIL.COM 9912773994

The Principal is requested to arrange for conduct of viva-voce examination from 08-04-2018 to 15-04-2018. Upload the project viva awarded marks to the JNTUH University Examination Portal(The uploading service will be enabled from 10-04-2018 AN). Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DEJNTUH.

\* Note: The project viva-voce examiner allotted for section A shall act as examiner for all other sections supplementary students also.

TO  
THE PRINCIPAL  
Mahaveer Institute of Science &  
Technology



DIRECTOR OF EVALUATION



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

## PROCEEDINGS OF THE DIRECTOR OF EVALUATION

Procs.No.JNTUH/EB/M.Tech/VV/2018, Dt:16.7.2018

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_2_57	14E31D3306 14E31D3304	A.Narayana Professor & Head, AARR Mahaveer Engineering, Hyderabad antaram66@gmail.com 8057370204
M.Tech(64) Panel_Id : E3_D_1_57	12E31D6408	M.Narendhar Assoc Professor, Sporthy Engineering College, Hyderabad mahesh.alvala1@gmail.com 9440838917

The Principal is requested to arrange for conduct of viva-voce examination with in one month from the date of issue of this order, otherwise they have to resubmit the panel. Upload the project viva-grades to the JNTUH portal using URL: <http://registrations1.jntuh.ac.in/projectpanelsjune2018>. Take the printout of system generated confidential report and get it signed with internal & external examiners and submit the same to DE/JNTUH immediately.

TO  
THE PRINCIPAL  
Mahaveer Institute

  
DIRECTOR OF EVALUATION

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY DAY OF EXAM (7)	18-07-2020 SATURDAY DAY OF EXAM (9)	22-07-2020 WEDNESDAY DAY OF EXAM (11)	24-07-2020 FRIDAY DAY OF EXAM (13)	27-07-2020 MONDAY DAY OF EXAM (15)	29-07-2020 WEDNESDAY DAY OF EXAM (17)
<b>CIVIL ENGINEERING</b>  <b>(01-CE)</b>	Design of Steel Structures	Environmental Engineering	Soil Mechanics	<b>E1</b>	———	<b>(OE2)</b>
				Air Pollution and Control.		Artificial Neural Networks
				Advanced Structural Analysis.		Cyber Security
				Ground Water Development and Management		Coal Gasification, Coal Bed Methane and Shale Gas
				Earth and Rock fill Dams and Slope Stability		Data Structures
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Energy Storage Systems
						Entrepreneurship and Small Business Enterprises
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Introduction to Mechatronics
						Java Programming
						Medical Electronics
						Metallurgy of Non Metallurgists
						Non-Conventional Energy Sources
						Optimization Technique
						Principles of Computer Communications and Networks
						Robotics
	Software Testing Methodologies					
	Soft Computing Techniques					
	Science and Technology of Nano Materials					
	World Class Manufacturing					

Sd/-

**CONTROLLER OF EXAMINATIONS**

Date:03-06-2020



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>  <b>(02-EEE)</b>	Power Systems Analysis	Power Electronics	Switch Gear and Protection	<b>E1</b>	<b>E1</b>  Computer Organization (common EEE.ECM)	<b>(OE2)</b>
				Linear Systems Analysis		Artificial Neural Networks
				Linear and Digital IC Applications		Cyber Security
				Electrical and Electronics Instrumentation		Coal Gasification, Coal Bed Methane and Shale Gas
						Data Structures
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Intellectual Property Rights
						Java Programming
						Medical Electronics
						Metallurgy of Non Metallurgists
						Non-Conventional Energy Sources
	Optimization Technique					
	Principles of Computer Communications and Networks					
	Science and Technology of Nano Materials					
	Robotics					
	Remote Sensing and GIS					
	Software Testing Methodologies					
	Soft Computing Techniques					
	World Class Manufacturing					

Date: 03-06-2020

Sd/-

CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>MECHANICAL ENGINEERING</b>  <b>(03-ME)</b>	Thermal Engineering –II	E1	Heat Transfer	Design of Machine Members-II	E1	(OE2)
		Finite Element Methods			Artificial Neural Networks	
					Cyber Security	
					Coal Gasification, Coal Bed Methane and Shale Gas	
					Refrigeration and Air Conditioning	Data Structures
					Design Estimation and Costing of Electrical Systems	
					Energy Management and Conservation	
					Environmental Impact Assessment	
					Machine Tool Design	Entrepreneurship and Small Business Enterprises
					Energy Storage Systems	
					Geo-Informatics	
					IC Engines and Gas Turbines	Industrial Electronics
					Introduction to Mechatronics	
					Industrial Management	
					Introduction to Aerospace Engineering	
					Introduction to Material Handling	
					Intellectual Property Rights	
					Java Programming	
					Medical Electronics	
					Metallurgy of Non Metallurgists	
Non-Conventional Energy Sources						
Optimization Technique						
Principles of Computer Communications and Networks						
Robotics						
Remote Sensing and GIS						
Software Testing Methodologies						
Soft Computing Techniques						
Science and Technology of Nano Materials						

Sd/-

Date: 03-06-2020

CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  <b>(04-ECE)</b>	Antennas and Wave Propagation	Microprocessors and Microcontrollers	Digital Signal Processing	<b>E1</b>	-----	<b>(OE2)</b>
				Computer organization and operating system		Artificial Neural Networks
				Digital Image Processing		Cyber Security
				Spread Spectrum Communications		Coal Gasification, Coal Bed Methane and Shale Gas
				Digital system Design		Data Structures
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Industrial Management
						Introduction to Mechatronics
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Intellectual Property Rights
						Java Programming
	Medical Electronics					
	Metallurgy of Non Metallurgists					
	Non-Conventional Energy Sources					
	Optimization Technique					
	Remote Sensing and GIS					
	Robotics					
	Science and Technology of Nano Materials					
	Soft Computing Techniques					
	Software Testing Methodologies					
	World Class Manufacturing					

Sd/-

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY DAY OF EXAM (7)	18-07-2020 SATURDAY DAY OF EXAM (9)	22-07-2020 WEDNESDAY DAY OF EXAM (11)	24-07-2020 FRIDAY DAY OF EXAM (13)	27-07-2020 MONDAY DAY OF EXAM (15)	29-07-2020 WEDNESDAY DAY OF EXAM (17)
<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	Compiler Design	Web Technologies	Cryptography and Network Security	<b>E1</b>	-	<b>(OE2)</b>
				Mobile Computing		Artificial Neural Networks
				Design Patterns		Coal Gasification, Coal Bed Methane and Shale Gas
				Artificial Intelligence		Data Structures
				Information Security Management (Security Analyst - I)		Design Estimation and Costing of Electrical Systems
				Introduction to Analytics (Associate Analytics - I)		Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Intellectual Property Rights
						Introduction to Mechatronics
						Medical Electronics
						Metallurgy of Non Metallurgists
	Non-Conventional Energy Sources					
	Optimization Technique					
	Principles of Computer Communications and Networks					
	Remote Sensing and GIS					
	Robotics					
	Science and Technology of Nano Materials					
	Soft Computing Techniques					
	World Class Manufacturing					

Sd/-

**CONTROLLER OF EXAMINATIONS**

Date: 03-06-2020

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING</b>  <b>(10-EIE)</b>	Process Dynamics and Control	Analytical Instrumentation	Digital Signal Processing Common	E1	E1	(OE2)
				Principles of Communications	Object Oriented Programming through JAVA	Artificial Neural Networks
				Virtual Instrumentation		Coal Gasification, Coal Bed Methane and Shale Gas
				Hydraulic And Pneumatic Control Systems		Data Structures
						Cyber Security
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Intellectual Property Rights
						Introduction to Mechatronics
						Java Programming
						Medical Electronics
	Metallurgy of Non Metallurgists					
	Non-Conventional Energy Sources					
	Optimization Technique					
	Principles of Computer Communications and Networks					
	Remote Sensing and GIS					
	Robotics					
	Science and Technology of Nano Materials					
	Soft Computing Techniques					
	Software Testing Methodologies					
	World Class Manufacturing					

Date: 03-06-2020

Sd/-  
CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY					
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)					
<b>BIO-MEDICAL ENGINEERING (11-BME)</b>	Biomedical Signal Processing	Bio Fluid Mechanics	Digital Signal Processing	E1	VLSI Design	E1					
											(OE2)
											Artificial Neural Networks
											Coal Gasification, Coal Bed Methane and Shale Gas
											Data Structures
											Cyber Security
											Metallurgy of Non Metallurgists
											Design Estimation and Costing of Electrical Systems
											Energy Management and Conservation
											Environmental Impact Assessment
											Entrepreneurship and Small Business Enterprises
											Energy Storage Systems
											Geo-Informatics
											Fabrication Processes
											Fundamentals of Robotics
											Industrial Electronics
											Industrial Management
											Introduction to Aerospace Engineering
											Introduction to Material Handling
											Intellectual Property Rights
											Introduction to Mechatronics
											Java Programming
											Non-Conventional Energy Sources
											Optimization Technique
											Principles of Computer Communications and Networks
						Remote Sensing and GIS					
						Robotics					
						Software Testing Methodologies					
						Science and Technology of Nano Materials					
						Soft Computing Techniques					
						World Class Manufacturing					

Sd/-

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY DAY OF EXAM (7)	18-07-2020 SATURDAY DAY OF EXAM (9)	22-07-2020 WEDNESDAY DAY OF EXAM (11)	24-07-2020 FRIDAY DAY OF EXAM (13)	27-07-2020 MONDAY DAY OF EXAM (15)	29-07-2020 WEDNESDAY DAY OF EXAM (17)
<b>INFORMATION TECHNOLOGY</b>  (12- I T)	Compiler Design	Web Technologies	Cryptography and Network Security	E1	Object Oriented Analysis and Design	(OE2)
				Mobile Computing  Computer Forensics  Information Security Management (Security Analyst - I)  Introduction to Analytics (Associate Analytics - I)		Artificial Neural Networks
						Coal Gasification, Coal Bed Methane and Shale Gas
						Data Structures
						Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Intellectual Property Rights
						Introduction to Mechatronics
						Medical Electronics
						Metallurgy of Non Metallurgists
Non-Conventional Energy Sources						
Optimization Technique						
Principles of Computer Communications and Networks						
Remote Sensing and GIS						
Robotics						
Science and Technology of Nano Materials						
Soft Computing Techniques						
World Class Manufacturing						

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → AN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>MECHANICAL ENGINEERING (MECHATRONIC S)  (14-MECT)</b>	Dynamics of Machinery	CAD/CAM	Motion Control Design	<b>E1</b>	-	<b>(OE2)</b>
				Machine Drawing		Cyber Security
				Total Quality Management		Coal Gasification, Coal Bed Methane and Shale Gas
				Unconventional Machining Processes		Design Estimation and Costing of Electrical Systems
				Nanotechnology		Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Electronics
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Introduction to Mechatronics
						Intellectual Property Rights
						Java Programming
						Medical Electronics
						Metallurgy of Non Metallurgists
						Non-Conventional Energy Sources
	Optimization Technique					
	Principles of Computer Communications and Networks					
	Remote Sensing and GIS					
	Robotics					
	Science and Technology of Nano Materials					
	Soft Computing Techniques					
	Software Testing Methodologies					
	World Class Manufacturing					

Sd/-

**CONTROLLER OF EXAMINATIONS**

Date: 03-06-2020



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)</b>	Antennas and Wave Propagation	Microprocessors and Microcontrollers	Digital Signal Processing	<b>E1</b>	-	<b>(OE2)</b>
				Computer organization and operating system		Artificial Neural Networks
				Electronic Measurements and Instrumentation		Cyber Security
				Spread Spectrum Communications		Coal Gasification, Coal Bed Methane and Shale Gas
				Antennas and Wave Propagation		Data Structures
				Digital system Design		Design Estimation and Costing of Electrical Systems
						Energy Management and Conservation
						Environmental Impact Assessment
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Geo-Informatics
						Fabrication Processes
						Fundamentals of Robotics
						Industrial Management
						Introduction to Aerospace Engineering
						Introduction to Material Handling
						Introduction to Mechatronics
						Intellectual Property Rights
						Java Programming
						Medical Electronics
						Metallurgy of Non Metallurgists
						Non-Conventional Energy Sources
						Optimization Technique
						Remote Sensing and GIS
						Robotics
						Science and Technology of Nano Materials
	Soft Computing Techniques					
	Software Testing Methodologies					
	World Class Manufacturing					
	Industrial Electronics					

Date: 03-06-2020

Sd/-

CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → AN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>METALLURGI CAL AND MATERIALS ENGINEERING</b>  <b>(18-MMT)</b>	Steel Making	Welding Metallurgy	Foundry Technology	E1	-	(OE2)
				Non Ferrous Extractive Metallurgy	Artificial Neural Networks	
				Surface Engineering	Cyber Security	
				Electronic and Magnetic Materials	Coal Gasification, Coal Bed Methane and Shale Gas	
					Data Structures	
					Design Estimation and Costing of Electrical Systems	
					Energy Management and Conservation	
					Environmental Impact Assessment	
					Entrepreneurship and Small Business Enterprises	
					Energy Storage Systems	
					Geo-Informatics	
					Fabrication Processes	
					Fundamentals of Robotics	
					Industrial Electronics	
					Industrial Management	
					Introduction to Aerospace Engineering	
					Introduction to Material Handling	
					Introduction to Mechatronics	
					Intellectual Property Rights	
					Java Programming	
	Medical Electronics					
	Non-Conventional Energy Sources					
	Optimization Technique					
	Principles of Computer Communications and Networks					
	Remote Sensing and GIS					
	Robotics					
	Software Testing Methodologies					
	Soft Computing Techniques					
	World Class Manufacturing					

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>ELECTRONICS AND COMPUTER ENGINEERING</b>  (19-E.COMP.E)	Computer Networks	Microprocessors and Microcontrollers	Digital Signal Processing	E1	E1	(OE2)
				Database Management Systems	Computer Organization (common EEE.ECM)	Artificial Neural Networks
				Information Systems		Coal Gasification, Coal Bed Methane and Shale Gas
				Data Structures		Cyber Security
						Medical Electronics
						Geo-Informatics
						Intellectual Property Rights
						Environmental Impact Assessment
						Java Programming
						Data Structures
						Energy Management and Conservation
						Energy Storage Systems
						Entrepreneurship and Small Business Enterprises
						Principles of Computer Communications and Networks
						Design Estimation and Costing of Electrical Systems
						Industrial Management
						Industrial Electronics
						World Class Manufacturing
						Fundamentals of Robotics
						Fabrication Processes
						Introduction to Material Handling
						Introduction to Aerospace Engineering
						Introduction to Mechatronics
						Metallurgy of Non Metallurgists
						Non-Conventional Energy Sources
						Software Testing Methodologies
						Science and Technology of Nano Materials
	Robotics					
	Remote Sensing and GIS					
	Optimization Technique					

Date: 03-06-2020

Sd/-

**CONTROLLER OF EXAMINATIONS**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY	
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)	
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Aircraft Systems	<b>E1</b>	Aircraft Stability and Control	Rocket and Spacecraft Propulsion	<b>E1</b>	<b>(OE2)</b>	
						Artificial Neural Networks	
						Cyber Security	
						Coal Gasification, Coal Bed Methane and Shale Gas	
						Data Structures	
						Experimental Aerodynamics	Design Estimation and Costing of Electrical Systems
							Energy Management and Conservation
							Environmental Impact Assessment
						Mechanisms and Mechanical Design	Entrepreneurship and Small Business Enterprises
							Energy Storage Systems
		Unmanned Air Vehicle (UAV) Systems			Fabrication Processes		
					Fundamentals of Robotics		
					Geo-Informatics		
					Industrial Electronics		
					Industrial Management		
					Metallurgy of Non Metallurgists		
					Introduction to Material Handling		
					Introduction to Mechatronics		
					Intellectual Property Rights		
					Java Programming		
	Medical Electronics						
	Non-Conventional Energy Sources						
	Optimization Technique						
	Principles of Computer Communications and Networks						
	Remote Sensing and GIS						
	Robotics						
	Science and Technology of Nano Materials						
	Soft Computing Techniques						
	Software Testing Methodologies						
	World Class Manufacturing						
		Finite Element Methods					

Date: 03-06-2020

Sd/-

**CONTROLLER OF EXAMINATIONS**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY	
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)	
<b>AUTOMOBILE ENGINEERING (24-AME)</b>	Thermal Engineering - II	<b>E1</b>	Mechanics of Fluids and Hydraulics Machinery	Design of Machine Members - I	<b>E1</b>	<b>(OE2)</b>	
		CAD/C AM			Automobile Air Conditioning	Cyber Security	
		Automotive Chassis and Suspension				Medical Electronics	
		Vehicle Dynamics				Coal Gasification, Coal Bed Methane and Shale Gas	
							Geo-Informatics
							Intellectual Property Rights
							Environmental Impact Assessment
							Java Programming
							Optimization Technique
							Metallurgy of Non Metallurgists
							Energy Management and Conservation
							Energy Storage Systems
							Entrepreneurship and Small Business Enterprises
							Principles of Computer Communications and Networks
							Soft Computing Techniques
							Design Estimation and Costing of Electrical Systems
							Industrial Management
							Industrial Electronics
							World Class Manufacturing
							Fundamentals of Robotics
							Fabrication Processes
							Introduction to Material Handling
							Remote Sensing and GIS
							Introduction to Aerospace Engineering
					Introduction to Mechatronics		
					Non-Conventional Energy Sources		
					Robotics		
					Software Testing Methodologies		
					Science and Technology of Nano Materials		

Sd/-

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → AN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>MINING ENGINEERING (25 - MIE)</b>	Surface Mining Technology	Mineral Process Engineering	Rock Mechanics	<b>E1</b>	—	<b>(OE2)</b>
				Mine Systems Engineering		Introduction to Aerospace Engineering
				Remote Sensing and GIS in Mining		Data Structures
				Dimensional Stone Technology		Artificial Neural Networks
				Mineral Exploration		Medical Electronics
						Remote Sensing and GIS
						Geo-Informatics
						Intellectual Property Rights
						Environmental Impact Assessment
						Energy Management and Conservation
						Java Programming
						Software Testing Methodologies
						Cyber Security
						Principles of Computer Communications and Networks
						Soft Computing Techniques
						Design Estimation and Costing of Electrical Systems
						Entrepreneurship and Small Business Enterprises
						Energy Storage Systems
						Optimization Technique
						Introduction to Mechatronics
	Industrial Electronics					
	World Class Manufacturing					
	Fundamentals of Robotics					
	Fabrication Processes					
	Introduction to Material Handling					
	Non-Conventional Energy Sources					
	Robotics					
	Metallurgy of Non Metallurgists					
	Industrial Management					
	Science and Technology of Nano Materials					

Sd/-

Date: 03-06-2020

CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY	18-07-2020 SATURDAY	22-07-2020 WEDNESDAY	24-07-2020 FRIDAY	27-07-2020 MONDAY	29-07-2020 WEDNESDAY
	DAY OF EXAM (7)	DAY OF EXAM (9)	DAY OF EXAM (11)	DAY OF EXAM (13)	DAY OF EXAM (15)	DAY OF EXAM (17)
<b>PETROLEUM ENGINEERING G</b>  (27 - PTME)	Drilling Technology	Petroleum Reservoir Engineering	E1	E1  Natural Gas Processing  Petrochemical Engineering	Petroleum Refinery Engineering	(OE2)
			Pipeline Engineering			Artificial Neural Networks
			Coal Gasification, Coal Bed Methane and Shale Gas			
			Cyber Security			
			Medical Electronics			
			Geo-Informatics			
			Intellectual Property Rights			
			Environmental Impact Assessment			
			Java Programming			
			Data Structures			
			Metallurgy of Non Metallurgists			
			Energy Storage Systems			
			Non-Conventional Energy Sources			
			Principles of Computer Communications and Networks			
			Robotics			
			Soft Computing Techniques			
			Software Testing Methodologies			
			Science and Technology of Nano Materials			
			Design Estimation and Costing of Electrical Systems			
			Industrial Management			
			Industrial Electronics			
World Class Manufacturing						
Fundamentals of Robotics						
Fabrication Processes						
Introduction to Material Handling						
Remote Sensing and GIS						
Introduction to Aerospace Engineering						
Introduction to Mechatronics						

Date: 03-06-2020

Sd/-

**CONTROLLER OF EXAMINATIONS**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY DAY OF EXAM (7)	18-07-2020 SATURDAY DAY OF EXAM (9)	22-07-2020 WEDNESDAY DAY OF EXAM (11)	24-07-2020 FRIDAY DAY OF EXAM (13)	27-07-2020 MONDAY DAY OF EXAM (15)	29-07-2020 WEDNESDAY DAY OF EXAM (17)		
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING</b> (28-C E E)	Design of Steel Structures	Water Resources Engineering	Waste Water Engineering	<b>E1</b>	-	<b>(OE2)</b>		
				Air Pollution and Control		Introduction to Aerospace Engineering		
				Watershed Management		Data Structures	Artificial Neural Networks	
						Environmental Sanitation	Coal Gasification, Coal Bed Methane and Shale Gas	
						Environmental Chemistry	Medical Electronics	Remote Sensing and GIS
							Geo-Informatics	Energy Management and Conservation
				Java Programming			Software Testing Methodologies	
				Cyber Security			Metallurgy of Non Metallurgists	
				Principles of Computer Communications and Networks			Science and Technology of Nano Materials	
				Robotics			Soft Computing Techniques	
				Design Estimation and Costing of Electrical Systems		Energy Storage Systems	Entrepreneurship and Small Business Enterprises	
				Introduction to Mechatronics		Industrial Electronics	Industrial Management	
				World Class Manufacturing		Fundamentals of Robotics	Fabrication Processes	
				Introduction to Material Handling		Non-Conventional Energy Sources	Optimization Technique	

Sd/-



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R16 REGULATION REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

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

TIME → FN: 10.00 AM TO 12.00 NOON

BRANCH	16-07-2020 THURSDAY DAY OF EXAM (7)	18-07-2020 SATURDAY DAY OF EXAM (9)	22-07-2020 WEDNESDAY DAY OF EXAM (11)	24-07-2020 FRIDAY DAY OF EXAM (13)	27-07-2020 MONDAY DAY OF EXAM (15)	29-07-2020 WEDNESDAY DAY OF EXAM (17)
<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY)</b>  (29 – MSNT)	Engineering Metrology	Finite Element Methods	Properties of Nano Materials	E1	—	(OE2)
				Mechanical Vibrations		Artificial Neural Networks
				Refrigeration and Air conditioning		Coal Gasification, Coal Bed Methane and Shale Gas
				Operations Research		Cyber Security
				Maintenance and Safety Engineering		Medical Electronics
						Software Testing Methodologies
						Science and Technology of Nano Materials
						Geo-Informatics
						Data Structures
						Intellectual Property Rights
						Environmental Impact Assessment
						Java Programming
						Optimization Technique
						Metallurgy of Non Metallurgists
						Energy Management and Conservation
						Energy Storage Systems
						Entrepreneurship and Small Business Enterprises
						Principles of Computer Communications and Networks
						Soft Computing Techniques
						Design Estimation and Costing of Electrical Systems
	Industrial Management					
	Industrial Electronics					
	Introduction to Aerospace Engineering					
	World Class Manufacturing					
	Fundamentals of Robotics					
	Fabrication Processes					
	Introduction to Mechatronics					
	Remote Sensing and GIS					

Date:03-06-2020

Sd/-

**CONTROLLER OF EXAMINATIONS**

**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.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**  
**T I M E T A B L E**

BRANCH	23-07-2021 Friday					
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM	
<b>CIVIL ENGINEERING (01-CE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E6</b>	
	Waste Management.	Industrial Waste Water Treatment	Air Transportation Systems	Elements of Earthquake Engineering. Common to (CE,CEE)	Geoenvironmental Engineering Common to (CE,CEE)	
	Pavement Design		Basics of Thermodynamics			
	Water Resources Systems Analysis.			Characterization of Nanomaterials		
				Concepts of Nano Science And Technology		
				Data Analytics		
				Design and Selection of Engineering Materials		
				Disaster Management		
				Electromagnetic Interference and Compatibility		
				Electronic Measuring Instruments		
				Entrepreneur Resource Planning		
				Fundamentals of Liquefied Natural Gas		
				Health & Safety in Mines		
				Health, Safety and Environment in Petroleum Industry		
				Industrial Safety, Health, and Environmental Engineering		
				Introduction to Mechatronics		
				Linux Programming		
				Management Information Systems		
				Microprocessors and Microcontrollers		
				Organizational Behaviour		
				PC Based Instrumentation		
				PHP Programming		
				Production Planning and Control		
				R Programming		
				Reliability Engineering		
				Remote Sensing and GIS		
				Renewable Energy Sources		
				Rockets and Missiles		
Sensors and Transducers,						
Solid Fuel Technology						
Synthesis of Nanomaterials						
Telemetry and Telecontrol						
Total Quality Management						
				Finite Element Methods for Common to (CE,CEE)	Design and Drawing of Irrigation Structures.	

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	-	
	Artificial Neural Networks and Fuzzy Systems	Smart Electric Grid	Air Transportation Systems		
		Utilization of Electric Power		Basics of Thermodynamics	
				Characterization of Nanomaterials	
	Electric and Hybrid Vehicles		Concepts of Nano Science And Technology		
			Data Analytics		
	Electrical Distribution Systems	VLSI DESIGN (Common to EEE, E.Comp.E)		Design and Selection of Engineering Materials	
				Disaster Management	
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
	Wind, Solar and Hybrid Energy Systems			Entrepreneurship and Small Business Enterprises	
				Environmental Impact Assessment	
				Fundamentals of Liquefied Natural Gas	
	High Voltage Engineering			Health & Safety in Mines	
				Health, Safety and Environment in Petroleum Industry	
				Industrial Safety, Health, and Environmental Engineering	
				Introduction to Mechatronics	
				Linux Programming	
				Microprocessors and Microcontrollers	
				Optimization Techniques in Engineering	
				PC Based Instrumentation	
				PHP Programming	
				Production Planning and Control	
				R Programming	
				Reliability Engineering	
				Remote Sensing and GIS	
			Renewable Energy Sources		
		Rockets and Missiles			
	Sensors and Transducers,				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				
	Telemetry and Telecontrol				
	Total Quality Management				

**Date:17-07-2021**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>MECHANICAL ENGINEERING</b>  <b>(03-ME)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E6</b>	<b>E5</b>
	Fluid Power System	Advanced Mechanics of Solids	Air Transportation Systems Characterization of Nanomaterials	Automobile Engineering (ME,MSNT)	Automation in Manufacturing ( Common ME, MECT, MSNT )
	Renewable Energy Sources	Unconventional Machining Processes	Concepts of Nano Science And Technology		
	Production Planning and Control	Advanced Materials Technology	Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
Sensors and Transducers,					
Solid Fuel Technology					
Synthesis of Nanomaterials					
Telemetry and Telecontrol					

**Date:17-07-2021**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>  <b>(04-ECE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E5</b>
	Network Security and Cryptography	Actuators and Robot Systems	Air Transportation Systems	Optical Communications ( Common TO ECE,ETM)	Machine Learning (Common ECE, EIE, BME)
	System Design Using FPGAs	Analog CMOS IC Design	Organizational Behaviour		
		Global Positioning System	Basics of Thermodynamics		
	Computer Vision	Management Information Systems	Characterization of Nanomaterials		
			Entrepreneur Resource Planning		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
			Sensors and Transducers,		
			Solid Fuel Technology		
			Synthesis of Nanomaterials		
			Telemetry and Telecontrol		
		Total Quality Management			

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**  
**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>		
	Information Theory & Coding	Advanced Algorithms	Air Transportation Systems		
	Real-Time Systems (Common to CSE, IT)	Web Services and Service Oriented Architecture	Basics of Thermodynamics		
	Data Analytics ( Common to CSE, IT)	Computer Forensics	Characterization of Nanomaterials		
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Common to CSE, IT)	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			Production Planning and Control		
			Reliability Engineering		
			Renewable Energy Sources		
Rockets and Missiles					
Sensors and Transducers,					
Solid Fuel Technology					
Synthesis of Nanomaterials					
Telemetry and Telecontrol					
Total Quality Management					
Remote Sensing and GIS					

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	<b>E5</b>	<b>E5</b>	<b>OE3</b>	<b>E6</b>	<b>E6</b>
	Neural Networks and Fuzzy Logic	MEMS and Applications	Air Transportation Systems	Internet of Things Common EIE,BME, E.Comp.E	Machine Learning (Common ECE,EIE, BME)
	Computer Networks		Basics of Thermodynamics	Reliability Engineering (Common EIE, AME)	DSP Processors and Architectures (Common To EIE, BME)
	Industrial Data Communications		Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
			Solid Fuel Technology		
			Synthesis of Nanomaterials		
			Telemetry and Telecontrol		
		Total Quality Management			

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**  
**T I M E T A B L E**

RANCH	23-07-2021 Friday					
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM	
<b>BIO-MEDICAL ENGINEERING (11-BME)</b>	<b>E6</b>	<b>E5</b>	<b>OE3</b>	<b>E5</b>	<b>E6</b>	
	Bio MEMS	Medical Informatics	Air Transportation Systems	Internet of Things- (Common EIE,BME, E.Comp.E)	Machine Learning  (Common ECE, EIE, BME)	
			Basics of Thermodynamics			
		Physiological Systems Management	Linux Programming			
		Embedded System Design		Characterization of Nanomaterials		Biometric Systems
				Concepts of Nano Science And Technology		
				Data Analytics		
				Design and Selection of Engineering Materials		
				Disaster Management		
				Electronic Measuring Instruments		
				Entrepreneur Resource Planning		
				Entrepreneurship and Small Business Enterprises		
				Environmental Impact Assessment		
				Fundamentals of Liquefied Natural Gas		
				Health & Safety in Mines		
				Health, Safety and Environment in Petroleum Industry		
				Industrial Safety, Health, and Environmental Engineering		
				Introduction to Mechatronics		
				Management Information Systems		
				Microprocessors and Microcontrollers		
				Optimization Techniques in Engineering		
				Organizational Behaviour		
				PC Based Instrumentation		
				PHP Programming		
				Production Planning and Control		
				R Programming		
				Reliability Engineering		
				Remote Sensing and GIS		
				Renewable Energy Sources		
				Rockets and Missiles		
				Sensors and Transducers		
		Solid Fuel Technology				
		Synthesis of Nanomaterials				
Total Quality Management						
				DSP Processors and Architectures (Common To EIE, BME)		

Date:17-07-2021



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 <b>friday</b>				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>INFORMATION TECHNOLOGY</b>  (12- I T)	<b>E5</b>	<b>E6</b>	<b>OE3</b>		
	Steganography and Watermarking	Intrusion Detection System	Air Transportation Systems		
	Real-Time Systems (Common to CSE, IT)	ADHOC and Sensor Networks	Basics of Thermodynamics Telemetry and Telecontrol		
	Data Analytics Common to CSE, IT)	Human Computer Interaction	Characterization of Nanomaterials Total Quality Management		
	Modern Software Engineering (Common To CSE, IT)		Neural Networks and Deep Learning (Common To CSE, IT)	Concepts of Nano Science And Technology	
		Data Analytics			
		Design and Selection of Engineering Materials			
		Disaster Management			
		Electromagnetic Interference and Compatibility			
		Electronic Measuring Instruments			
		Entrepreneur Resource Planning			
		Entrepreneurship and Small Business Enterprises			
		Environmental Impact Assessment			
		Fundamentals of Liquefied Natural Gas			
		Health & Safety in Mines			
		Health, Safety and Environment in Petroleum Industry			
		Industrial Safety, Health, and Environmental Engineering			
		Introduction to Mechatronics			
		Management Information Systems			
		Microprocessors and Microcontrollers			
		Optimization Techniques in Engineering			
		Organizational Behaviour			
		PC Based Instrumentation			
		Production Planning and Control			
		Reliability Engineering			
		Remote Sensing and GIS			
		Renewable Energy Sources			
		Rockets and Missiles			
	Sensors and Transducers,				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				
	Rockets and Missiles				

Date:17-07-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<p align="center"><b>MECHANICAL ENGINEERING (MECHATRONICS)</b></p> <p align="center"><b>(14-MECT)</b></p>	<b>E6</b>	<b>E5</b>	<b>OE3</b>	<b>E6</b>	<b>E5</b>
	Automotive Pollution and Control	Product Design and Assembly Automation	Air Transportation Systems	MEMS Design	Automation in Manufacturing ( Common Common ME, MECT MSNT )
	Power Plant Engineering	MATLAB Applications	Basics of Thermodynamics		
	Computational Fluid Dynamics	Mechanical Vibrations	Characterization of Nanomaterials		
			Telemetry and Telecontrol		
			Total Quality Management		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			R Programming		
		Reliability Engineering			
		Remote Sensing and GIS			
		Rockets and Missiles			
		Sensors and Transducers,			
		Synthesis of Nanomaterials			
		Solid Fuel Technology			

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)</b>	<b>E6</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	-
	Radar System	Satellite Communications	Air Transportation Systems	Optical Communications Common To ECE,ETM)	
			Basics of Thermodynamics		
			Telemetry and Telecontrol		
		Cloud computing	Characterization of Nanomaterials	Advanced Telecommunication Technologies	
			Total Quality Management		
		Wireless and Mobile Adhoc Networks	Concepts of Nano Science And Technology	Database Management Systems	
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Entrepreneur Resource Planning	Wireless Communications and Networks	
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
		Microprocessors and Microcontrollers			
		Optimization Techniques in Engineering			
		Organizational Behaviour			
		PC Based Instrumentation			
		PHP Programming			
		Production Planning and Control			
		R Programming			
	Reliability Engineering				
	Remote Sensing and GIS				
	Renewable Energy Sources				
	Rockets and Missiles				
	Sensors and Transducers,				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				

Date:17-07-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>METALLURGICAL AND MATERIALS ENGINEERING</b>  <b>(18-MME)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E6</b>
	Composite Materials	Advanced Manufacturing Technologies	Air Transportation Systems	Ferroalloys Technology	Advanced Materials
		Nuclear Materials	Basics of Thermodynamics		
	Super Alloys		Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
			Sensors and Transducers,		
			Solid Fuel Technology		
			Synthesis of Nanomaterials		
		Telemetry and Telecontrol			
		Total Quality Management			

Date:17-07-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>ELECTRONICS AND COMPUTER ENGINEERING (19-E.COMP.E)</b>	<b>E5</b>	<b>E5</b>	<b>OE3</b>	<b>E6</b>	<b>E6</b>
	Computer Graphics	VLSI Design (Common to EEE, E.Comp.E)	Air Transportation Systems	Internet of Things (Common EIE, BME, E.Comp.E)	Advanced Computer Architecture
	Data Warehousing and Data Mining		Basics of Thermodynamics		
	Real Time Operating Systems		Characterization of Nanomaterials		
			Synthesis of Nanomaterials		
			Concepts of Nano Science And Technology		Data Communications
			Solid Fuel Technology		Multimedia and Rich Internet Applications
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
Sensors and Transducers					
Telemetry and Telecontrol					
Total Quality Management					

Date:17-07-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
	<b>E6</b>	<b>E5</b>	<b>(OE3)</b>	<b>E6</b>	<b>E6</b>
	Ground Vehicle Aerodynamics	Helicopter Engineering	Basics of Thermodynamics	Wind Engineering and Industrial Aerodynamics	Heat Transfer
AERONAUTICAL ENGINEERING (21-AE)	Aeroelasticity	Fabrication and Machining of Composite Structures	Telemetry and Telecontrol		
			Total Quality Management		
		Airlines Planning, Scheduling and Operations	Characterization of Nanomaterials		
		Hypersonic aerodynamics	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
	Reliability Engineering				
	Remote Sensing and GIS				
	Renewable Energy Sources				
	Sensors and Transducers,				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday					
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM	
<b>AUTOMOBILE ENGINEERING (24-AME)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	<b>E5</b>	
	Finite Element Methods	Maintenance and Safety Engineering	Air Transportation Systems	Total Quality Management	Reliability Engineering (Common EIE,AME )	Plant Layout and Material Handling
		Green Engineering Systems	Basics of Thermodynamics			
		Off-road Vehicles	Characterization of Nanomaterials	Synthesis of Nanomaterials	Vehicle Transport Management	
		Vehicle Condition Monitoring	Concepts of Nano Science And Technology	Data Analytics		
			Design and Selection of Engineering Materials	Disaster Management		
			Electromagnetic Interference and Compatibility	Electronic Measuring Instruments		
			Entrepreneur Resource Planning	Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment	Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines	Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering	Linux Programming		
			Management Information Systems	Optimization Techniques in Engineering		
			Organizational Behaviour	PC Based Instrumentation		
			PHP Programming	Production Planning and Control		
			R Programming	Reliability Engineering		
			Remote Sensing and GIS	Renewable Energy Sources		
			Rockets and Missiles	Sensors and Transducers,		
			Telemetry and Telecontrol	Solid Fuel Technology		

Date:17-07-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>MINING ENGINEERING G (25 - MNE)</b>	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	-
	Environmental Management in Mines	Mine Ventilation	Air Transportation Systems	Planning of Underground Metal Mining Project (E5)	
	Coal Gasification, Coal Bed Methane & Shale Gas	Advanced Environmental Engineering	Synthesis of Nanomaterials		
	Computer Applications in Mining	Advanced Underground Coal Mining Technology	Basics of Thermodynamics		
		Tunnel Engineering	Telemetry and Telecontrol		
			Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Total Quality Management		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
		PC Based Instrumentation			
		PHP Programming			
		Production Planning and Control			
		R Programming			
		Reliability Engineering			
		Remote Sensing and GIS			
		Renewable Energy Sources			
		Rockets and Missiles			
		Sensors and Transducers,			
		Renewable Energy Sources			



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**  
**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E5</b>	
	Subsea Engineering	Enhanced Oil Recovery Techniques	Air Transportation Systems	Membrane Technology	
	Natural Gas Hydrates and Coal Bed Methane	Multi-phase Flow in Porous Media	Basics of Thermodynamics		
		Petroleum Management, Marketing and Finance	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Health & Safety in Mines		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
		Rockets and Missiles			
		Sensors and Transducers,			
		Solid Fuel Technology			
		Synthesis of Nanomaterials			
		Telemetry and Telecontrol			
		Total Quality Management			

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday				
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING</b>  (28-C E E)	<b>E5</b>	<b>E6</b>	<b>OE3</b>	<b>E6</b>	<b>E5</b>
	Estimation and Costing	Stochastic Hydrology	Air Transportation Systems	Elements of Earthquake Engineering. (Common TO CE,CEE)	Geo environmental Engineering (Common to CE,CEE)
		Traffic Engineering	Basics of Thermodynamics		
		Ground Improvement Techniques	Characterization of Nanomaterials		
	Foundation Engineering		Concepts of Nano Science And Technology		Finite Element Methods for Civil Engineering (Common to CE,CEE)
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
		Rockets and Missiles			
	Telemetry and Telecontrol				
	Total Quality Management				
	Sensors and Transducers,				
	Synthesis of Nanomaterials				
	Solid Fuel Technology				
	Renewable Energy Sources				

Date:17-07-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 5000 85**

**EXAMINATION BRANCH**

**IV YEAR B.TECH-II SEMESTER–R16 REGULATION-COMPUTER BASED TEST(CBT) JULY -2021**

**T I M E T A B L E**

BRANCH	23-07-2021 Friday					
	9.30 AM to 10.15 AM	11.00 AM to 11.45 AM	12.30 PM to 1.15 PM	2.30 PM to 3.15 PM	4.30 PM to 5.15 PM	
<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY)</b>  (29 – MSNT)	<b>E6</b>	<b>E5</b>	<b>OE3</b>	<b>E5</b>	<b>E5</b>	
	Nano Composites	Tribology	Air Transportation Systems	Automobile Engineering ( Common ME, MSNT)	Automation in Manufacturing (Common ME, MECT, MSNT)	
			Total Quality Management			
	Carbon Nano Materials and Applications	Mechanics of Composite Materials	Basics of Thermodynamics			
			Renewable Energy Sources			
	MEMS - NEMS Design and Applications					Rockets and Missiles
						Telemetry and Telecontrol
						Remote Sensing and GIS
						Sensors and Transducers,
						Data Analytics
						Design and Selection of Engineering Materials
						Disaster Management
						Electromagnetic Interference and Compatibility
						Electronic Measuring Instruments
						Entrepreneur Resource Planning
						Entrepreneurship and Small Business Enterprises
						Environmental Impact Assessment
						Fundamentals of Liquefied Natural Gas
						Health & Safety in Mines
						Health, Safety and Environment in Petroleum Industry
						Industrial Safety, Health, and Environmental Engineering
						Introduction to Mechatronics
						Linux Programming
						Management Information Systems
						Microprocessors and Microcontrollers
						Optimization Techniques in Engineering
						Organizational Behaviour
						PC Based Instrumentation
			PHP Programming			
			Production Planning and Control			
		R Programming				
		Reliability Engineering				
		Solid Fuel Technology				
	Nano Sensors and Actuators					

Sd/-

**CONTROLLER OF EXAMINATIONS**

**Date:17-07-2021**

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.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500 085

EXAMINATION BRANCH

**I YEAR B.TECH-I SEMESTER-R16 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2021**

**T I M E T A B L E**

**TIME → FN:9.45 AM TO 12.45 PM**

BRANCH	DATE, SESSION AND DAY					
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday	15-07-2021 Thursday	17-07-2021 Saturday
<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)</b>	Mathematics-I	Engineering Physics-I	Engineering Chemistry	Professional Communication in English	Engineering Mechanics	Basic Electrical and Electronics Engineering
<b>MECHANICAL ENGINEERING (03- ME)</b>	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04- ECE)</b>	Mathematics-I	Engineering Physics-I	Engineering Chemistry	Professional Communication in English	Engineering Mechanics	Basic Electrical and Electronics Engineering

**DATE:01-07-2021**

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500 085

EXAMINATION BRANCH

**I YEAR B.TECH-I SEMESTER-R16 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2021**

**T I M E T A B L E**

**TIME → FN:9.45 AM TO 12.45 PM**

BRANCH	DATE, SESSION AND DAY					
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday	15-07-2021 Thursday	17-07-2021 Saturday
COMPUTER SCIENCE & ENGINEERING (05- CSE)	Mathematics-I	Engineering Physics-I	Engineering Chemistry	Professional Communication in English	Engineering Mechanics	Basic Electrical and Electronics Engineering
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	Mathematics-I	Engineering Physics-I	Engineering Chemistry	Professional Communication in English	Engineering Mechanics	Basic Electrical and Electronics Engineering
INFORMATION TECHNOLOGY (12- IT)	Mathematics-I	Engineering Physics-I	Engineering Chemistry	Professional Communication in English	Engineering Mechanics	Basic Electrical and Electronics Engineering

**DATE:01-07-2021**

**Sd/-  
CONTROLLER OF EXAMINATIONS**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500 085

EXAMINATION BRANCH

**I YEAR B.TECH-I SEMESTER-R16 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2021**

T I M E T A B L E

TIME → FN:9.45 AM TO 12.45 PM

BRANCH	DATE, SESSION AND DAY					
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday	15-07-2021 Thursday	17-07-2021 Saturday
MECHANICAL ENGINEERING (MECHATRONICS) (14-MECT)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
ELECTRONICS AND TELEMATICS ENGINEERING (17-ETM)	Mathematics-I	Engineering Physics-I	Engineering Chemistry	Professional Communication in English	Engineering Mechanics	Basic Electrical and Electronics Engineering
METALLURGY AND MATERIAL ENGINEERING (18- MME)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
AERONUTICAL ENGINEERING (21-AE)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
MINING ENGG. (25-MIE)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---

DATE: 01-07-2021

Sd/-  
CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500 085

EXAMINATION BRANCH

**I YEAR B.TECH-I SEMESTER-R16 REGULATION- SUPPLEMENTARY EXAMINATIONS JULY-2021**

**T I M E T A B L E**

TIME → FN:9.45 AM TO 12.45 PM

BRANCH	DATE, SESSION DAY					
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday	15-07-2021 Thursday	17-07-2021 Saturday
PETROLIUM ENGG. (27- PTME)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
CIVIL & ENVIRONMENTAL ENGINEERING (28-C E E)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---
MECHANICAL ENGINEERING NANO TECHNOLOGY (MATERIAL SCIENCE NANO TECHNOLOGY (29-MSNT)	Mathematics-I	Mathematics-II	Engineering Physics	Computer Programming in C	Engineering Mechanics	---

DATE:01-07-2021

Sd/-

CONTROLLER OF EXAMINATIONS

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.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY - HYDERABAD – 500085**

**EXAMINATION BRANCH**

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021**

**REVISED T I M E T A B L E**

**T I M E → AN 2.15 PM TO 5.15 PM**

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)</b>	Mathematics-I	Chemistry	Basic Electrical Engineering	English
<b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>	Mathematics-I	Chemistry	Basic Electrical Engineering	English
<b>INFORMATION TECHNOLOGY (12- IT)</b>	Mathematics-I	Chemistry	Basic Electrical Engineering	English

DATE:01-07-2021

**Sd/-**  
CONTROLLER OF EXAMINATIONS



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021**

REVISED TIME TABLE

TIME – AN 2.15 PM TO 5.15 PM

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
COMPUTER SCIENCE INFORMATION TECHNOLOGY CSIT(33)	Mathematics-I	Chemistry	Basic Electrical Engineering	English
INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER ENGINEERING (SOFTWARE ENGINEERING) (56-CE(SE))	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER SCIENCE AND ENGINEERING) (CYBER SECURITY) (62-CSE(CS))	Mathematics-I	Chemistry	Basic Electrical Engineering	English

DATE:01-07-2021

**Sd/-**  
CONTROLLER OF EXAMINATIONS

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021****REVISED TIME TABLE****TIME – AN 2.15 PM TO 5.15 PM**

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE) (67-CSE(DS))	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER SCIENCE AND ENGINEERING (NETWORKS) (70-CSE(NETWORKS))	Mathematics-I	Chemistry	Basic Electrical Engineering	English

DATE:01-07-2021

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

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.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021**

**T I M E T A B L E**

**T I M E → FN 9.45 AM TO 12.45 PM**

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
CIVIL ENGINEERING (01-C E)	Mathematics-I	Programming for Problem Solving	Engineering Physics	---
ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)	Mathematics-I	Chemistry	Basic Electrical Engineering	English
MECHANICAL ENGINEERING (03-ME)	Mathematics-I	Programming for Problem Solving	Engineering Physics	---

DATE: 20-06-2021

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

E X A M I N A T I O N B R A N C H

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021**

T I M E T A B L E

T I M E – F N 9.45 AM TO 12.45 PM

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04- ECE)</b>	Mathematics-I	Programming for Problem Solving	Applied Physics	---
<b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>	Mathematics-I	Chemistry	Basic Electrical Engineering	English
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics-I	Programming for Problem Solving	Applied Physics	----

DATE: 20-06-2021

**Sd/-**  
CONTROLLER OF EXAMINATIONS

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021**

T I M E T A B L E

T I M E → FN 9.45 AM TO 12.45 PM

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
INFORMATION TECHNOLOGY (12- IT)	Mathematics-I	Chemistry	Basic Electrical Engineering	English
MECHANICAL ENGINEERING (MECHATRONICS) (14-MECT)	Mathematics-I	Programming for Problem Solving	Engineering Physics	---
METALLURGY AND MATERIAL ENGINEERING (18-MME)	Mathematics-I	Programming for Problem Solving	Engineering Physics	---
ELECTRONICS AND COMPUTER ENGINEERING (19-ECM)	Mathematics-I	Programming for Problem Solving	Applied Physics	---

DATE: 20-06-2021

**Sd/-**  
CONTROLLER OF EXAMINATIONS

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

E X A M I N A T I O N B R A N C H

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021**

T I M E T A B L E

T I M E – F N 9.45 AM TO 12.45 PM

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
<b>AERONUTICAL ENGINEERING (21 – AE)</b>	Mathematics-I	Programming for Problem Solving	Engineering Physics	---
<b>MINING ENGG. (25-MIE)</b>	Mathematics-I	Programming for Problem Solving	Engineering Physics	---
<b>PTMETROLIUM ENGG. (27- PTME)</b>	Mathematics-I	Programming for Problem Solving	Engineering Physics	---
<b>COMPUTER SCIENCE AND BUSINESS SYSTEMS (32-CSBS)</b>	Mathematics-I	Programming for Problem Solving	Applied Physics	---

DATE:20-06-2021

**Sd/-**  
CONTROLLER OF EXAMINATIONS

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021****TIME TABLE****TIME – FN 9.45 AM TO 12.45 PM**

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
COMPUTER SCIENCE INFORMATION TECHNOLOGY CSIT(33)	Mathematics-I	Chemistry	Basic Electrical Engineering	English
INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER ENGINEERING (SOFTWARE ENGINEERING) (56-CE(SE))	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER SCIENCE AND ENGINEERING) (CYBER SECURITY) (62-CSE(CS))	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&ML))	Mathematics-I	Programming for Problem Solving	Applied Physics	---

DATE:20-06-2021

**Sd/-**  
CONTROLLER OF EXAMINATIONS

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

**B.TECH I YEAR I SEMESTER – R18 REGULATIONS REGULAR/SUPPLY EXAMINATIONS JULY-2021****TIME TABLE****TIME – FN 9.45 AM TO 12.45 PM**

BRANCH	DATE, SESSION AND DAY			
	06-07-2021 Tuesday	08-07-2021 Thursday	10-07-2021 Saturday	13-07-2021 Tuesday
COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE) (67-CSE(DS))	Mathematics-I	Chemistry	Basic Electrical Engineering	English
COMPUTER SCIENCE AND ENGINEERING (IOT) (69-CSE(IOT))	Mathematics-I	Programming for Problem Solving	Applied Physics	---
COMPUTER SCIENCE AND ENGINEERING (NETWORKS) (70-CSE(NETWORKS))	Mathematics-I	Chemistry	Basic Electrical Engineering	English

DATE:20-06-2021

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

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.



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE**

T I M E T A B L E

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 Pm	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>CIVIL ENGINEER RING  (01-CE)</b>	Hydrology & Water Resources Engineering	Environmental Engineering	Foundation Engineering	E2	Structural Engineering II(Steel)	(OE1)
				Prestressed Concrete		Entrepreneurship
				Elements of Earth Quake Engineering		Fundamentals of Management for Engineers
				Advanced Structural Analysis		Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
	Alloy Steels					
	Introduction to Mining Technology					
	Coal Gasification, CBM & Shale Gas					

Date:15-07-2021

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>ELECTRICAL AND ELECTRONIC S ENGINEERING  (02-EEE)</b>	Signals and Systems	Microprocessors & Microcontrollers	Power System Protection	E2	Power System Operation and Control	<b>(OE1)</b>
				Optimization Techniques		Disaster Preparedness & Planning Management
				Wind and Solar Energy systems		Entrepreneurship
				Power Semiconductor Drives		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Quantitative Analysis for Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
	Introduction to Mining Technology					
	Coal Gasification, CBM & Shale Gas					

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>MECHANICAL ENGINEERING</b>	Design of Machine Members-II			Unconventional		<b>(OE1)</b>

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

<b>(03-ME)</b>		CAD & CAM	Heat Transfer	Machining Processes	Finite Element Methods	Disaster Preparedness & Planning Management
				Machine Tool Design		Entrepreneurship
				Production Planning & Control		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas

**Date: 15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>	Antennas and Propagation	Digital Signal Processing	E2	E2		<b>( OE1)</b>
			Object Oriented Programming through	Embedded System Design		Disaster Preparedness & Planning Management
						Entrepreneurship
						Fundamentals of Management for

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

<b>(04-ECE)</b>			Java		VLSI Design	Engineers Cyber Law & Ethics Basics of Sensors Technology Reliability Engineering Renewable Energy Sources Quantitative Analysis for Business Decisions Industrial Management Non-Conventional Energy Sources General Geology Testing of Materials Alloy Steels Introduction to Mining Technology Coal Gasification, CBM & Shale Gas
				Mobile Communications and Networks		

**Date:15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>COMPUTER SCIENCE AND ENGINEERING</b>  <b>(05-CSE)</b>	Machine Learning	Compiler Design	Design and Analysis of Algorithms	<b>E3</b>  Concurrent Programming Network Programming	-	<b>(OE1)</b> Disaster Preparedness & Planning Management Basics of Sensors Technology Fundamentals of Internet of Things Reliability Engineering Renewable Energy Sources Quantitative Analysis for

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

						Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
				Scripting Languages		General Geology
						Testing of Materials
						Alloy Steels
				Mobile Application Development		Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas
				Software Testing Methodologies		

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>ELECTRONICS AND INSTRUMENTATI</b>	Industrial Automation	Digital Signal Processing	Object Oriented Programming through Java	<b>E1</b>	—	<b>(OE1)</b>
						Disaster Preparedness & Planning Management
						Entrepreneurship
						Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

<b>ON ENGINEERING  (10-EIE)</b>						Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas

**Date: 15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>INFORMATION TECHNOLOGY  (12- I T)</b>	Introduction to Embedded Systems	Principles of Compiler Construction	Algorithm Design and Analysis	E3	Internet of Things	<b>(OE1)</b>
				Ethical Hacking		Disaster Preparedness & Planning Management
				Network Programming Scripting Languages		Basics of Sensors Technology
				Mobile Application		Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
	Quantitative Analysis for Business Decisions					
	Industrial Management					
	Non-Conventional Energy Sources					
	General Geology					

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

				Development		Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
				Software Testing Methodologies		Coal Gasification, CBM & Shale Gas

**Date: 15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  <b>(14-MECT)</b>	Motion Control Design	Microprocessors and Microcontrollers	Robotics and its Applications	<b>E1</b>	Finite Element Methods	<b>(OE1)</b>
				Analog and Digital IC Applications		Disaster Preparedness & Planning Management
				Unconventional Machining Processes		Entrepreneurship
				Total Quality Management		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
						General Geology
						Testing of Materials
						Alloy Steels
	Introduction to Mining Technology					
	Coal Gasification, CBM & Shale Gas					

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>METALLURGICAL AND MATERIALS ENGINEERING</b>  <b>(18-MMT)</b>	Materials Characterization	Non-Metallic Materials	Material Processing (Casting & Welding)	<b>E2</b>	-	<b>(OE1)</b>
				Disaster Preparedness & Planning Management		
				Entrepreneurship		
				Fundamentals of Management for Engineers		
				Cyber Law & Ethics		
				Basics of Sensors Technology		
				Fundamentals of Internet of Things		
				Reliability Engineering		
				Renewable Energy Sources		
				Quantitative Analysis for Business Decisions		
				Industrial Management		
				Non-Conventional Energy Sources		
				General Geology		
Introduction to Mining Technology						



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

						Coal Gasification, CBM & Shale Gas
--	--	--	--	--	--	------------------------------------

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Space Propulsion	Aircraft Design	Computational Aerodynamics	Helicopter Aerodynamics	<b>E1</b>  Advanced Solid Mechanics  Design and Analysis of Composite Structures  Unmanned Air Vehicles	<b>(OE1)</b> Disaster Preparedness & Planning Management Entrepreneurship Fundamentals of Management for Engineers Cyber Law & Ethics Basics of Sensors Technology Fundamentals of Internet of Things Reliability Engineering Renewable Energy Sources Industrial Management Non-Conventional Energy Sources General Geology Testing of Materials Alloy Steels Introduction to Mining Technology Coal Gasification, CBM & Shale Gas

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

Date: 15-05-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>MINING ENGINEERING (25 - MIE)</b>	Introduction to Instrumentation	Underground Coal Mining Technology	Rock Mechanics Engineering	<b>E1</b>	—	<b>(OE1)</b>
				Computer Applications in Mining		Disaster Preparedness & Planning Management
				Mineral Processing		Entrepreneurship
				Material Management in Mines		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
	Industrial Management					
	Non-Conventional Energy Sources					
	General Geology					
	Testing of Materials					
	Alloy Steels					

Date: 15-05-2021

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE**

T I M E T A B L E

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	Petroleum Refinery Engineering	Petroleum Reservoir Engineering	Well Completion Testing & Servicing	<b>E1</b>	Petroleum Production Engineering & Design	<b>(OE1)</b>
				Disaster Preparedness & Planning Management		
				Entrepreneurship		
				Fundamentals of Management for Engineers		
				Cyber Law & Ethics		
				Basics of Sensors Technology		
				Fundamentals of Internet of Things		
				Reliability Engineering		
				Renewable Energy Sources		
				Quantitative Analysis for Business Decisions		
				Industrial Management		
				Non-Conventional Energy Sources		
				Testing of Materials Alloy Steels		
				Introduction to Mining Technology		
				Coal Gasification, CBM & Shale Gas		
Transport Phenomena						

Sd/-

Date: 15-07-2021

**CONTROLLER OF EXAMINATIONS**

**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.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE**

T I M E T A B L E

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 Pm	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>CIVIL ENGINEER RING  (01-CE)</b>	Hydrology & Water Resources Engineering	Environmental Engineering	Foundation Engineering	E2	Structural Engineering II(Steel)	<b>(OE1)</b>
				Prestressed Concrete		Entrepreneurship
				Elements of Earth Quake Engineering		Fundamentals of Management for Engineers
				Advanced Structural Analysis		Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
	Alloy Steels					
	Introduction to Mining Technology					
	Coal Gasification, CBM & Shale Gas					

Date:15-07-2021

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>ELECTRICAL AND ELECTRONIC S ENGINEERING  (02-EEE)</b>	Signals and Systems	Microprocessors & Microcontrollers	Power System Protection	E2	Power System Operation and Control	<b>(OE1)</b>
				Optimization Techniques		Disaster Preparedness & Planning Management
				Wind and Solar Energy systems		Entrepreneurship
				Power Semiconductor Drives		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Quantitative Analysis for Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
	Introduction to Mining Technology					
	Coal Gasification, CBM & Shale Gas					

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>MECHANICAL ENGINEERING</b>	Design of Machine Members-II			Unconventional		<b>(OE1)</b>
						<b>204</b>

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

<b>(03-ME)</b>		CAD & CAM	Heat Transfer	Machining Processes	Finite Element Methods	Disaster Preparedness & Planning Management
				Machine Tool Design		Entrepreneurship
				Production Planning & Control		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas

**Date: 15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>	Antennas and Propagation	Digital Signal Processing	E2	E2		<b>( OE1)</b>
			Object Oriented Programming through	Embedded System Design		Disaster Preparedness & Planning Management
						Entrepreneurship
						Fundamentals of Management for

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

<b>(04-ECE)</b>			Java		VLSI Design	Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas

**Date:15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>COMPUTER SCIENCE AND ENGINEERING</b>  <b>(05-CSE)</b>	Machine Learning	Compiler Design	Design and Analysis of Algorithms	<b>E3</b>	-	<b>(OE1)</b>
				Disaster Preparedness & Planning Management		
				Basics of Sensors Technology		
				Fundamentals of Internet of Things		
				Concurrent Programming		Reliability Engineering
				Network Programming		Renewable Energy Sources
						Quantitative Analysis for

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

						Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
				Scripting Languages		General Geology
						Testing of Materials
						Alloy Steels
				Mobile Application Development		Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas
				Software Testing Methodologies		

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>ELECTRONICS AND INSTRUMENTATI</b>	Industrial Automation	Digital Signal Processing	Object Oriented Programming through Java	E1	—	<b>(OE1)</b>
						Disaster Preparedness & Planning Management
						Entrepreneurship
						Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business
						<b>207</b>



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

<b>ON ENGINEERING  (10-EIE)</b>						Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology
						Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas

**Date: 15-07-2021**

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>INFORMATION TECHNOLOGY  (12- I T)</b>	Introduction to Embedded Systems	Principles of Compiler Construction	Algorithm Design and Analysis	E3	Internet of Things	<b>(OE1)</b>
				Ethical Hacking		Disaster Preparedness & Planning Management
				Network Programming Scripting Languages		Basics of Sensors Technology
				Mobile Application		Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
						Industrial Management
						Non-Conventional Energy Sources
						General Geology

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

				Development		Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
				Software Testing Methodologies		Coal Gasification, CBM & Shale Gas

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  <b>(14-MECT)</b>	Motion Control Design	Microprocessors and Microcontrollers	Robotics and its Applications	<b>E1</b>	Finite Element Methods	<b>(OE1)</b>
				Analog and Digital IC Applications		Disaster Preparedness & Planning Management
				Unconventional Machining Processes		Entrepreneurship
				Total Quality Management		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
						General Geology
						Testing of Materials
						Alloy Steels
	Introduction to Mining Technology					
	Coal Gasification, CBM & Shale Gas					

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM			
<b>METALLURGICAL AND MATERIALS ENGINEERING</b>  <b>(18-MMT)</b>	Materials Characterization	Non-Metallic Materials	Material Processing (Casting & Welding)	E2	-	(OE1)			
							Disaster Preparedness & Planning Management		
							Nano Materials		Entrepreneurship
									Fundamentals of Management for Engineers
									Cyber Law & Ethics
									Basics of Sensors Technology
									Fundamentals of Internet of Things
									Reliability Engineering
									Renewable Energy Sources
									Quantitative Analysis for Business Decisions
									Industrial Management
									Non-Conventional Energy Sources
									General Geology
					Introduction to Mining Technology				

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

						Coal Gasification, CBM & Shale Gas
--	--	--	--	--	--	------------------------------------

Date: 15-07-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	Space Propulsion	Aircraft Design	Computational Aerodynamics	Helicopter Aerodynamics	E1	<b>(OE1)</b> Disaster Preparedness & Planning Management Entrepreneurship Fundamentals of Management for Engineers Cyber Law & Ethics Basics of Sensors Technology Fundamentals of Internet of Things Reliability Engineering Renewable Energy Sources Industrial Management Non-Conventional Energy Sources General Geology Testing of Materials Alloy Steels Introduction to Mining Technology Coal Gasification, CBM & Shale Gas

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

## III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE

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

Date: 15-05-2021

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>MINING ENGINEERING (25 - MIE)</b>	Introduction to Instrumentation	Underground Coal Mining Technology	Rock Mechanics Engineering	<b>E1</b>	—	<b>(OE1)</b>
				Computer Applications in Mining		Disaster Preparedness & Planning Management
				Mineral Processing		Entrepreneurship
				Material Management in Mines		Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Reliability Engineering
						Renewable Energy Sources
						Quantitative Analysis for Business Decisions
	Industrial Management					
	Non-Conventional Energy Sources					
	General Geology					
	Testing of Materials					
	Alloy Steels					

Date: 15-05-2021

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

**III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2021-OFFLINE**

T I M E T A B L E

BRANCH	19-07-2021 FN MONDAY Time:9.30 AM to 10.50 AM	19-07-2021 AN MONDAY Time 1.10 PM to 2.30 PM	20-07-2021 FN TUESDAY Time:9.30 AM to 10.50 AM	20-07-2021 AN TUESDAY Time 1.10 PM to 2.30 PM	22-07-2021 FN THURSDAY Time:9.30 AM to 10.50 AM	22-07-2021 AN THURSDAY Time 1.10 PM to 2.30 PM
<b>PETROLEUM ENGINEERING</b>  (27 - PTME)	Petroleum Refinery Engineering	Petroleum Reservoir Engineering	Well Completion Testing & Servicing	<b>E1</b>	Petroleum Production Engineering & Design	<b>(OE1)</b>
				Disaster Preparedness & Planning Management		
				Entrepreneurship		
				Fundamentals of Management for Engineers		
				Cyber Law & Ethics		
				Basics of Sensors Technology		
				Fundamentals of Internet of Things		
				Reliability Engineering		
				Renewable Energy Sources		
				Quantitative Analysis for Business Decisions		
				Industrial Management		
				Non-Conventional Energy Sources		
				Testing of Materials Alloy Steels		
				Introduction to Mining Technology		
				Coal Gasification, CBM & Shale Gas		
Transport Phenomena						

Sd/-

Date: 15-07-2021

**CONTROLLER OF EXAMINATIONS**

**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.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

II YEAR B.TECH - I SEMESTER – R18 REGULATION SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2021

TIME TABLE

TIME → FN: 9:45 AM TO 12:45 PM

BRANCH	DATE, SESSION AND DAY					
	06-09-2021 MONDAY	08-09-2021 WEDNESDAY	11-09-2021 SATURDAY	14-09-2021 TUESDAY	16-09-2021 THURSDAY	18-09-2021 SATURDAY
CIVIL ENGINEERING (01-CE)	Surveying and Geomatics	Fluid Mechanics	Strength of Materials - I	Probability and Statistics	Engineering Geology	-
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Engineering Mechanics	Electrical Circuit Analysis	Analog Electronics	Electrical Machines - I	Electromagnetic Fields	-
MECHANICAL ENGINEERING (03-ME)	Probability and Statistics & Complex Variables	Thermodynamics	Mechanics of Solids	Production Technology	-	Material Science and Metallurgy)

DATE: 18-08-2021

Sd/-  
CONTROLLER OF EXAMINATIONS

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

II YEAR B.TECH - I SEMESTER – R18 REGULATION SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2021

TIME TABLE

TIME → FN: 9:45 AM TO 12:45 PM

BRANCH	DATE, SESSION AND DAY					
	06-09-2021 MONDAY	08-09-2021 WEDNESDAY	11-09-2021 SATURDAY	14-09-2021 TUESDAY	16-09-2021 THURSDAY	18-09-2021 SATURDAY
ELECTRONICS & COMMUNICATIONS ENGINEERING (04- ECE)	Probability Theory and Stochastic Processes	Network Analysis and Transmission Lines	Digital System Design	Signals and Systems	Electronic Devices and Circuits	-
COMPUTER SCIENCE & ENGINEERING (05- CSE)	Analog and Digital Electronics	Data Structures	Computer Oriented Statistical Methods	Object Oriented Programming using C++	Computer Organization and Architecture	-
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10EIE)	Electronic Measurements	Network Theory	Transducers Engineering	Signals and Systems	Electronic Devices and Circuits	-

DATE: 18-08-2021

Sd/-  
CONTROLLER OF EXAMINATIONS

CONTINUED ON PAGE –3



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

II YEAR B.TECH - I SEMESTER – R18 REGULATION SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2021

TIME TABLE

TIME → FN: 9:45 AM TO 12:45 PM

BRANCH	DATE, SESSION AND DAY					
	06-09-2021 MONDAY	08-09-2021 WEDNESDAY	11-09-2021 SATURDAY	14-09-2021 TUESDAY	16-09-2021 THURSDAY	18-09-2021 SATURDAY
INFORMATION TECHNOLOGY (12-IT)	Analog and Digital Electronics	Data Structures	Computer Oriented Statistical Methods	Object Oriented Programming using C++	Computer Organization and Microprocessor	-
MECHANICAL ENGINEERING (MECHATRONICS ) (14- MECT)	Probability and Statistics & Complex Variables	-	Mechanics of Solids	Thermal Science	Electronic Devices and Circuits	Material Science and Metallurgy
METALLURGY AND MATERIAL ENGINEERING (18- MMT)	Probability and Statistics & Complex Variables	Mineral Processing	Introduction to Transport Phenomenon	Physical Metallurgy	Materials Thermodynamics	-

DATE:18-08-2021

Sd/-  
CONTROLLER OF EXAMINATIONS

CONTINUED ON PAGE – 4

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

II YEAR B.TECH - I SEMESTER – R18 REGULATION SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2021

T I M E T A B L E

TIME → FN: 9:45 AM TO 12:45 PM

BRANCH	DATE, SESSION AND DAY					
	06-09-2021 MONDAY	08-09-2021 WEDNESDAY	11-09-2021 SATURDAY	14-09-2021 TUESDAY	16-09-2021 THURSDAY	18-09-2021 SATURDAY
<b>AERONUTICAL ENGINEERING (21- AE)</b>	Probability and Statistics & Complex Variables	Basic Electrical and Electronics Engineering	Theory of Structures	Fluid Mechanics and Hydraulics	Aerodynamics - I	-
<b>MINING ENGG. (25-MIE)</b>	Probability and Statistics & Complex Variables	-	Mechanics of Solids	Fluid Mechanics and Hydraulic Machines	Mine Surveying	Development of Mineral Deposits
<b>PETROLIUM ENGG. (27- PTME)</b>	Probability and Statistics & Complex Variables	Surveying and Offshore Structures	General Geology	-	Business Economics & Financial Analysis	Chemical Process Calculations
<b>INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)</b>	Analog & Digital Electronics	Data Structures	Statistical Methods for Data Science	Computer Organization & Microcontroller	Python Programming	-

DATE: 18-08-2021

NOTE:

- I) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- II) EVEN IF GOVERNMSNTT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

**Sd/-**  
**CONTROLLER OF EXAMINATION**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

E X A M I N A T I O N B R A N C H

B.TEC I YEAR I SEMESTER – R18 REGULATIONS I - MID TERM EXAMINATIONS JAN-2021

T I M E T A B L E

TIME → FN: 9.30 AM TO 10.50 AM

AN: 01.30 PM TO 02.50 PM

BRANCH	DATE, SESSION AND DAY			
	27-01-2021 FN WEDNESDAY	27-01-2021 AN WEDNESDAY	28-01-2021 FN THURSDAY	28-01-2021 AN THURSDAY
<b>CIVIL ENGINEERING (01-C E)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	---
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Chemistry  (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Basic Electrical Engineering  (Common to EEE, CSE, IT , ITE, CSE(C S), CSE(DS), CSE(Networks) &CE(SE))	English  (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>MECHANICAL ENGINEERING ( 03-ME)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE , CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	---

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

B.TEC I YEAR I SEMESTER – R18 REGULATIONS I - MID TERM EXAMINATIONS JAN-2021

TIME TABLE

TIME → FN: 9.30 AM TO 10.50 AM

AN: 01.30 PM TO 02.50 PM

BRANCH	DATE, SESSION AND DAY			
	27-01-2021 FN WEDNESDAY	27-01-2021 AN WEDNESDAY	28-01-2021 FN THURSDAY	28-01-2021 AN THURSDAY
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04- ECE)</b>	Mathematics-I (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Applied Physics (Common to ECE, EIE, CSE(AL&ML)& CSE(IOT))	---
<b>COMPUTER SCIENCE &amp; ENGINEERING (05- CSE)</b>	Mathematics-I (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Chemistry  (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Basic Electrical Engineering  (Common to EEE, CSE, IT, ITE, CSE(Cyber Security), CSE(Data Science), CSE(Networks) &Computer Engineering(Software Eng))	English  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics-I (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Applied Physics (Common to ECE, EIE, ,CSE(AL&ML)& CSE(IOT), )	---

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

E X A M I N A T I O N B R A N C H

B.TEC I YEAR I SEMESTER – R18 REGULATIONS I - MID TERM EXAMINATIONS JAN-2021

T I M E T A B L E

TIME → FN: 9.30 AM TO 10.50 AM

AN: 01.30 PM TO 02.50 PM

BRANCH	DATE, SESSION AND DAY			
	27-01-2021 FN WEDNESDAY	27-01-2021 AN WEDNESDAY	28-01-2021 FN THURSDAY	28-01-2021 AN THURSDAY
<b>INFORMATION TECHNOLOGY (12- IT)</b>	Mathematics-I (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Chemistry  (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Basic Electrical Engineering  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	English  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>MECHANICAL ENGINEERING (MECHATRONICS) (14-MECT)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE) )	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	-
<b>METALLURGY AND MATERIAL ENGINEERING (18-MME)</b>	Mathematics-I  ((Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Programming for Problem Solving (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	---

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085 EXAMINATION

BRANCH

**B.TEC I YEAR I SEMESTER – R18 REGULATIONS I - MID TERM EXAMINATIONS JAN-2021**

**TIME TABLE**

**TIME → FN: 9.30 AM TO 10.50 AM**

**AN: 01.30 PM TO 02.50 PM**

BRANCH	DATE, SESSION AND DAY			
	27-01-2021 FN WEDNESDAY	27-01-2021 AN WEDNESDAY	28-01-2021 FN THURSDAY	28-01-2021 AN THURSDAY
<b>AERONUTICAL ENGINEERING (21 – AE)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	--
<b>MINING ENGG. (25-MIE)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	--
<b>PTMETROLIUM ENGG. (27- PTME)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE) )	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE ,CSE(AL&ML), CSE(IOT)	Engineering Physics  (Common to CE, ME, AE, MECT, MME, MIE, PTME )	---

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085 E X A M I N

A T I O N B R A N C H

B.TEC I YEAR I SEMESTER – R18 REGULATIONS I - MID TERM EXAMINATIONS JAN-2021

TIME → FN: 9.30 AM TO 10.50 AM

AN: 01.30 PM TO 02.50 PM

BRANCH	DATE, SESSION AND DAY			
	27-01-2021 FN WEDNESDAY	27-01-2021 AN WEDNESDAY	28-01-2021 FN THURSDAY	28-01-2021 AN THURSDAY
<b>INFORMATION TECHNOLOGY AND ENGINEERING (34- ITE)</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE) )	Chemistry (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Basic Electrical Engineering  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	English  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>COMPUTER ENGINEERING (SOFTWARE ENGINEERING) (56-CE(SE))</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Chemistry (Common to EEE, CSE, IT , ITE, CSE(C S), CSE(DS), CSE(Networks) &CE(SE))	Basic Electrical Engineering  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	English  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (62-CSE(CS))</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Chemistry (Common to EEE, CSE, IT , ITE, CSE(C S), CSE(DS), CSE(Networks) &CE(SE))	Basic Electrical Engineering (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	English (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&amp;ML))</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE CSE(AL&ML), CSE(IOT) )	Applied Physics (Common to ECE, EIE, CSE(AL&ML)& CSE(IOT), )	---

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085 E X A M I N

A T I O N B R A N C H

B.TEC I YEAR I SEMESTER – R18 REGULATIONS I - MID TERM EXAMINATIONS JAN-2021

T I M E T A B L E

TIME → FN: 9.30 AM TO 10.50 AM

AN: 01.30 PM TO 02.50 PM

BRANCH	DATE, SESSION AND DAY			
	27-01-2021 FN WEDNESDAY	27-01-2021 AN WEDNESDAY	28-01-2021 FN THURSDAY	28-01-2021 AN THURSDAY
<b>COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE) (67-CSE(DS))</b>	Mathematics-I (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Chemistry  (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Basic Electrical Engineering  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	English  (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))
<b>COMPUTER SCIENCE AND ENGINEERING (IOT) (69-CSE(IOT))</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Programming for Problem Solving  (Common to CE, ME, AE, MECT, MME, MIE, PTME, ECE, EIE CSE(AL&ML), CSE(IOT) )	Applied Physics (Common to ECE, EIE, ,CSE(AL&ML)& CSE(IOT), )	---
<b>COMPUTER SCIENCE AND ENGINEERING (NETWORKS) (70-CSE(NETWORKS))</b>	Mathematics-I  (Common to CE, ME, AE, MECT MME, MIE, PTME, EEE, ECE, CSE, EIE, IT, ITE ,CSE(AL&ML), CSE(IOT), CSE(CS), CSE(DS), CSE(Networks) &CE(SE)	Chemistry  (Common to EEE, CSE, IT , ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	Basic Electrical Engineering (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))	English (Common to EEE, CSE, IT, ITE, CSE(CS), CSE(DS), CSE(Networks) &CE(SE))

DATE:18-01-2021

SD/-  
CONTROLLER OF EXAMINATIONS

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.



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME→ FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY	
<b>CIVIL ENGINEERING (01-CE)</b>	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>	<b>E5</b>	<b>E6</b>	
	Waste Management.	Industrial Waste Water Treatment	Air Transportation Systems	Elements of Earthquake Engineering. Common to (CE,CEE)	Geoenvironmental Engineering Common to (CE,CEE)	
	Pavement Design		Basics of Thermodynamics			
	Water Resources Systems Analysis.		. Design and Drawing of Irrigation Structures.	Characterization of Nanomaterials		Finite Element Methods for Common to (CE,CEE)
				Concepts of Nano Science And Technology		
				Data Analytics		
				Design and Selection of Engineering Materials		
				Disaster Management		
				Electromagnetic Interference and Compatibility		
				Electronic Measuring Instruments		
				Entrepreneur Resource Planning		
				Fundamentals of Liquefied Natural Gas		
				Health & Safety in Mines		
				Health, Safety and Environment in Petroleum Industry		
				Industrial Safety, Health, and Environmental Engineering		
				Introduction to Mechatronics		
				Linux Programming		
				Management Information Systems		
				Microprocessors and Microcontrollers		
				Organizational Behaviour		
				PC Based Instrumentation		
				PHP Programming		
				Production Planning and Control		
				R Programming		
				Reliability Engineering		
				Remote Sensing and GIS		
				Renewable Energy Sources		
				Rockets and Missiles		
Sensors and Transducers,						
Solid Fuel Technology						
Synthesis of Nanomaterials						
Telemetry and Telecontrol						
Total Quality Management						

Date: 28-04-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY	
<b>ELECTRICAL AND ELECTRONICS ENGINEERING  (02-EEE)</b>	E5	E6	<b>(OE3)</b>	-	<b>E6</b>	
	Artificial Neural Networks and Fuzzy Systems	Smart Electric Grid	Air Transportation Systems Basics of Thermodynamics			VLSI Design Common to BEE, E.Comp.E
		Utilization of Electric Power	Characterization of Nanomaterials Concepts of Nano Science And Technology			
		Electric and Hybrid Vehicles	Data Analytics Design and Selection of Engineering Materials			
	Electrical Distribution Systems		Disaster Management			
			Electromagnetic Interference and Compatibility			
	Electronic Measuring Instruments					
	Entrepreneurship and Small Business Enterprises					
	Environmental Impact Assessment					
	Fundamentals of Liquefied Natural Gas					
	Health & Safety in Mines					
	Health, Safety and Environment in Petroleum Industry					
	Industrial Safety, Health, and Environmental Engineering					
	Introduction to Mechatronics					
	Linux Programming					
	Microprocessors and Microcontrollers					
	Optimization Techniques in Engineering					
	PC Based Instrumentation					
	PHP Programming					
	Production Planning and Control					
	R Programming					
	Reliability Engineering					
	Remote Sensing and GIS					
	Renewable Energy Sources					
	Rockets and Missiles					
	Sensors and Transducers,					
	Solid Fuel Technology					
Synthesis of Nanomaterials						
Telemetry and Telecontrol						
Total Quality Management						

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>MECHANICAL ENGINEERING</b>  <b>(03-ME)</b>	<b>E5</b>	E6	<b>(OE3)</b>	<b>E6</b>	<b>E5</b>
	Fluid Power System	Advanced Mechanics of Solids	Air Transportation Systems	Automobile Engineering (ME,MSNT)	Automation in Manufacturing ( Common ME, MECT, MSNT
	Renewable Energy Sources	Unconventional Machining Processes	Characterization of Nanomaterials		
	Production Planning and Control	Advanced Materials Technology	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Remote Sensing and GIS		
Renewable Energy Sources					
Rockets and Missiles					
Sensors and Transducers,					
Solid Fuel Technology					
Synthesis of Nanomaterials					
Telemetry and Telecontrol					

Date: 28-04-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>ELECTRONICS AND COMMUNICATION ENGINEERING  (04-ECE)</b>	E5	E6	(OE3)		E5
	Network Security and Cryptography	Actuators and Robot Systems	Air Transportation Systems	-	Machine Learning (Common ECE, EIE, BME)
	System Design Using FPGAs	Analog CMOS IC Design	Organizational Behaviour		
	Optical Communications (Common TO ECE,ETM)	Global Positioning System	Basics of Thermodynamics		
			Management Information Systems		
		Computer Vision	Characterization of Nanomaterials		
			Entrepreneur Resource Planning		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
R Programming					
Reliability Engineering					
Remote Sensing and GIS					
Renewable Energy Sources					
Rockets and Missiles					
Sensors and Transducers,					
Solid Fuel Technology					
Synthesis of Nanomaterials					
Telemetry and Telecontrol					
Total Quality Management					

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY	
<b>COMPUTER SCIENCE AND ENGINEERING  (05-CSE)</b>	E5	E6	<b>(OE3)</b>			
	Information Theory & Coding	Advanced Algorithms	Air Transportation Systems			
	Real-Time Systems (Common to CSE, IT)	Web Services and Service Oriented Architecture	Basics of Thermodynamics			
	Data Analytics ( Common to CSE, IT)	Computer Forensics	Characterization of Nanomaterials			
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Common to CSE, IT)	Concepts of Nano Science And Technology			
			Data Analytics			
			Design and Selection of Engineering Materials			
			Disaster Management			
			Electromagnetic Interference and Compatibility			
			Electronic Measuring Instruments			
			Entrepreneur Resource Planning			
			Entrepreneurship and Small Business Enterprises			
			Environmental Impact Assessment			
			Fundamentals of Liquefied Natural Gas			
			Health & Safety in Mines			
			Health, Safety and Environment in Petroleum Industry			
			Industrial Safety, Health, and Environmental Engineering		-	-
			Introduction to Mechatronics			
			Management Information Systems			
			Microprocessors and Microcontrollers			
			Optimization Techniques in Engineering			
			Organizational Behaviour			
			PC Based Instrumentation			
			Production Planning and Control			
	Reliability Engineering					
	Renewable Energy Sources					
Rockets and Missiles						
Sensors and Transducers,						
Solid Fuel Technology						
Synthesis of Nanomaterials						
Telemetry and Telecontrol						
Total Quality Management						
Remote Sensing and GIS						

Date: 28-04-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

**TIME → FN: 10.00 AM TO 11.30 AM**  
**AN: 02.00 PM TO 03.30 PM**

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>ELECTRONIC S AND INSTRUMENT ATION ENGINEERIN G  (10-EIE)</b>	E5	E6	<b>OE3</b>	E6	<b>E6</b>
	Neural Networks and Fuzzy Logic	DSP Processors and Architectures (Common To EIE, BME)	Air Transportation Systems	Internet of Things Common EIE,BME, E.Comp.E	Machine Learning  (Common ECE, EIE, BME)
	MEMS and Applications		Basics of Thermodynamics	Reliability Engineering (Common EIE, AME)	
	Computer Networks		Characterization of Nanomaterials		
	Industrial Data Communications		Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
	Renewable Energy Sources				
	Rockets and Missiles				
	Solid Fuel Technology				
	Synthesis of Nanomaterials				
	Telemetry and Telecontrol				
	Total Quality Management				

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

**TIME → FN: 10.00 AM TO 11.30 AM**  
**AN: 02.00 PM TO 03.30 PM**

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY	
	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>	<b>E5</b>	<b>E6</b>	
<b>BIO-MEDICAL ENGINEERING G (11-BME)</b>	Medical Informatics	Bio MEMS	Air Transportation Systems	Internet of Things- (Common EIE,BME, E.Comp.E)	Machine Learning  (Common ECE, EIE, BME)	
	Physiological Systems Management	Biometric Systems	Basics of Thermodynamics			
	Embedded System Design	DSP Processors and Architectures (Common To EIE, BME)	Machine Learning			Linux Programming
						Characterization of Nanomaterials
						Concepts of Nano Science And Technology
						Data Analytics
						Design and Selection of Engineering Materials
						Disaster Management
						Electronic Measuring Instruments
						Entrepreneur Resource Planning
						Entrepreneurship and Small Business Enterprises
						Environmental Impact Assessment
						Fundamentals of Liquefied Natural Gas
						Health & Safety in Mines
						Health, Safety and Environment in Petroleum Industry
						Industrial Safety, Health, and Environmental Engineering
						Introduction to Mechatronics
						Management Information Systems
						Microprocessors and Microcontrollers
						Optimization Techniques in Engineering
						Organizational Behaviour
						PC Based Instrumentation
						PHP Programming
						Production Planning and Control
						R Programming
						Reliability Engineering
						Remote Sensing and GIS
						Renewable Energy Sources
						Rockets and Missiles
						Sensors and Transducers
						Solid Fuel Technology
						Synthesis of Nanomaterials
						Total Quality Management

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>		
	Steganography and Watermarking	Intrusion Detection System	Air Transportation Systems		
	Real-Time Systems (Common to CSE, IT)	ADHOC and Sensor Networks	Basics of Thermodynamics Telemetry and Telecontrol		
	Data Analytics Common to CSE, IT)	Human Computer Interaction	Characterization of Nanomaterials Total Quality Management Concepts of Nano Science And Technology		
	Modern Software Engineering (Common To CSE, IT)	Neural Networks and Deep Learning (Common To CSE, IT)	Data Analytics Design and Selection of Engineering Materials Disaster Management Electromagnetic Interference and Compatibility Electronic Measuring Instruments Entrepreneur Resource Planning Entrepreneurship and Small Business Enterprises Environmental Impact Assessment Fundamentals of Liquefied Natural Gas Health & Safety in Mines Health, Safety and Environment in Petroleum Industry Industrial Safety, Health, and Environmental Engineering Introduction to Mechatronics Management Information Systems Microprocessors and Microcontrollers Optimization Techniques in Engineering Organizational Behaviour PC Based Instrumentation Production Planning and Control Reliability Engineering Remote Sensing and GIS Renewable Energy Sources Rockets and Missiles Sensors and Transducers, Solid Fuel Technology Synthesis of Nanomaterials Rockets and Missiles		
<b>INFORMATION TECHNOLOGY</b>  (12- I T)				-	-



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY																														
<b>MECHANICAL ENGINEERING (MECHATRONICS)</b>  <b>(14-MECT)</b>	E5	E6	<b>(OE3)</b>	-	<b>E5</b>																														
	Product Design and Assembly Automation	Computational Fluid Dynamics	Air Transportation Systems		-	Automation in Manufacturing ( Common Common ME, MECT MSNT																													
		Power Plant Engineering	Basics of Thermodynamics																																
	MATLAB Applications	MEMS Design	Characterization of Nanomaterials				-	Automation in Manufacturing ( Common Common ME, MECT MSNT																											
	Mechanical Vibrations	Automotive Pollution and Control	Telemetry and Telecontrol						-	Automation in Manufacturing ( Common Common ME, MECT MSNT																									
			Total Quality Management																																
											Concepts of Nano Science And Technology	-	Automation in Manufacturing ( Common Common ME, MECT MSNT																						
											Data Analytics																								
											Design and Selection of Engineering Materials			-	Automation in Manufacturing ( Common Common ME, MECT MSNT																				
											Disaster Management																								
											Electromagnetic Interference and Compatibility					-	Automation in Manufacturing ( Common Common ME, MECT MSNT																		
											Electronic Measuring Instruments																								
											Entrepreneur Resource Planning							-	Automation in Manufacturing ( Common Common ME, MECT MSNT																
											Environmental Impact Assessment																								
											Fundamentals of Liquefied Natural Gas									-	Automation in Manufacturing ( Common Common ME, MECT MSNT														
											Health & Safety in Mines																								
											Health, Safety and Environment in Petroleum Industry											-	Automation in Manufacturing ( Common Common ME, MECT MSNT												
											Industrial Safety, Health, and Environmental Engineering																								
											Introduction to Mechatronics													-	Automation in Manufacturing ( Common Common ME, MECT MSNT										
											Linux Programming																								
											Management Information Systems															-	Automation in Manufacturing ( Common Common ME, MECT MSNT								
											Microprocessors and Microcontrollers																								
											Optimization Techniques in Engineering																	-	Automation in Manufacturing ( Common Common ME, MECT MSNT						
											Organizational Behaviour																								
											PC Based Instrumentation																			-	Automation in Manufacturing ( Common Common ME, MECT MSNT				
											PHP Programming																								
											R Programming																					-	Automation in Manufacturing ( Common Common ME, MECT MSNT		
											Reliability Engineering																								
											Remote Sensing and GIS																							-	Automation in Manufacturing ( Common Common ME, MECT MSNT
											Rockets and Missiles																								
Sensors and Transducers,				-							Automation in Manufacturing ( Common Common ME, MECT MSNT																								
Synthesis of Nanomaterials																																			
Solid Fuel Technology					-	Automation in Manufacturing ( Common Common ME, MECT MSNT																													

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

**TIME→ FN: 10.00 AM TO 11.30 AM**  
**AN: 02.00 PM TO 03.30 PM**

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>ELECTRONICS AND TELEMATICS ENGINEERING G (17-ETM)</b>	E5	E6	(OE3)		
	Optical Communications Common To ECE,ETM	Radar Systems	Air Transportation Systems		
	Wireless Communications and Networks	Satellite Communications	Basics of Thermodynamics Telemetry and Telecontrol		
	Advanced Telecommunication Technologies	Cloud computing	Characterization of Nanomaterials Total Quality Management		
	Database Management Systems	Wireless and Mobile Adhoc Networks	Concepts of Nano Science And Technology Data Analytics Design and Selection of Engineering Materials Disaster Management Electromagnetic Interference and Compatibility Entrepreneur Resource Planning Entrepreneurship and Small Business Enterprises Environmental Impact Assessment Fundamentals of Liquefied Natural Gas Health & Safety in Mines Health, Safety and Environment in Petroleum Industry Industrial Safety, Health, and Environmental Engineering Introduction to Mechatronics Linux Programming Management Information Systems Microprocessors and Microcontrollers Optimization Techniques in Engineering Organizational Behaviour PC Based Instrumentation PHP Programming Production Planning and Control R Programming Reliability Engineering Remote Sensing and GIS Renewable Energy Sources Rockets and Missiles Sensors and Transducers, Solid Fuel Technology Synthesis of Nanomaterials	-	-

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

**TIME→ FN: 10.00 AM TO 11.30 AM**

**AN: 02.00 PM TO 03.30 PM**

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>METALLURGI CAL AND MATERIALS ENGINEERING</b>  <b>(18-MME)</b>	E5	E6	<b>(OE3)</b>		
	Composite Materials	Advanced Manufacturing Technologies	Air Transportation Systems		
	Ferrolloys Technology	Nuclear Materials	Basics of Thermodynamics		
	Super Alloys	Advanced Materials	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
		Renewable Energy Sources			
		Rockets and Missiles			
		Sensors and Transducers,			
		Solid Fuel Technology			
		Synthesis of Nanomaterials			
		Telemetry and Telecontrol			
		Total Quality Management			

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

**TIME → FN: 10.00 AM TO 11.30 AM**  
**AN: 02.00 PM TO 03.30 PM**

<b>BRANCH</b>	<b>05-05-2021 FN WEDNESDAY</b>	<b>05-05-2021 AN WEDNESDAY</b>	<b>06-05-2021 FN THURSDAY</b>	<b>06-05-2021 AN THURSDAY</b>	<b>07-05-2021 FN FRIDAY</b>
	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>	<b>E6</b>	<b>E5</b>
<b>ELECTRONICS AND COMPUTER ENGINEERING  (19-E.COMP.E)</b>	Computer Graphics	Advanced Computer Architecture	Air Transportation Systems	Internet of Things (Common EIE, BME, E.Comp.E)	VLSI Design (Common to EEE, E.Comp.E)
			Basics of Thermodynamics		
	Data Warehousing and Data Mining	Data Communications	Characterization of Nanomaterials		
			Synthesis of Nanomaterials		
	Real Time Operating Systems	Multimedia and Rich Internet Applications	Concepts of Nano Science And Technology		
			Solid Fuel Technology		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
			Sensors and Transducers		
		Telemetry and Telecontrol			
		Total Quality Management			

Date: 28-04-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>AERONAUTICAL ENGINEERING (21-AE)</b>	E5	E6	<b>(OE3)</b>		
	Helicopter Engineering	Aeroelasticity	Basics of Thermodynamics		
	Fabrication and Machining of Composite Structures	Wind Engineering and Industrial Aerodynamics	Telemetry and Telecontrol		
	Airlines Planning, Scheduling and Operations	Heat Transfer	Total Quality Management		
	hypersonic aerodynamics	Ground Vehicle Aerodynamics	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems		
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
		R Programming			
		Reliability Engineering			
		Remote Sensing and GIS			
		Renewable Energy Sources			
		Sensors and Transducers,			
		Solid Fuel Technology			
		Synthesis of Nanomaterials			

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**

**T I M E T A B L E**

**TIME → FN: 10.00 AM TO 11.30 AM**  
**AN: 02.00 PM TO 03.30 PM**

<b>BRANCH</b>	<b>05-05-2021 FN WEDNESDAY</b>	<b>05-05-2021 AN WEDNESDAY</b>	<b>06-05-2021 FN THURSDAY</b>	<b>06-05-2021 AN THURSDAY</b>	<b>07-05-2021 FN FRIDAY</b>
	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>	<b>E5</b>	
<b>AUTOMOBILE ENGINEERING (24-AME)</b>	Finite Element Methods	Maintenance and Safety Engineering	Air Transportation Systems	Reliability Engineering (Common EIE,AME )	-
			Total Quality Management		
	Reliability Engineering	Green Engineering Systems	Basics of Thermodynamics		
	Vehicle Transport Management	Off-road Vehicles	Characterization of Nanomaterials		
			Synthesis of Nanomaterials		
	Plant Layout and Material Handling	Vehicle Condition Monitoring	Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Disaster Management		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Fundamentals of Liquefied Natural Gas		
			Health & Safety in Mines		
			Health, Safety and Environment in Petroleum Industry		
			Industrial Safety, Health, and Environmental Engineering		
			Linux Programming		
			Management Information Systems		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
		Reliability Engineering			
		Remote Sensing and GIS			
		Renewable Energy Sources			
		Rockets and Missiles			
		Sensors and Transducers,			
		Telemetry and Telecontrol			
		Solid Fuel Technology			

Date: 28-04-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
<b>MINING ENGINEERING G (25 - MNE)</b>	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>		
	Environmental Management in Mines	Mine Ventilation	Air Transportation Systems Synthesis of Nanomaterials		
	Coal Gasification, Coal Bed Methane & Shale Gas	Advanced Environmental Engineering	Basics of Thermodynamics Telemetry and Telecontrol		
	Computer Applications in Mining	Advanced Underground Coal Mining Technology	Characterization of Nanomaterials		
	Planning of Underground Metal Mining Project	Tunnel Engineering	Concepts of Nano Science And Technology Data Analytics Design and Selection of Engineering Materials Disaster Management Electromagnetic Interference and Compatibility Electronic Measuring Instruments Entrepreneur Resource Planning Entrepreneurship and Small Business Enterprises Environmental Impact Assessment Fundamentals of Liquefied Natural Gas Total Quality Management Health, Safety and Environment in Petroleum Industry Industrial Safety, Health, and Environmental Engineering Introduction to Mechatronics Linux Programming Management Information Systems Microprocessors and Microcontrollers Optimization Techniques in Engineering Organizational Behaviour PC Based Instrumentation PHP Programming Production Planning and Control R Programming Reliability Engineering Remote Sensing and GIS Renewable Energy Sources Rockets and Missiles Sensors and Transducers, Renewable Energy Sources	-	-

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>		
	Subsea Engineering	Enhanced Oil Recovery Techniques	Air Transportation Systems		
	Natural Gas Hydrates and Coal Bed Methane	Multi-phase Flow in Porous Media	Basics of Thermodynamics		
	Membrane Technology	Petroleum Management, Marketing and Finance	Characterization of Nanomaterials		
			Concepts of Nano Science And Technology		
			Data Analytics		
			Design and Selection of Engineering Materials		
			Electromagnetic Interference and Compatibility		
			Electronic Measuring Instruments		
			Entrepreneur Resource Planning		
			Entrepreneurship and Small Business Enterprises		
			Environmental Impact Assessment		
			Health & Safety in Mines		
			Industrial Safety, Health, and Environmental Engineering		
			Introduction to Mechatronics		
			Linux Programming		
			Management Information Systems	-	-
			Microprocessors and Microcontrollers		
			Optimization Techniques in Engineering		
			Organizational Behaviour		
			PC Based Instrumentation		
			PHP Programming		
			Production Planning and Control		
			R Programming		
			Reliability Engineering		
			Remote Sensing and GIS		
			Renewable Energy Sources		
			Rockets and Missiles		
			Sensors and Transducers,		
			Solid Fuel Technology		
			Synthesis of Nanomaterials		
			Telemetry and Telecontrol		
			Total Quality Management		

Date: 28-04-2021



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**  
**T I M E T A B L E**

**TIME→ FN: 10.00 AM TO 11.30 AM**  
**AN: 02.00 PM TO 03.30 PM**

<b>BRANCH</b>	<b>05-05-2021 FN WEDNESDAY</b>	<b>05-05-2021 AN WEDNESDAY</b>	<b>06-05-2021 FN THURSDAY</b>	<b>06-05-2021 AN THURSDAY</b>	<b>07-05-2021 FN FRIDAY</b>			
	<b>E5</b>	<b>E6</b>	<b>(OE3)</b>	<b>E6</b>	<b>E5</b>			
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING (28-C E E)</b>	Estimation and Costing	Stochastic Hydrology	Air Transportation Systems	Elements of Earthquake Engineering. (Common TO CE,CEE)	Geoenvironmental Engineering (Common to CE,CEE)			
		Traffic Engineering	Basics of Thermodynamics					
		Ground Improvement Techniques	Characterization of Nanomaterials					
	Foundation Engineering		Concepts of Nano Science And Technology					Finite Element Methods for Civil Engineering (Common to CE,CEE)
			Data Analytics					
			Design and Selection of Engineering Materials					
			Disaster Management					
			Electromagnetic Interference and Compatibility					
			Electronic Measuring Instruments					
			Entrepreneur Resource Planning					
			Environmental Impact Assessment					
			Fundamentals of Liquefied Natural Gas					
			Health & Safety in Mines					
			Health, Safety and Environment in Petroleum Industry					
			Industrial Safety, Health, and Environmental Engineering					
			Introduction to Mechatronics					
			Linux Programming					
			Management Information Systems					
			Microprocessors and Microcontrollers					
			Optimization Techniques in Engineering					
			Organizational Behaviour					
			PC Based Instrumentation					
			PHP Programming					
			Production Planning and Control					
			R Programming					
			Reliability Engineering					
			Rockets and Missiles					
			Telemetry and Telecontrol					
	Total Quality Management							
	Sensors and Transducers,							
	Synthesis of Nanomaterials							
	Renewable Energy Sources							

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**KUKATPALLY - HYDERABAD – 5000 85**  
**EXAMINATION BRANCH**  
**IVYEAR B.TECH – II SEMESTER– R16 REGULATION I - MID TERM EXAMINATIONS MAY-2021**

**T I M E T A B L E**

TIME → FN: 10.00 AM TO 11.30 AM  
AN: 02.00 PM TO 03.30 PM

BRANCH	05-05-2021 FN WEDNESDAY	05-05-2021 AN WEDNESDAY	06-05-2021 FN THURSDAY	06-05-2021 AN THURSDAY	07-05-2021 FN FRIDAY
	E5	E6	(OE3)	E5	E5
<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY)</b>  <b>(29 – MSNT)</b>	Tribology	Carbon Nano Materials and Applications	Air Transportation Systems Total Quality Management	Automobile Engineering (Common ME, MSNT)	Automation in Manufacturing (Common ME, MSNT)
	Mechanics of Composite Materials	Nano Composites	Basics of Thermodynamics Renewable Energy Sources		
		MEMS - NEMS Design and Applications	Rockets and Missiles Telemetry and Telecontrol		
		Nano Sensors and Actuators	Remote Sensing and GIS Sensors and Transducers, Data Analytics Design and Selection of Engineering Materials Disaster Management Electromagnetic Interference and Compatibility Electronic Measuring Instruments Entrepreneur Resource Planning Entrepreneurship and Small Business Enterprises Environmental Impact Assessment Fundamentals of Liquefied Natural Gas Health & Safety in Mines Health, Safety and Environment in Petroleum Industry Industrial Safety, Health, and Environmental Engineering Introduction to Mechatronics Linux Programming Management Information Systems Microprocessors and Microcontrollers Optimization Techniques in Engineering Organizational Behaviour PC Based Instrumentation PHP Programming Production Planning and Control R Programming Reliability Engineering Solid Fuel Technology		

SD/-

**CONTROLLER OF EXAMINATIONS**

**Date: 28-04-2021**

Note: ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.

- (i) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL
- (ii) 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.



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

Mahaveer Institute of Science and Technology(E3)

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

**COMPUTER SCIENCE AND ENGINEERING**

University Mid-1 Internal Marks Report-Date- 2021-09-21 14.43.33

HTNO	152AA	152AE	152AF	152AG
20E31A0501	20	25	23	23
20E31A0502	18	25	25	19
20E31A0503	13	22	24	15
20E31A0504	17	22	22	20
20E31A0505	25	21	20	20
20E31A0506	15	20	22	13
20E31A0507	16	18	18	18
20E31A0508	20	22	25	19
20E31A0509	25	25	24	21
20E31A0511	20	22	25	18
20E31A0512	10	16	23	20
20E31A0513	25	25	24	21
20E31A0514	25	23	24	20
20E31A0515	21	22	25	23
20E31A0516	16	20	22	19
20E31A0517	19	19	19	18
20E31A0518	19	24	24	19
20E31A0519	25	24	24	20
20E31A0520	13	20	24	18
20E31A0521	25	21	21	22
20E31A0522	20	22	20	17
20E31A0523	5	10	18	13
20E31A0524	25	20	20	19
20E31A0525	11	23	19	18
20E31A0526	5	21	20	20
20E31A0527	25	24	23	19
20E31A0528	25	24	24	18
20E31A0529	13	22	20	18
20E31A0530	11	24	21	19
20E31A0531	15	23	19	20
20E31A0532	15	21	19	12
20E31A0533	18	20	18	18

HTNO	152AA	152AE	152AF	152AG
20E31A0534	25	22	25	23
20E31A0535	5	24	24	19
20E31A0536	5	14	18	18
20E31A0537	10	17	24	19
20E31A0538	10	21	18	17
20E31A0539	10	17	19	12
20E31A0540	10	20	18	12
20E31A0541	16	24	24	18
20E31A0542	10	24	18	20
20E31A0543	13	17	19	13
20E31A0544	25	25	25	23
20E31A0545	8	12	18	17
20E31A0546	17	22	24	20
20E31A0547	18	19	21	21
20E31A0548	18	10	15	13
20E31A0549	11	20	24	17
20E31A0550	14	20	20	19
20E31A0551	10	20	21	16
20E31A0552	20	22	24	20
20E31A0553	10	22	25	20
20E31A0554	12	22	22	19
20E31A0555	25	24	23	19
20E31A0556	5	15	17	16
20E31A0557	-1	-1	-1	-1
20E31A0558	20	14	22	12
20E31A0559	18	22	23	17
20E31A0560	16	19	19	16
20E31A0561	10	21	19	17
20E31A0562	-1	-1	-1	12
20E31A0563	15	15	18	20
20E31A0564	13	15	20	21
20E31A0565	15	23	24	23
20E31A0566	15	24	24	22
20E31A0567	15	15	21	16
20E31A0568	15	21	20	12
20E31A0569	11	22	17	21
20E31A0570	13	14	20	16
20E31A0571	25	23	22	20
20E31A0572	5	15	17	20
20E31A0573	13	20	21	19
20E31A0574	15	20	22	18
20E31A0575	-1	-1	-1	-1

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

Subject Code	Subject Name
152AA	MATHEMATICS II
152AF	PROGRAMMING FOR PROBLEM SOLVING
152AE	APPLIED PHYSICS
152AG	ENGINEERING GRAPHICS

Signature Of Principal with Date & Office seal



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

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

University Mid-2 Internal Marks Report-Date- 2021-09-20 15.44.25

HTNO	152AA	152AE	152AF	152AG
20E31A0501	20	18	25	25
20E31A0502	20	15	24	21
20E31A0503	20	12	23	17
20E31A0504	20	18	22	22
20E31A0505	21	19	23	22
20E31A0506	5	5	15	15
20E31A0507	20	14	20	20
20E31A0508	22	15	21	21
20E31A0509	20	18	24	23
20E31A0511	19	10	22	20
20E31A0512	19	10	22	22
20E31A0513	21	14	25	23
20E31A0514	20	17	25	22
20E31A0515	18	18	24	25
20E31A0516	18	14	23	21
20E31A0517	16	12	22	20
20E31A0518	21	14	22	21
20E31A0519	20	16	23	22
20E31A0520	21	17	22	20
20E31A0521	20	18	24	24
20E31A0522	5	5	24	19
20E31A0523	13	14	19	15
20E31A0524	15	20	21	21
20E31A0525	17	16	21	20
20E31A0526	14	12	20	22
20E31A0527	21	15	24	21
20E31A0528	19	18	24	20
20E31A0529	18	16	23	20
20E31A0530	21	17	24	21
20E31A0531	15	10	20	22
20E31A0532	19	16	21	16
20E31A0533	21	15	24	20

HTNO	152AA	152AE	152AF	152AG
20E31A0534	23	16	25	25
20E31A0535	22	14	22	21
20E31A0536	21	17	22	20
20E31A0537	20	15	20	21
20E31A0538	20	15	23	19
20E31A0539	16	13	20	16
20E31A0540	5	-1	15	15
20E31A0541	19	17	20	20
20E31A0542	18	18	15	22
20E31A0543	5	10	5	16
20E31A0544	23	17	24	25
20E31A0545	18	16	20	19
20E31A0546	20	14	20	22
20E31A0547	21	18	20	23
20E31A0548	5	-1	15	15
20E31A0549	19	17	24	19
20E31A0550	15	8	20	21
20E31A0551	13	13	19	18
20E31A0552	18	17	23	22
20E31A0553	19	18	15	22
20E31A0554	17	17	20	21
20E31A0555	20	19	22	20
20E31A0556	10	11	23	18
20E31A0557	-1	-1	-1	-1
20E31A0558	5	5	15	15
20E31A0559	21	13	20	19
20E31A0560	19	12	21	18
20E31A0561	18	17	23	19
20E31A0562	-1	-1	-1	15
20E31A0563	17	13	20	23
20E31A0564	15	16	22	23
20E31A0565	19	18	25	25
20E31A0566	22	18	22	24
20E31A0567	15	10	20	18
20E31A0568	5	-1	15	15
20E31A0569	13	15	22	23
20E31A0570	13	17	23	18
20E31A0571	19	18	24	22
20E31A0572	5	12	19	22
20E31A0573	17	17	22	21
20E31A0574	5	-1	15	16
20E31A0575	-1	-1	-1	-1

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

Subject Code	Subject Name
152AA	MATHEMATICS II
152AF	PROGRAMMING FOR PROBLEM SOLVING
152AE	APPLIED PHYSICS
152AG	ENGINEERING GRAPHICS

Signature Of Principal with Date & Office seal





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

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY(E3)

B.Tech - R18 - I Year - II Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

University Mid-1 Internal Marks Report-Date- 2021-09-20 15.42.10

HTNO	152AA	152AE	152AF	152AG
20E31A0201	12	13	22	18
20E31A0202	14	9	20	14
20E31A0203	12	5	10	14
20E31A0204	12	11	22	14
20E31A0205	12	13	22	14
20E31A0206	12	11	19	14
20E31A0207	13	15	22	14
20E31A0208	17	13	22	14
20E31A0209	19	21	22	15

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

Subject Code	Subject Name
152AA	MATHEMATICS II
152AF	PROGRAMMING FOR PROBLEM SOLVING
152AE	APPLIED PHYSICS
152AG	ENGINEERING GRAPHICS

Signature Of Principal with Date & Office seal



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

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY(E3)

B.Tech - R18 - I Year - II Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

University Mid-2 Internal Marks Report-Date- 2021-09-20 15.42.21

HTNO	152AA	152AE	152AF	152AG
20E31A0201	13	5	10	17
20E31A0202	17	9	20	14
20E31A0203	14	6	20	17
20E31A0204	16	8	23	18
20E31A0205	15	15	14	14
20E31A0206	14	6	14	14
20E31A0207	14	8	20	17
20E31A0208	16	11	22	14
20E31A0209	16	9	22	15

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

Subject Code	Subject Name
152AA	MATHEMATICS II
152AF	PROGRAMMING FOR PROBLEM SOLVING
152AE	APPLIED PHYSICS
152AG	ENGINEERING GRAPHICS

Signature Of Principal with Date & Office seal



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

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY(E3)

B.Tech - R18 - I Year - II Semester

ELECTRONICS AND COMMUNICATION ENGINEERING

University Mid-1 Internal Marks Report-Date- 2021-09-20 15.43.34

HTNO	152AA	152AB	152AC	152AD
20E31A0401	11	16	17	21
20E31A0402	16	18	12	23
20E31A0403	-1	-1	-1	-1
20E31A0404	12	14	10	14
20E31A0405	17	14	11	15
20E31A0406	24	18	25	22
20E31A0408	17	15	19	20
20E31A0409	17	14	23	21
20E31A0410	12	16	17	23
20E31A0411	17	16	18	21
20E31A0412	17	15	25	23
20E31A0413	10	7	12	21
20E31A0414	16	17	11	22
20E31A0415	17	18	25	23
20E31A0416	-1	-1	20	20
20E31A0417	10	7	10	15
20E31A0418	13	14	21	23
20E31A0419	12	16	15	20
20E31A0420	19	16	20	22
20E31A0421	17	16	15	21
20E31A0422	6	6	8	17
20E31A0423	12	15	11	21
20E31A0424	18	16	10	18
20E31A0425	12	7	10	18
20E31A0426	6	5	8	17
20E31A0427	17	18	19	22
20E31A0428	7	5	17	20
20E31A0429	14	15	18	21
20E31A0430	6	9	10	17
20E31A0431	17	16	20	20
20E31A0432	12	15	13	23
20E31A0433	14	18	23	22

HTNO	152AA	152AB	152AC	152AD
20E31A0434	5	7	5	-1
20E31A0435	14	16	13	16
20E31A0436	9	15	10	13
20E31A0437	17	16	19	20
20E31A0438	12	-1	-1	-1
20E31A0439	23	18	25	21
20E31A0440	16	12	9	20
20E31A0441	16	18	14	22
20E31A0442	17	14	23	21
20E31A0443	17	-1	25	22
20E31A0444	4	-1	10	13
20E31A0445	9	10	10	23
20E31A0446	6	15	10	18
20E31A0447	16	10	14	22
20E31A0448	18	18	19	21
20E31A0449	15	14	12	22
20E31A0450	17	7	20	22
20E31A0451	16	14	19	22
20E31A0452	16	10	18	19
20E31A0453	14	5	9	20
20E31A0454	15	7	9	21
20E31A0455	19	5	20	20
20E31A0456	21	10	24	18

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

Subject Code	Subject Name
152AB	CHEMISTRY
152AA	MATHEMATICS II
152AD	ENGLISH
152AC	BASIC ELECTRICAL ENGINEERING

Signature Of Principal with Date & Office seal



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

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY(E3)

B.Tech - R18 - I Year - II Semester

ELECTRONICS AND COMMUNICATION ENGINEERING

University Mid-2 Internal Marks Report-Date- 2021-09-20 15.43.45

HTNO	152AA	152AB	152AC	152AD
20E31A0401	15	19	15	18
20E31A0402	11	19	17	17
20E31A0403	-1	15	-1	-1
20E31A0404	10	17	15	15
20E31A0405	15	16	13	13
20E31A0406	19	19	24	19
20E31A0408	20	17	18	19
20E31A0409	19	17	21	17
20E31A0410	-1	-1	5	-1
20E31A0411	17	19	20	19
20E31A0412	21	20	24	20
20E31A0413	13	17	16	16
20E31A0414	15	18	12	17
20E31A0415	18	21	24	18
20E31A0416	11	20	19	17
20E31A0417	8	17	14	14
20E31A0418	14	18	21	17
20E31A0419	12	-1	5	-1
20E31A0420	21	17	21	17
20E31A0421	14	18	18	18
20E31A0422	10	16	13	17
20E31A0423	8	19	13	15
20E31A0424	11	19	13	18
20E31A0425	7	16	11	17
20E31A0426	7	17	15	16
20E31A0427	14	19	21	20
20E31A0428	15	18	16	17
20E31A0429	15	17	19	17
20E31A0430	11	17	14	16
20E31A0431	13	18	22	17
20E31A0432	13	20	18	15
20E31A0433	19	18	22	19

HTNO	152AA	152AB	152AC	152AD
20E31A0434	13	16	22	15
20E31A0435	18	16	13	16
20E31A0436	13	17	12	15
20E31A0437	12	16	23	16
20E31A0438	-1	-1	-1	-1
20E31A0439	16	21	24	18
20E31A0440	-1	16	10	14
20E31A0441	14	20	12	18
20E31A0442	14	19	17	16
20E31A0443	18	20	23	18
20E31A0444	13	19	13	15
20E31A0445	14	21	14	15
20E31A0446	8	17	11	16
20E31A0447	15	18	20	17
20E31A0448	18	20	18	16
20E31A0449	-1	-1	5	-1
20E31A0450	17	20	19	14
20E31A0451	12	19	18	18
20E31A0452	13	19	15	19
20E31A0453	8	19	13	17
20E31A0454	14	16	13	17
20E31A0455	17	20	19	16
20E31A0456	18	20	23	21

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

Subject Code	Subject Name
152AB	CHEMISTRY
152AA	MATHEMATICS II
152AD	ENGLISH
152AC	BASIC ELECTRICAL ENGINEERING

Signature Of Principal with Date & Office seal



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

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY(E3)  
B.Tech - R18 - I Year - II Semester  
INFORMATION TECHNOLOGY

University Mid-1 Internal Marks Report-Date- 2021-09-20 15.44.48

HTNO	152AA	152AE	152AF	152AG
20E31A1201	15	15	20	19
20E31A1202	23	23	25	19
20E31A1203	15	13	20	18
20E31A1204	15	13	25	17
20E31A1205	15	11	19	14
20E31A1206	20	15	21	14
20E31A1207	25	23	20	18
20E31A1208	16	11	21	19
20E31A1209	15	13	20	16
20E31A1210	25	23	24	17
20E31A1211	17	13	22	16
20E31A1212	15	23	25	23
20E31A1213	17	23	24	19
20E31A1214	16	23	24	17
20E31A1215	20	19	25	15
20E31A1216	25	23	20	20
20E31A1217	17	25	21	15
20E31A1218	18	19	22	14
20E31A1219	12	11	22	14
20E31A1220	15	15	21	14
20E31A1221	17	19	22	19
20E31A1222	15	11	20	14
20E31A1223	15	25	21	14
20E31A1224	11	9	20	14

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

Subject Code	Subject Name
152AA	MATHEMATICS II
152AF	PROGRAMMING FOR PROBLEM SOLVING

152AE	APPLIED PHYSICS
152AG	ENGINEERING GRAPHICS

Signature Of Principal with Date & Office seal





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

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY(E3)  
B.Tech - R18 - I Year - II Semester  
INFORMATION TECHNOLOGY

University Mid-2 Internal Marks Report-Date- 2021-09-20 15.45.04

HTNO	152AA	152AE	152AF	152AG
20E31A1201	21	18	23	19
20E31A1202	20	21	22	23
20E31A1203	15	11	20	17
20E31A1204	15	9	25	20
20E31A1205	16	7	20	14
20E31A1206	15	9	22	20
20E31A1207	12	5	14	14
20E31A1208	14	9	23	20
20E31A1209	14	10	21	14
20E31A1210	15	18	24	20
20E31A1211	13	13	24	21
20E31A1212	22	17	23	23
20E31A1213	20	18	25	21
20E31A1214	12	13	22	17
20E31A1215	18	17	24	19
20E31A1216	16	16	20	23
20E31A1217	17	16	20	21
20E31A1218	13	11	21	18
20E31A1219	12	5	14	14
20E31A1220	15	10	22	14
20E31A1221	14	15	23	21
20E31A1222	12	5	15	14
20E31A1223	17	11	24	14
20E31A1224	12	11	21	18

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

Subject Code	Subject Name
152AA	MATHEMATICS II
152AF	PROGRAMMING FOR PROBLEM SOLVING

152AE	APPLIED PHYSICS
152AG	ENGINEERING GRAPHICS

Signature Of Principal with Date & Office seal



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

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

University Mid-1 Internal Marks Report-Date- 2021-09-20 15.42.57

HTNO	152AA	152AB	152AD	152AH
20E31A0301	15	12	12	13
20E31A0302	17	18	19	22
20E31A0303	19	-1	15	5
20E31A0304	17	16	18	22
20E31A0305	21	16	15	21
20E31A0306	-1	-1	3	5
20E31A0307	17	13	3	20
20E31A0308	19	15	3	22
20E31A0309	-1	-1	-1	5

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

Subject Code	Subject Name
152AB	CHEMISTRY
152AA	MATHEMATICS II
152AD	ENGLISH
152AH	ENGINEERING MECHANICS

Signature Of Principal with Date & Office seal



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

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

University Mid-2 Internal Marks Report-Date- 2021-09-20 15.43.11

HTNO	152AA	152AB	152AD	152AH
20E31A0301	20	16	16	17
20E31A0302	19	18	17	22
20E31A0303	20	20	18	15
20E31A0304	22	21	19	24
20E31A0305	21	20	19	22
20E31A0306	-1	-1	3	5
20E31A0307	18	17	13	17
20E31A0308	20	20	9	20
20E31A0309	-1	-1	-1	5

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

Subject Code	Subject Name
152AB	CHEMISTRY
152AA	MATHEMATICS II
152AD	ENGLISH
152AH	ENGINEERING MECHANICS

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R18 - II Year - II Semester  
AERONAUTICAL ENGINEERING

University Mid-1 Internal Marks Report-Date- 2021-09-18 13.51.12

HTNO	154AA	154AB	154AD	154BJ	154BY
17E31A2110	18	17	16	16	15
17E31A2117	19	19	19	24	18
17E31A2130	18	18	17	20	15
18E31A2107	17	18	15	22	21
18E31A2115	17	18	11	20	14
18E31A2117	-1	-1	-1	-1	-1
18E31A2118	17	18	17	18	16
18E31A2119	18	17	18	17	16
18E31A2127	-1	-1	-1	-1	-1
18E31A2132	18	16	18	16	16
19E31A2101	23	22	23	24	23
19E31A2102	21	21	21	23	22
19E31A2103	20	20	20	21	21
19E31A2104	21	22	21	22	20
19E31A2105	23	21	23	24	22
19E31A2106	17	21	17	23	21
19E31A2107	21	20	21	22	21
19E31A2108	18	21	18	23	20
19E31A2109	20	19	20	18	19
19E31A2110	22	22	22	24	22
19E31A2111	18	22	18	23	20
19E31A2112	18	21	18	23	20
19E31A2113	23	21	24	24	21
19E31A2114	20	22	20	22	22
19E31A2115	22	22	23	22	19
19E31A2116	18	21	18	21	18
19E31A2117	23	23	25	23	20
19E31A2118	20	20	20	23	20
19E31A2119	18	19	20	23	19
19E31A2120	18	18	20	23	22
19E31A2121	18	19	20	22	20
19E31A2122	-1	-1	-1	-1	-1

HTNO	154AA	154AB	154AD	154BJ	154BY
19E31A2123	19	18	18	23	21
19E31A2124	18	20	18	23	21
19E31A2125	-1	-1	-1	-1	-1
19E31A2126	24	24	25	23	21
19E31A2127	22	23	24	23	22
19E31A2128	20	20	21	23	20
19E31A2129	24	23	25	22	21
19E31A2131	-1	-1	-1	-1	-1
19E31A2132	21	20	21	20	20
20E35A2101	18	18	20	18	17
20E35A2102	20	21	25	23	22
20E35A2103	21	22	23	24	22
20E35A2104	22	21	25	23	22
20E35A2105	21	21	24	23	20
20E35A2106	20	22	24	23	20
20E35A2107	21	20	23	22	20

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

Subject Code	Subject Name
154BJ	LOW SPEED AERODYNAMICS
154AD	ANALYSIS OF AIRCRAFT STRUCTURES
154AB	AIRCRAFT MATERIALS AND PRODUCTION
154AA	AEROTHERMODYNAMICS
154BY	PROBABILITY DISTRIBUTIONS AND NUMERICAL METHODS

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R18 - II Year - II Semester  
AERONAUTICAL ENGINEERING

University Mid-2 Internal Marks Report-Date- 2021-09-17 14.29.23

HTNO	154AA	154AB	154AD	154BJ	154BY
17E31A2110	18	16	16	16	15
17E31A2117	19	18	19	18	15
17E31A2130	17	17	17	17	16
18E31A2107	18	17	14	17	19
18E31A2115	17	18	12	17	11
18E31A2117	-1	-1	-1	-1	-1
18E31A2118	17	18	17	18	17
18E31A2119	18	17	18	17	18
18E31A2127	-1	-1	-1	-1	-1
18E31A2132	18	16	18	16	18
19E31A2101	23	22	23	20	24
19E31A2102	19	19	19	19	23
19E31A2103	20	20	20	20	21
19E31A2104	21	18	21	18	21
19E31A2105	22	19	23	19	23
19E31A2106	18	17	18	17	20
19E31A2107	17	17	21	17	20
19E31A2108	18	18	18	17	18
19E31A2109	20	18	20	18	19
19E31A2110	23	19	23	18	23
19E31A2111	18	19	18	18	21
19E31A2112	18	20	18	17	18
19E31A2113	23	20	24	19	23
19E31A2114	23	20	20	22	22
19E31A2115	22	22	24	18	17
19E31A2116	18	18	18	18	20
19E31A2117	23	22	25	18	24
19E31A2118	18	19	20	19	24
19E31A2119	18	18	20	17	19
19E31A2120	17	18	20	18	23
19E31A2121	19	18	20	17	20
19E31A2122	-1	-1	-1	-1	-1

HTNO	154AA	154AB	154AD	154BJ	154BY
19E31A2123	21	18	19	17	22
19E31A2124	20	20	18	18	22
19E31A2125	-1	-1	-1	-1	-1
19E31A2126	24	23	25	17	22
19E31A2127	22	24	24	17	22
19E31A2128	20	21	21	17	23
19E31A2129	24	23	25	18	22
19E31A2131	-1	-1	-1	-1	-1
19E31A2132	20	20	22	21	20
20E35A2101	18	18	21	18	19
20E35A2102	21	19	25	17	23
20E35A2103	23	22	23	17	21
20E35A2104	21	21	25	17	23
20E35A2105	22	22	24	17	21
20E35A2106	19	21	24	17	21
20E35A2107	22	21	23	16	21

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

Subject Code	Subject Name
154BJ	LOW SPEED AERODYNAMICS
154AD	ANALYSIS OF AIRCRAFT STRUCTURES
154AB	AIRCRAFT MATERIALS AND PRODUCTION
154AA	AEROTHERMODYNAMICS
154BY	PROBABILITY DISTRIBUTIONS AND NUMERICAL METHODS

Signature Of Principal with Date & Office seal





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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R18 - II Year - II Semester  
CIVIL ENGINEERING

University Mid-1 Internal Marks Report-Date- 2021-09-13 12.14.37

HTNO	154AE	154AF	154AG	154BA	154CA	154CB	154SG
17E31A0115	-	19	18	22	23	21	21
18E31A0111	23	11	17	10	19	12	-
18E31A0115	25	11	18	21	22	23	-
18E31A0123	24	20	17	14	18	13	-
18E31A0125	23	20	19	23	22	21	-
18E31A0127	25	18	18	17	18	16	-
19E31A0101	12	13	17	10	17	10	-
19E31A0102	25	20	17	19	20	21	-
19E31A0103	25	21	18	24	19	23	-
19E31A0104	24	21	17	19	19	21	-
19E31A0105	24	20	18	17	19	19	-
19E31A0106	23	18	18	19	18	21	-
19E31A0107	24	20	17	18	20	17	-
19E31A0108	24	18	18	20	23	19	-
19E31A0109	24	21	17	23	18	22	-
19E31A0110	25	20	15	16	16	18	-
19E31A0111	23	11	18	19	18	21	-
19E31A0112	25	21	16	21	18	23	-
19E31A0113	25	21	15	14	18	16	-
19E31A0114	-1	-1	-1	-1	-1	-1	-
19E31A0115	25	20	19	14	17	16	-
19E31A0116	25	19	17	15	20	17	-
19E31A0117	25	20	18	24	22	23	-
19E31A0118	25	21	18	22	16	21	-
19E31A0119	24	19	15	14	14	13	-
19E31A0120	25	19	17	21	18	23	-
19E31A0121	24	20	17	15	23	17	-
19E31A0122	25	21	18	21	22	23	-
19E31A0123	25	21	19	24	23	23	-
19E31A0124	24	19	17	18	19	20	-
19E31A0126	22	21	17	16	18	18	-
19E31A0127	-1	-1	-1	-1	-1	-1	-

HTNO	154AE	154AF	154AG	154BA	154CA	154CB	154SG
19E31A0128	22	19	18	16	14	18	-
20E35A0101	25	20	18	18	21	17	-
20E35A0103	25	23	19	25	20	24	-
20E35A0104	25	23	19	25	24	24	-

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

Subject Code	Subject Name
154BA	HYDRAULICS AND HYDRAULIC MACHINERY
154CB	STRUCTURAL ANALYSIS I
154CA	STRENGTH OF MATERIALS II
154AG	BUILDING MATERIALS, CONSTRUCTION AND PLANNING
154AF	BASIC MECHANICAL ENGINEERING FOR CIVIL ENGINEERS
154AE	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
154SG	REMOTE SENSING AND GIS

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R18 - II Year - II Semester  
CIVIL ENGINEERING

University Mid-2 Internal Marks Report-Date- 2021-09-13 12.32.56

HTNO	154AE	154AF	154AG	154BA	154CA	154CB	154SG
17E31A0115	-	17	18	20	23	21	22
18E31A0111	13	13	15	15	19	15	-
18E31A0115	15	15	18	21	22	20	-
18E31A0123	10	14	17	16	17	18	-
18E31A0125	13	13	17	17	23	19	-
18E31A0127	15	14	16	14	18	20	-
19E31A0101	12	5	15	15	15	13	-
19E31A0102	16	14	16	15	18	16	-
19E31A0103	17	16	16	23	19	19	-
19E31A0104	11	14	16	15	18	14	-
19E31A0105	16	17	17	18	18	17	-
19E31A0106	15	13	16	14	17	17	-
19E31A0107	13	14	15	22	21	17	-
19E31A0108	16	16	15	19	23	19	-
19E31A0109	17	16	17	21	19	19	-
19E31A0110	5	5	15	9	14	13	-
19E31A0111	15	15	17	16	17	15	-
19E31A0112	12	15	17	16	20	16	-
19E31A0113	5	5	15	8	14	12	-
19E31A0114	-1	-1	-1	-1	-1	-1	-
19E31A0115	15	16	18	18	18	22	-
19E31A0116	15	13	17	18	19	21	-
19E31A0117	15	15	18	24	23	17	-
19E31A0118	13	14	15	18	18	16	-
19E31A0119	16	5	15	12	16	13	-
19E31A0120	16	14	15	12	19	16	-
19E31A0121	11	14	15	19	22	15	-
19E31A0122	18	16	16	22	22	19	-
19E31A0123	18	15	20	25	23	18	-
19E31A0124	13	16	16	17	18	18	-
19E31A0126	13	16	17	13	17	16	-
19E31A0127	-1	-1	-1	-1	-1	-1	-

HTNO	154AE	154AF	154AG	154BA	154CA	154CB	154SG
19E31A0128	17	16	15	16	14	16	-
20E35A0101	17	15	18	23	18	18	-
20E35A0103	22	16	19	24	20	23	-
20E35A0104	23	19	19	24	23	23	-

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

Subject Code	Subject Name
154BA	HYDRAULICS AND HYDRAULIC MACHINERY
154CB	STRUCTURAL ANALYSIS I
154CA	STRENGTH OF MATERIALS II
154AG	BUILDING MATERIALS, CONSTRUCTION AND PLANNING
154AF	BASIC MECHANICAL ENGINEERING FOR CIVIL ENGINEERS
154AE	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
154SG	REMOTE SENSING AND GIS

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - III Year - II Semester  
AERONAUTICAL ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 14.05.31

HNT0	12611	12622	126BU	126BV	126BW	126BX	126EA	126EB	126EC	126EE
12WJ1A2120	15	15	16	11	12	16	-	10	-	17
14E31A2101	17	17	19	22	18	19	-	18	-	19
14E31A2104	17	17	22	22	12	12	-	10	-	17
14E31A2105	22	22	23	23	21	21	-	19	-	24
14E31A2106	16	16	16	19	14	18	-	15	-	11
14E31A2109	19	19	21	14	18	19	-	17	-	19
14E31A2110	19	19	23	23	22	20	-	19	-	21
14E31A2111	16	16	18	22	17	21	-	16	-	18
14E31A2112	17	17	20	22	17	21	-	17	-	18
14E31A2113	16	16	18	20	16	20	-	16	-	16
14E31A2114	16	16	19	22	18	20	-	17	-	17
14E31A2116	16	16	18	22	16	12	-	16	-	18
14E31A2117	20	20	19	23	16	20	-	19	-	18
14E31A2118	21	21	21	22	18	20	-	16	-	17
14E31A2119	17	17	19	22	16	20	-	17	-	19
14E31A2120	18	18	19	22	17	19	-	17	-	18
14E31A2121	16	16	17	20	15	18	-	17	-	19
14E31A2124	16	16	19	22	15	19	-	17	-	18
14E31A2126	15	15	19	19	11	19	-	16	-	18
14E31A2130	18	18	19	22	17	20	-	16	-	18
14E31A2131	20	20	21	22	20	19	-	19	-	20
14E31A2132	20	20	21	22	17	22	-	17	-	17
14E31A2133	18	18	19	23	16	20	-	17	-	17
14E31A2134	17	17	18	22	16	22	-	17	-	18
14E31A2135	21	21	24	24	23	24	-	19	-	21
14E31A2137	20	20	21	23	20	21	-	18	-	20
14E31A2138	18	18	19	18	17	21	-	16	-	17
Total:27	48 1	48 1	52 8	56 8	45 5	52 3	0	44 8	0	49 0

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

Subject Code	Subject Name
126BX	CONCEPTUAL DESIGN OF FLIGHT VEHICLES
126BW	COMPUTATIONAL AERODYNAMICS
126EE	FINITE ELEMENT METHODS
126BV	AIRCRAFT SYSTEMS
126BU	AERO SPACE PROPULSIONII
126EC	DISASTER MANAGEMENT
126EB	HUMAN VALUES AND PROFESSIONAL ETHICS
12622	ADVANCED COMMUNICATION SKILLS LAB
126EA	INTELLECTUAL PROPERTY RIGHTS
12611	FLIGHT VEHICLE DESIGN & INSTRUMENTATION LAB

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - III Year - II Semester  
CIVIL ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-04-28 15.15.02

HNT0	116SC	12622	12623	126AA	126AB	126AC	126AD	126AE	126DV	126DW	126DX	126DY	126DZ	126SB
13E31A0102	-	21	18	19	-	-	-	16	13	12	-	16	13	-
13E31A0105	-	21	19	18	-	-	-	16	14	19	-	18	14	-
14E31A0101	-	17	20	18	-	-	-	15	19	16	-	18	18	-
14E31A0103	-	18	22	19	-	-	-	16	21	19	-	19	20	-
14E31A0104	-	21	23	21	-	-	-	19	22	23	-	22	21	-
14E31A0105	-	20	19	18	-	-	-	18	17	20	-	19	17	-
14E31A0106	-	16	19	17	-	-	-	15	17	17	-	19	15	-
14E31A0107	-	20	21	20	-	-	-	16	21	18	-	19	16	-
14E31A0108	-	16	19	18	-	-	-	16	15	17	-	18	14	-
14E31A0109	-	15	19	18	-	-	-	16	17	19	-	20	16	-
14E31A0111	-	20	19	18	-	-	-	16	19	14	-	19	17	-
14E31A0112	-	22	19	19	-	-	-	16	18	17	-	19	15	-
14E31A0113	-	18	19	21	-	-	-	18	20	20	-	21	19	-
14E31A0114	-	13	19	19	-	-	-	15	17	17	-	19	13	-
14E31A0115	-	13	19	18	-	-	-	15	16	16	-	19	15	-
14E31A0116	-	17	19	19	-	-	-	16	19	15	-	19	16	-
14E31A0117	-	18	20	20	-	-	-	17	20	17	-	19	17	-
14E31A0118	-	18	20	20	-	-	-	17	20	18	-	19	17	-
14E31A0119	-	14	19	17	-	-	-	14	15	14	-	18	13	-
14E31A0120	-	16	20	18	-	-	-	17	20	14	-	20	14	-
14E31A0121	-	22	24	21	-	-	-	19	23	21	-	23	21	-
14E31A0122	-	22	21	20	-	-	-	17	22	19	-	21	22	-
14E31A0123	-	17	19	18	-	-	-	17	20	17	-	19	19	-
14E31A0124	-	17	20	17	-	-	-	15	18	17	-	18	14	-
14E31A0125	-	19	20	18	-	-	-	15	18	17	-	19	14	-
14E31A0126	-	15	19	19	-	-	-	16	17	17	-	18	16	-
14E31A0127	-	22	19	17	-	-	-	16	17	18	-	19	13	-
14E31A0128	-	14	18	18	-	-	-	15	17	13	-	18	14	-
14E31A0129	-	14	17	18	-	-	-	17	18	16	-	18	16	-
14E31A0130	-	15	19	19	-	-	-	15	16	16	-	17	16	-
14E31A0131	-	14	19	20	-	-	-	17	17	19	-	19	14	-
14E31A0134	-	21	19	18	-	-	-	17	18	16	-	18	14	-

HNT0	116SC	12622	12623	126AA	126AB	126AC	126AD	126AE	126DV	126DW	126DX	126DY	126DZ	126SB
14E31A0136	-	21	18	17	-	-	-	15	15	16	-	19	14	-
14E31A0137	-	16	19	17	-	-	-	15	16	17	-	19	15	-
14E31A0139	-	22	21	20	-	-	-	17	21	18	-	20	21	-
14E31A0140	-	13	23	18	-	-	-	17	22	18	-	20	19	-
14E31A0141	-	18	20	17	-	-	-	15	17	14	-	16	13	-
14E31A0142	-	21	20	18	-	-	-	16	19	15	-	19	14	-
14E31A0144	-	19	20	17	-	-	-	16	19	16	-	19	14	-
14E31A0145	-	21	24	21	-	-	-	18	22	22	-	22	23	-
14E31A0147	-	18	20	18	-	-	-	16	13	16	-	17	13	-
14E31A0148	-	14	19	18	-	-	-	15	17	14	-	19	14	-
14E31A0149	-	21	21	20	-	-	-	17	18	17	-	21	21	-
14E31A0150	-	22	20	19	-	-	-	17	16	17	-	18	14	-
14E31A0151	-	22	24	20	-	-	-	19	22	21	-	22	22	-
14E31A0152	-	22	19	19	-	-	-	17	19	16	-	18	14	-
14E31A0153	-	22	17	17	-	-	-	16	14	15	-	15	14	-
14E31A0154	-	16	19	19	-	-	-	17	18	19	-	19	15	-
14E31A0155	-	22	18	18	-	-	-	18	16	17	-	18	14	-
14E31A0156	-	-1	17	9	-	-	-	7	8	6	-	11	6	-
14E31A0157	-	22	23	20	-	-	-	18	22	17	-	21	21	-
14E31A0158	-	14	20	20	-	-	-	16	19	18	-	19	16	-
14E31A0159	-	14	20	18	-	-	-	13	17	14	-	17	13	-
15E35A0101	-	20	19	17	-	-	-	17	16	18	-	19	15	-
15E35A0102	-	21	20	18	-	-	-	17	16	15	-	20	13	-
15E35A0103	-	21	19	18	-	-	-	17	18	18	-	19	13	-
15E35A0104	-	20	19	18	-	-	-	16	17	17	-	19	16	-
15E35A0105	-	20	19	18	-	-	-	16	17	17	-	19	13	-
15E35A0106	-	20	21	18	-	-	-	18	16	18	-	19	14	-
15E35A0107	-	22	19	18	-	-	-	17	18	18	-	19	17	-
15E35A0108	-	22	20	18	-	-	-	17	16	20	-	15	16	-
15E35A0109	-	14	20	18	-	-	-	16	17	18	-	17	13	-
15E35A0110	-	15	20	18	-	-	-	17	17	16	-	18	13	-
15E35A0112	-	20	20	18	-	-	-	16	16	17	-	19	13	-
Total:64	0	11 61	12 64	11 75	0	0	0	10 39	11 35	10 83	0	11 99	99 9	0

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

Subject Code	Subject Name
126AB	ELEMENTS OF EARTHQUAKE ENGINEERING
126AC	ENVIRONMENTAL IMPACT ASSESSMENT
126AA	ENVIRONMENTAL ENGINEERING
12622	ADVANCED COMMUNICATION SKILLS LAB
12623	GEOTECHNICAL ENGINEERING LAB



126AD	GROUND IMPROVEMENT TECHNIQUES
126AE	TRANSPORTATION ENGINEERINGI
126SB	GROUND IMPROVEMENT TECHNIQUES
126DY	STEEL STRUCTURES DESIGN AND DRAWING
126DZ	STRUCTURAL ANALYSISII
126DW	GROUND WATER HYDROLOGY
126DX	PRINCIPLES OF ENTREPRENEURSHIP
126DV	FOUNDATION ENGINEERING
116SC	DISASTER MANAGEMENT(2.00PM TO 5.00PM)

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - III Year - II Semester  
COMPUTER SCIENCE AND ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 13.14.25

HNT0	116FA	116FB	12604	12622	126AP	126AQ	126EJ	126EP	126EQ	126ER
13E31A0515	-	-2	19	15	19	16	18	17	18	14
13E31A05C3	-	-2	18	14	8	15	17	17	17	12
14E31A0501	-	-2	20	22	22	15	18	17	18	20
14E31A0502	-	-2	23	22	22	21	17	22	23	21
14E31A0503	-	-2	23	21	22	19	18	21	21	18
14E31A0504	-	-2	18	20	19	16	9	10	17	12
14E31A0505	-	-2	20	24	22	17	12	17	19	14
14E31A0507	-	-2	19	21	23	18	18	22	19	20
14E31A0508	-	-2	19	17	21	16	12	18	17	10
14E31A0511	-	-2	19	12	19	16	14	17	19	14
14E31A0513	-	-2	20	17	21	15	14	20	18	17
14E31A0514	-	-2	25	20	23	20	19	22	23	21
14E31A0517	-	-2	18	15	19	14	13	20	17	12
14E31A0518	-	-2	20	17	19	17	16	21	18	14
14E31A0519	-	-2	25	21	22	21	18	23	22	17
14E31A0520	-	-2	25	21	22	21	16	21	23	21
14E31A0521	-	-2	23	21	21	20	14	19	22	16
14E31A0522	-	-2	23	20	20	18	14	21	19	17
14E31A0523	-	-2	25	22	22	22	19	21	24	20
14E31A0524	-	-2	21	16	21	15	11	12	18	12
14E31A0526	-	-2	23	24	22	19	17	21	21	20
14E31A0527	-	-2	24	19	22	21	17	22	23	17
14E31A0528	-	-2	23	19	21	11	15	18	23	18
14E31A0529	-	-2	24	22	22	20	19	19	22	19
14E31A0530	-	-2	16	21	22	14	12	19	16	15
14E31A0533	-	-2	18	17	20	15	13	19	17	15
14E31A0535	-	-2	22	21	22	18	14	18	20	17
14E31A0536	-	-2	23	22	20	18	15	20	20	17
14E31A0537	-	-2	22	20	21	10	12	18	18	13
14E31A0538	-	-2	20	20	20	18	14	17	19	18
14E31A0541	-	-2	21	20	21	19	15	18	21	17
14E31A0542	-	-2	19	20	20	18	12	17	18	17

HNT0	116FA	116FB	12604	12622	126AP	126AQ	126EJ	126EP	126EQ	126ER
14E31A0543	-	-2	23	21	20	20	17	21	21	18
14E31A0544	-	-2	20	18	21	17	17	22	18	15
14E31A0546	-	-2	25	22	21	19	19	23	21	22
14E31A0547	-	-2	25	24	22	13	19	21	22	22
14E31A0548	-	-2	25	23	23	21	19	19	23	19
14E31A0551	-	-2	22	21	21	17	14	17	20	18
14E31A0552	-	-2	20	17	21	18	13	20	20	19
14E31A0553	-	-2	22	23	21	20	15	20	21	17
14E31A0554	-	-2	23	17	22	19	16	20	22	18
14E31A0555	-	-2	17	16	18	14	11	14	16	13
14E31A0556	-	-2	24	19	20	17	16	22	20	16
14E31A0557	-	-2	22	20	20	18	8	11	18	13
14E31A0558	-	-2	24	23	22	19	16	21	20	20
14E31A0559	-	-2	19	21	21	16	14	20	19	14
14E31A0560	-	-2	18	16	19	16	12	17	19	12
14E31A0562	-	-2	18	22	19	16	15	15	17	16
14E31A0563	-	-2	18	20	21	16	15	19	19	18
14E31A0564	-	-2	19	24	20	20	20	22	23	18
14E31A0565	-	-2	20	22	19	17	18	21	22	19
14E31A0566	-	-2	17	19	20	13	15	16	17	13
14E31A0567	-	-2	18	19	19	19	18	23	24	19
14E31A0568	-	-2	20	18	21	17	15	19	18	16
14E31A0569	-	-2	18	22	22	12	16	15	16	13
14E31A0572	-	-2	20	20	19	15	16	19	18	16
14E31A0573	-	-2	10	17	19	15	18	19	12	13
14E31A0574	-	-2	17	19	10	19	18	21	22	21
14E31A0575	-	-2	22	20	22	21	21	22	24	20
14E31A0576	-	-2	18	20	20	18	18	21	19	17
14E31A0577	-	17	10	23	-2	12	17	19	21	13
14E31A0578	-	-2	18	21	20	13	16	17	19	17
14E31A0580	-	-2	16	19	18	15	13	16	16	12
14E31A0582	-	-2	19	21	21	19	18	20	20	19
14E31A0583	-	-2	19	22	23	18	17	18	18	16
14E31A0585	-	-2	18	19	20	18	17	20	21	19
14E31A0586	-	-2	23	22	21	17	19	21	23	21
14E31A0587	-	-2	15	17	17	16	14	14	17	10
14E31A0588	-	-2	-1	-1	-1	-1	-1	2	-1	-1
14E31A0589	-	-2	18	22	22	18	17	20	21	18
14E31A0590	-	-2	17	17	22	14	15	15	17	14
14E31A0591	-	-2	20	21	23	18	18	18	21	15
14E31A0595	-	18	22	21	-2	20	18	22	22	21
14E31A0596	-	-2	21	21	21	20	12	21	21	22
14E31A0597	-	-2	22	21	22	17	18	21	22	18
14E31A0599	-	-2	20	17	20	16	17	18	21	18
14E31A05A0	-	-2	18	18	21	17	15	20	18	17

HNT0	116FA	116FB	12604	12622	126AP	126AQ	126EJ	126EP	126EQ	126ER
14E31A05A1	-	-2	17	18	21	16	16	19	18	15
14E31A05A3	-	-2	19	18	23	22	20	22	23	19
14E31A05A4	-	-2	20	20	21	16	18	16	17	15
14E31A05A6	-	-2	23	23	24	19	21	23	25	21
14E31A05A7	-	-2	20	23	22	19	21	23	25	19
14E31A05A8	-	-2	19	18	18	12	16	13	20	12
14E31A05A9	-	-2	18	18	18	16	16	19	18	13
14E31A05B0	-	-2	22	19	21	17	18	19	22	19
14E31A05B1	-	-2	19	19	21	15	15	20	23	17
14E31A05B2	-	-2	18	17	20	14	18	17	19	16
14E31A05B3	-	-2	17	21	21	18	19	19	20	16
14E31A05B5	-	-2	19	15	20	16	17	15	18	10
14E31A05B6	-	-2	19	15	18	17	15	13	17	14
14E31A05B7	-	-2	18	22	18	15	16	19	20	17
14E31A05B8	-	-2	20	19	19	18	18	19	19	10
14UJ1A0519	-	-2	21	21	19	19	15	19	22	17
15E35A0501	-	-2	18	14	9	18	8	9	17	13
Total:94	0	35	18 65	18 28	18 47	15 90	14 79	17 50	18 42	15 33

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

Subject Code	Subject Name
126AQ	INFORMATION SECURITY
126AP	DISTRIBUTED SYSTEMS
116FA	INTRODUCTION TO ANALYTICS
116FB	INFORMATION SECURITY MANAGEMENT
126EJ	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS
126EP	WEB TECHNOLOGIES
126EQ	OBJECT ORIENTED ANALYSIS AND DESIGN
12622	ADVANCED COMMUNICATION SKILLS LAB
126ER	SOFTWARE TESTING METHODOLOGIES
12604	CASE TOOLS AND WEB TECHNOLOGIES LAB

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)

**B.Tech - R13 - III Year - II Semester**

**ELECTRICAL AND ELECTRONICS ENGINEERING**

Final University Consolidated Internal Marks Report-Date- 2017-05-01 12.26.25

HNT0	116SA	12601	12602	126AF	126AG	126AH	126AJ	126AK	126EA	126EB	126EC
13E31A0215	-	20	21	24	20	20	22	19	-	19	-
14E31A0201	-	18	20	20	20	20	18	15	-	15	-
14E31A0202	-	21	23	20	19	17	20	19	-	20	-
14E31A0203	-	20	23	21	16	19	18	19	-	20	-
14E31A0204	-	10	10	17	18	13	11	10	-	17	-
14E31A0205	-	24	21	22	22	19	22	21	-	20	-
14E31A0210	-	17	19	20	18	16	18	14	-	16	-
14E31A0211	-	18	19	18	17	16	16	16	-	16	-
14E31A0213	-	20	23	18	17	17	15	17	-	16	-
14E31A0214	-	20	23	21	20	20	18	18	-	17	-
14E31A0215	-	19	22	21	19	19	21	18	-	16	-
14E31A0216	-	18	22	21	14	15	11	16	-	18	-
14E31A0217	-	23	23	24	20	19	23	21	-	22	-
14E31A0218	-	21	22	24	20	20	21	19	-	21	-
14E31A0219	-	20	22	23	20	21	20	20	-	20	-
14E31A0220	-	22	24	21	19	17	15	19	-	18	-
14E31A0221	-	17	18	19	15	14	15	17	-	15	-
14E31A0222	-	22	22	19	19	16	18	19	-	11	-
14E31A0223	-	20	23	21	18	18	17	18	-	18	-
14E31A0224	-	18	20	21	18	18	16	15	-	17	-
14E31A0225	-	19	20	20	19	17	16	14	-	15	-
14E31A0226	-	18	20	20	18	15	17	15	-	15	-
14E31A0227	-	22	21	20	15	15	20	15	-	21	-
14E31A0228	-	17	20	21	14	17	19	15	-	17	-
15E35A0201	-	18	21	22	14	19	20	15	-	16	-
15E35A0202	-	17	20	20	13	18	19	14	-	16	-
15E35A0204	-	20	20	21	21	18	18	17	-	17	-
15E35A0205	-	5	7	12	12	15	18	12	-	9	-
15E35A0206	-	18	20	18	15	16	18	15	-	16	-
15E35A0207	-	18	18	19	13	16	11	10	-	6	-
15E35A0208	-	19	20	21	16	11	19	17	-	18	-
15E35A0209	-	17	20	21	11	18	17	15	-	15	-

HNTO	116SA	12601	12602	126AF	126AG	126AH	126AJ	126AK	126EA	126EB	126EC
Total:32	0	59 6	64 7	65 0	55 0	54 9	56 7	52 4	0	53 3	0

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

Subject Code	Subject Name
12602	POWER ELECTRONICS AND SIMULATION LAB
12601	CONTROL SYSTEMS AND SIMULATION LAB
126AJ	STATIC DRIVES
116SA	ADVANCED COMMUNICATION SKILLS LAB
126AK	MICROPROCESSORS AND INTERFACING DEVICES
126AH	ELECTRICAL AND ELECTRONICS INSTRUMENTATION
126EC	DISASTER MANAGEMENT
126AF	ENVIRONMENTAL STUDIES
126EB	HUMAN VALUES AND PROFESSIONAL ETHICS
126AG	COMPUTER METHODS IN POWER SYSTEMS
126EA	INTELLECTUAL PROPERTY RIGHTS

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)

**B.Tech - R13 - III Year - II Semester**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

Final University Consolidated Internal Marks Report-Date- 2017-05-01 11.23.56

HNT0	12603	12625	126AN	126EA	126EB	126EC	126EJ	126EK	126EM	126EN
13E31A0467	17	17	14	-	15	-	15	14	8	18
14E31A0401	22	22	19	-	17	-	17	17	20	18
14E31A0402	20	17	5	-	17	-	11	15	8	9
14E31A0403	18	17	10	-	10	-	10	11	5	8
14E31A0404	20	17	17	-	18	-	18	22	18	18
14E31A0405	21	16	16	-	10	-	16	17	17	17
14E31A0406	18	21	16	-	15	-	17	18	17	17
14E31A0407	20	18	7	-	16	-	7	21	17	17
14E31A0408	20	21	14	-	16	-	17	20	14	13
14E31A0410	18	21	17	-	15	-	16	21	15	16
14E31A0411	19	20	19	-	18	-	19	19	15	20
14E31A0412	21	20	17	-	18	-	15	20	15	15
14E31A0413	22	21	21	-	21	-	18	22	16	22
14E31A0414	22	21	20	-	15	-	20	20	17	19
14E31A0415	22	21	22	-	19	-	21	21	20	21
14E31A0416	17	14	17	-	16	-	15	17	15	11
14E31A0417	19	19	22	-	19	-	21	20	20	21
14E31A0418	17	13	12	-	15	-	14	16	13	13
14E31A0420	20	13	16	-	16	-	16	17	14	13
14E31A0421	17	17	12	-	15	-	9	16	12	10
14E31A0422	19	21	19	-	17	-	14	21	15	12
14E31A0423	20	13	9	-	17	-	8	18	9	12
14E31A0426	18	21	17	-	18	-	16	21	16	20
14E31A0427	21	21	20	-	20	-	18	19	17	21
14E31A0428	21	21	21	-	19	-	20	21	19	21
14E31A0430	19	19	18	-	19	-	15	21	17	23
14E31A0431	20	22	19	-	18	-	13	19	19	15
14E31A0432	18	17	13	-	17	-	13	17	13	16
14E31A0434	17	13	16	-	16	-	15	17	14	9
14E31A0435	18	19	16	-	17	-	15	17	16	17
14E31A0436	21	16	15	-	11	-	17	16	17	7
14E31A0437	18	18	21	-	17	-	16	18	19	16

HNT0	12603	12625	126AN	126EA	126EB	126EC	126EJ	126EK	126EM	126EN
14E31A0439	18	19	19	-	20	-	17	22	18	22
14E31A0440	24	23	20	-	20	-	19	23	20	23
14E31A0441	23	20	19	-	22	-	21	24	21	21
14E31A0443	19	22	13	-	17	-	15	20	16	10
14E31A0445	20	21	20	-	17	-	19	21	20	23
14E31A0446	19	18	17	-	16	-	16	21	17	15
14E31A0447	17	14	17	-	16	-	17	18	18	7
14E31A0448	24	23	20	-	20	-	19	22	19	22
14E31A0449	23	22	12	-	21	-	12	23	18	23
14E31A0452	19	19	11	-	10	-	7	17	9	8
14E31A0453	21	19	18	-	17	-	19	21	18	16
14E31A0454	18	23	19	-	18	-	16	19	17	23
14E31A0458	18	17	17	-	16	-	16	19	15	14
14E31A0459	-1	-1	6	-	4	-	9	21	14	6
14E31A0460	19	20	18	-	19	-	15	20	14	20
14E31A0461	20	18	19	-	20	-	16	19	15	19
14E31A0462	22	21	21	-	20	-	18	23	17	20
14E31A0463	19	18	20	-	20	-	15	22	19	19
14E31A0466	21	20	17	-	19	-	14	20	13	18
14E31A0467	23	21	19	-	21	-	19	23	18	19
14E31A0470	18	15	14	-	16	-	14	18	5	17
14E31A0471	22	20	17	-	19	-	17	21	16	18
14E31A0472	22	19	17	-	16	-	14	17	13	17
14E31A0473	15	19	14	-	16	-	15	14	13	17
14E31A0474	23	19	18	-	21	-	20	24	16	19
14E31A0475	16	14	13	-	17	-	12	8	8	17
14E31A0476	15	16	18	-	18	-	12	15	12	19
14E31A0477	19	17	19	-	20	-	14	21	16	18
14E31A0478	20	18	18	-	18	-	16	24	18	20
14E31A0479	19	21	19	-	16	-	18	17	14	18
14E31A0480	20	22	20	-	17	-	17	24	17	18
14E31A0481	18	18	20	-	19	-	18	22	17	20
14E31A0483	19	20	17	-	17	-	15	19	17	19
14E31A0484	20	20	10	-	16	-	15	16	14	19
14E31A0485	23	23	19	-	21	-	18	24	19	19
14E31A0486	22	20	12	-	19	-	8	23	19	20
14E31A0488	14	14	9	-	16	-	14	14	7	13
14E31A0489	15	23	18	-	18	-	17	16	15	19
14E31A0490	15	23	19	-	18	-	16	20	17	18
14E31A0491	18	20	10	-	15	-	13	15	12	17
14E31A0493	17	20	19	-	16	-	16	19	16	19
14E31A0495	22	22	19	-	19	-	18	24	18	18
14E31A0496	20	22	17	-	14	-	16	21	16	17
14E31A0497	20	22	21	-	20	-	21	24	17	20
14E31A0498	16	13	19	-	17	-	16	21	14	19



HNT0	12603	12625	126AN	126EA	126EB	126EC	126EJ	126EK	126EM	126EN
14E31A0499	19	23	21	-	21	-	20	24	16	19
15E35A0401	16	15	12	-	16	-	15	16	9	16
15E35A0402	20	18	18	-	19	-	18	20	14	19
15E35A0403	15	20	16	-	11	-	15	17	14	16
15E35A0404	20	13	10	-	16	-	17	21	9	17
15E35A0405	21	19	19	-	19	-	20	22	17	19
15E35A0406	16	15	14	-	15	-	16	18	9	19
15E35A0407	22	21	19	-	20	-	19	24	14	19
15E35A0408	20	22	16	-	16	-	15	18	17	19
15E35A0409	21	18	16	-	16	-	16	17	15	18
15E35A0411	14	16	9	-	17	-	14	15	10	17
Total:88	16 79	16 45	14 45	0	15 05	0	13 86	17 00	13 33	15 06

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

Subject Code	Subject Name
12625	MICROPROCESSORS AND MICROCONTROLLERS LAB
126EN	VLSI DESIGN
126EM	MICROPROCESSORS AND MICROCONTROLLERS
126EK	DIGITAL SIGNAL PROCESSING
126EJ	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS
126AN	DIGITAL COMMUNICATIONS
126EC	DISASTER MANAGEMENT
126EB	HUMAN VALUES AND PROFESSIONAL ETHICS
126EA	INTELLECTUAL PROPERTY RIGHTS
12603	DIGITAL SIGNAL PROCESSING LAB.

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - III Year - II Semester  
INFORMATION TECHNOLOGY

Final University Consolidated Internal Marks Report-Date- 2017-05-01 12.43.18

HNT0	116FA	116FB	116SB	12622	12626	126EA	126EB	126EC	126EP	126EQ	126ER	126EV	126EW
14E31A1202	-	-	-	20	21	-	19	-	22	21	20	21	21
14E31A1204	-	-	-	22	19	-	17	-	19	11	12	18	15
14E31A1205	-	-	-	22	23	-	20	-	20	17	21	19	20
14E31A1206	-	-	-	21	21	-	18	-	21	21	23	20	23
14E31A1208	-	-	-	22	20	-	21	-	20	18	21	21	22
14E31A1209	-	-	-	20	23	-	18	-	21	17	19	18	20
14E31A1210	-	-	-	21	20	-	19	-	19	16	17	21	19
14E31A1211	-	-	-	20	23	-	19	-	21	20	22	19	23
14E31A1212	-	-	-	19	19	-	15	-	19	13	17	18	18
14E31A1214	-	-	-	22	23	-	19	-	22	20	21	21	22
14E31A1215	-	-	-	23	22	-	18	-	17	18	20	19	22
14E31A1216	-	-	-	22	22	-	18	-	21	19	20	22	22
14E31A1218	-	-	-	19	18	-	16	-	19	13	18	18	20
14E31A1220	-	-	-	19	24	-	17	-	20	17	17	20	14
14E31A1221	-	-	-	22	23	-	20	-	22	20	21	20	22
14E31A1222	-	-	-	20	21	-	17	-	22	19	20	21	22
14E31A1223	-	-	-	21	20	-	18	-	21	17	18	18	19
14E31A1224	-	-	-	22	20	-	18	-	21	20	19	21	20
14E31A1225	-	-	-	23	24	-	19	-	23	18	21	19	24
14E31A1227	-	-	-	-1	-1	-	9	-	8	9	10	9	11
Total:20	0	0	0	40 0	40 6	0	35 5	0	39 8	34 4	37 7	38 3	39 9

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

Subject Code	Subject Name
12626	DATA MINING AND WEB TECHNOLOGIES LAB
126EC	DISASTER MANAGEMENT
12622	ADVANCED COMMUNICATION SKILLS LAB

126EB	HUMAN VALUES AND PROFESSIONAL ETHICS
126EA	INTELLECTUAL PROPERTY RIGHTS
116FA	INTRODUCTION TO ANALYTICS
116FB	INFORMATION SECURITY MANAGEMENT
116SB	JAVA PROGRAMMING LAB
126EV	CLOUD COMPUTING
126EW	DATA WARE HOUSING AND DATA MINING
126EP	WEB TECHNOLOGIES
126EQ	OBJECT ORIENTED ANALYSIS AND DESIGN
126ER	SOFTWARE TESTING METHODOLOGIES

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - III Year - II Semester  
MECHANICAL ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 13.48.19

HNT0	12622	12624	126AM	126EA	126EB	126EC	126ED	126EE	126EF	126EH
13E31A0380	18	23	23	14	-	-	21	17	18	17
14E31A0301	15	24	20	17	-	-	22	16	22	15
14E31A0302	18	25	21	18	-	-	23	19	25	17
14E31A0306	22	25	20	21	-	-	23	18	25	25
14E31A0307	17	24	17	17	-	-	20	15	22	25
14E31A0308	15	23	20	19	-	-	20	16	21	15
14E31A0309	18	23	15	13	-	-	17	8	20	14
14E31A0310	17	23	16	14	-	-	16	11	21	22
14E31A0311	16	22	18	15	-	-	20	13	20	12
14E31A0313	14	22	17	13	-	-	16	12	19	12
14E31A0314	14	22	17	14	-	-	18	12	19	10
14E31A0315	17	24	22	18	-	-	23	16	22	25
14E31A0316	17	23	14	15	-	-	17	10	19	20
14E31A0317	19	23	12	15	-	-	17	10	21	12
14E31A0318	17	23	8	16	-	-	5	11	19	4
14E31A0319	16	22	18	16	-	-	16	11	19	11
14E31A0320	18	25	23	21	-	-	23	21	25	25
14E31A0321	20	25	23	22	-	-	20	19	23	25
14E31A0322	16	20	17	13	-	-	19	10	17	14
14E31A0323	16	21	16	9	-	-	17	9	21	11
14E31A0325	17	25	19	14	-	-	17	13	23	13
14E31A0326	14	24	22	18	-	-	22	22	23	24
14E31A0327	14	20	19	18	-	-	18	12	18	15
14E31A0328	18	24	21	21	-	-	22	19	22	17
14E31A0329	16	24	20	20	-	-	20	18	21	23
14E31A0330	23	23	22	22	-	-	23	21	22	25
14E31A0331	18	22	19	15	-	-	17	12	19	20
14E31A0333	16	23	18	16	-	-	15	12	22	24
14E31A0338	15	25	21	15	-	-	20	13	23	15
14E31A0340	15	21	16	12	-	-	18	10	20	11
14E31A0343	17	22	20	17	-	-	18	13	20	16
14E31A0345	15	23	14	7	-	-	13	9	19	8

HNT0	12622	12624	126AM	126EA	126EB	126EC	126ED	126EE	126EF	126EH
14E31A0346	15	24	20	14	-	-	19	19	23	16
14E31A0347	22	25	20	21	-	-	19	11	22	23
14E31A0348	15	25	21	23	-	-	22	24	24	25
14E31A0349	17	24	20	18	-	-	21	13	23	15
14E31A0353	15	20	15	12	-	-	16	7	17	10
14E31A0354	18	21	20	13	-	-	18	13	20	22
14E31A0355	16	20	9	6	-	-	10	4	14	-1
14E31A0358	19	25	22	18	-	-	21	14	25	24
14E31A0360	14	25	24	22	-	-	22	24	25	25
14E31A0361	21	24	24	19	-	-	20	18	22	20
14E31A0363	17	20	22	16	-	-	20	10	20	16
14E31A0365	-1	18	20	11	-	-	19	5	17	14
14E31A0367	17	19	21	12	-	-	21	12	20	10
14E31A0369	18	21	23	17	-	-	22	14	21	20
14E31A0372	19	22	21	17	-	-	19	16	13	16
14E31A0375	15	19	10	10	-	-	17	10	16	13
14E31A0377	21	25	25	22	-	-	23	21	23	21
14E31A0378	18	19	22	18	-	-	20	13	19	19
14E31A0380	19	20	21	19	-	-	21	16	18	18
14E31A0382	-1	17	21	11	-	-	13	9	13	15
14E31A0383	19	23	24	17	-	-	20	20	19	21
14E31A0384	21	21	22	14	-	-	20	12	16	21
14E31A0385	21	19	22	14	-	-	16	7	15	17
14E31A0387	21	21	23	19	-	-	23	19	21	23
14E31A0388	23	25	25	21	-	-	23	20	23	23
14E31A0389	23	23	25	19	-	-	22	20	21	22
14E31A0391	21	22	20	17	-	-	20	12	20	19
14E31A0392	22	24	24	21	-	-	22	23	24	22
14E31A0393	18	20	23	19	-	-	21	17	22	17
14E31A0396	20	18	20	17	-	-	20	14	16	19
14E31A03A0	-1	19	22	9	-	-	20	12	18	17
14E31A03A1	21	18	22	20	-	-	22	14	21	21
14E31A03A2	-1	18	18	12	-	-	18	11	14	15
14E31A03A3	22	22	24	19	-	-	23	16	21	20
15E35A0302	22	20	24	18	-	-	22	17	20	20
15E35A0303	19	21	23	21	-	-	21	17	21	21
15E35A0304	15	20	22	16	-	-	20	16	20	18
15E35A0305	23	22	25	18	-	-	23	21	22	23
15E35A0307	17	19	22	17	-	-	18	14	17	17
15E35A0308	19	22	23	19	-	-	22	20	18	22
Total:72	12 21	15 88	14 42	11 81	0	0	13 95	10 43	14 54	12 82

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

Subject Code	Subject Name
126AM	REFRIGERATION AND AIR CONDITIONING
126EH	AUTOMOBILE ENGINEERING
126EF	HEAT TRANSFER
126EE	FINITE ELEMENT METHODS
126ED	DESIGN OF MACHINE MEMBERSII
126EC	DISASTER MANAGEMENT
126EB	HUMAN VALUES AND PROFESSIONAL ETHICS
12622	ADVANCED COMMUNICATION SKILLS LAB
126EA	INTELLECTUAL PROPERTY RIGHTS
12624	HEAT TRANSFER LAB

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - IV Year - II Semester  
AERONAUTICAL ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 14.05.41

HNT0	11844	11859	118AE	118AG	118AJ	118AQ	118CA	118CB	118CE	118CM	118FF
12WJ1A2119	32	28	-	-	-	21	-	16	-	14	-
13E31A2102	30	30	-	-	-	19	-	16	-	12	-
13E31A2103	47	47	-	-	-	24	-	23	-	22	-
13E31A2105	35	35	-	-	-	19	-	17	-	13	-
13E31A2106	44	44	-	-	-	20	-	19	-	15	-
13E31A2107	48	48	-	-	-	19	-	23	-	20	-
13E31A2108	45	45	-	-	-	24	-	23	-	19	-
13E31A2109	42	42	-	-	-	24	-	21	-	16	-
13E31A2110	35	35	-	-	-	19	-	19	-	20	-
13E31A2111	41	41	-	-	-	19	-	21	-	17	-
13E31A2112	42	42	-	-	-	19	-	18	-	17	-
Total:11	44 1	43 7	0	0	0	22 7	0	21 6	0	18 5	0

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

Subject Code	Subject Name
118FF	WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS
118AJ	ANALYSIS OF COMPOSITE STRUCTURES
118CB	HELICOPTER ENGINEERING
118CA	HEAT TRANSFER
118AQ	AVIONICS & INSTRUMENT SYSTEMS
118CE	HYPERSONIC AERODYNAMICS
118AG	AIRPORT PLANNING AND OPERATIONS
118AE	AERO ELASTICITY
11844	PROJECT WORK
11859	SEMINAR
118CM	LAUNCH VEHICLE AND MISSILE TECHNOLOGY

Signature Of Principal with Date & Office seal





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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - IV Year - II Semester  
CIVIL ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-04-29 14.14.43

HNT0	11834	11849	118AZ	118BC	118BU	118DV	118EB	118ER
13E31A0101	45	44	18	-	-	19	18	-
13E31A0103	44	45	18	-	-	20	18	-
13E31A0104	45	46	20	-	-	22	21	-
13E31A0106	38	44	17	-	-	21	18	-
13E31A0107	45	45	19	-	-	20	23	-
13E31A0109	36	40	18	-	-	20	19	-
13E31A0110	40	47	20	-	-	20	23	-
13E31A0111	38	38	16	-	-	18	18	-
13E31A0112	38	45	17	-	-	18	18	-
13E31A0114	45	44	17	-	-	22	22	-
13E31A0115	40	39	14	-	-	19	19	-
13E31A0116	40	44	15	-	-	18	19	-
13E31A0117	48	48	18	-	-	21	23	-
13E31A0118	40	48	18	-	-	19	20	-
13E31A0119	38	49	16	-	-	18	18	-
13E31A0120	40	47	17	-	-	19	21	-
13E31A0121	49	50	22	-	-	23	24	-
13E31A0122	40	48	18	-	-	20	22	-
13E31A0123	38	47	14	-	-	20	18	-
13E31A0124	46	44	19	-	-	23	20	-
13E31A0126	44	41	18	-	-	21	20	-
13E31A0127	40	39	17	-	-	17	21	-
13E31A0128	49	40	21	-	-	22	24	-
13E31A0129	40	44	17	-	-	22	20	-
13E31A0130	44	43	18	-	-	19	19	-
13E31A0131	45	41	17	-	-	22	21	-
13E31A0132	46	39	19	-	-	23	21	-
13E31A0133	47	41	16	-	-	21	20	-
13E31A0134	40	36	16	-	-	20	18	-
13E31A0135	45	45	19	-	-	21	22	-
13E31A0136	44	44	18	-	-	20	20	-
13E31A0137	47	47	22	-	-	20	19	-

HNT0	11834	11849	118AZ	118BC	118BU	118DV	118EB	118ER
13E31A0139	40	39	18	-	-	20	19	-
13E31A0140	39	41	18	-	-	20	17	-
13E31A0141	41	44	18	-	-	21	20	-
13E31A0142	42	45	16	-	-	19	19	-
13E31A0143	38	47	19	-	-	22	20	-
13E31A0144	44	40	20	-	-	20	20	-
13E31A0145	45	41	17	-	-	13	18	-
13E31A0146	38	39	17	-	-	19	17	-
13E31A0147	45	44	19	-	-	21	20	-
13E31A0148	37	40	17	-	-	20	15	-
13E31A0150	44	39	18	-	-	19	17	-
13E31A0151	45	35	19	-	-	21	21	-
13E31A0152	46	41	19	-	-	19	19	-
14E35A0101	49	48	22	-	-	22	20	-
14E35A0102	41	47	16	-	-	19	20	-
14E35A0103	44	46	17	-	-	21	18	-
14E35A0104	43	45	17	-	-	20	17	-
14E35A0105	40	44	15	-	-	19	17	-
Total:50	21 25	21 67	89 1	0	0	10 03	98 1	0

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

Subject Code	Subject Name
118AZ	CONSTRUCTION MANAGEMENT
118DV	PRESTRESSED CONCRETE STRUCTURES
11834	PROJECT WORK
118BC	DESIGN AND DRAWING OF IRRIGATION STRUCTURES
118BU	GEO ENVIRONMENTAL ENGINEERING
118EB	REHABILITATION AND RETROFITTING OF STRUCTURES
118ER	SOLID WASTE MANAGEMENT
11849	SEMINAR

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - IV Year - II Semester  
COMPUTER SCIENCE AND ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 13.14.36

HNT0	11838	11852	118AA	118BA	118BJ	118CR	118DD	118EN	118EQ	118ET	118FD	118GM	118GN
12E31A0535	47	42	-	-	19	21	-	-	20	-	-	-	-
13E31A0501	30	32	-	-	16	20	-	-	15	-	-	-	-
13E31A0502	49	43	-	-	19	19	-	-	18	-	-	-	-
13E31A0503	48	40	-	-	17	19	-	-	13	-	-	-	-
13E31A0506	48	40	-	-	15	18	-	-	14	-	-	-	-
13E31A0507	45	42	-	-	20	21	-	-	17	-	-	-	-
13E31A0509	47	45	-	-	19	19	-	-	18	-	-	-	-
13E31A0510	45	38	-	-	19	20	-	-	14	-	-	-	-
13E31A0511	45	40	-	-	18	22	-	-	18	-	-	-	-
13E31A0512	48	40	-	-	18	20	-	-	14	-	-	-	-
13E31A0513	45	38	-	-	18	21	-	-	17	-	-	-	-
13E31A0514	45	38	-	-	17	18	-	-	12	-	-	-	-
13E31A0516	45	42	-	-	15	19	-	-	12	-	-	-	-
13E31A0517	49	42	-	-	20	21	-	-	16	-	-	-	-
13E31A0518	49	45	-	-	20	21	-	-	19	-	-	-	-
13E31A0519	48	40	-	-	17	21	-	-	15	-	-	-	-
13E31A0520	47	40	-	-	18	21	-	-	17	-	-	-	-
13E31A0521	48	40	-	-	17	23	-	-	15	-	-	-	-
13E31A0522	49	45	-	-	19	22	-	-	18	-	-	-	-
13E31A0523	49	38	-	-	18	21	-	-	16	-	-	-	-
13E31A0526	49	42	-	-	19	20	-	-	17	-	-	-	-
13E31A0527	45	37	-	-	17	20	-	-	13	-	-	-	-
13E31A0528	48	44	-	-	17	23	-	-	17	-	-	-	-
13E31A0530	46	40	-	-	15	20	-	-	13	-	-	-	-
13E31A0531	47	42	-	-	20	21	-	-	17	-	-	-	-
13E31A0532	48	40	-	-	12	20	-	-	15	-	-	-	-
13E31A0533	50	42	-	-	21	22	-	-	14	-	-	-	-
13E31A0534	40	40	-	-	17	20	-	-	12	-	-	-	-
13E31A0535	49	40	-	-	19	22	-	-	18	-	-	-	-
13E31A0536	49	44	-	-	20	23	-	-	19	-	-	-	-
13E31A0537	47	42	-	-	16	22	-	-	15	-	-	-	-
13E31A0539	50	45	-	-	19	22	-	-	17	-	-	-	-

HNT0	11838	11852	118AA	118BA	118BJ	118CR	118DD	118EN	118EQ	118ET	118FD	118GM	118GN
13E31A0540	49	40	-	-	18	22	-	-	16	-	-	-	-
13E31A0541	46	40	-	-	18	21	-	-	15	-	-	-	-
13E31A0542	48	40	-	-	16	20	-	-	14	-	-	-	-
13E31A0543	48	45	-	-	20	23	-	-	19	-	-	-	-
13E31A0544	48	40	-	-	16	20	-	-	15	-	-	-	-
13E31A0545	45	38	-	-	17	19	-	-	12	-	-	-	-
13E31A0546	46	30	-	-	17	19	-	-	14	-	-	-	-
13E31A0547	48	40	-	-	15	21	-	-	12	-	-	-	-
13E31A0548	47	40	-	-	16	19	-	-	12	-	-	-	-
13E31A0549	46	35	-	-	17	18	-	-	12	-	-	-	-
13E31A0550	45	35	-	-	18	21	-	-	13	-	-	-	-
13E31A0551	45	38	-	-	17	20	-	-	13	-	-	-	-
13E31A0552	48	38	-	-	15	20	-	-	12	-	-	-	-
13E31A0554	45	40	-	-	16	15	-	-	11	-	-	-	-
13E31A0555	45	40	-	-	14	20	-	-	13	-	-	-	-
13E31A0556	46	38	-	-	17	21	-	-	15	-	-	-	-
13E31A0557	49	40	-	-	17	22	-	-	16	-	-	-	-
13E31A0558	47	44	-	-	17	22	-	-	16	-	-	-	-
13E31A0559	49	44	-	-	15	22	-	-	16	-	-	-	-
13E31A0560	47	44	-	-	16	18	-	-	17	-	-	-	-
13E31A0561	46	48	-	-	15	20	-	-	20	-	-	-	-
13E31A0562	46	42	-	-	8	19	-	-	20	-	-	-	-
13E31A0563	49	49	-	-	18	21	-	-	22	-	-	-	-
13E31A0564	43	41	-	-	12	18	-	-	19	-	-	-	-
13E31A0565	48	45	-	-	16	21	-	-	21	-	-	-	-
13E31A0566	49	45	-	-	18	21	-	-	20	-	-	-	-
13E31A0567	49	49	-	-	17	22	-	-	22	-	-	-	-
13E31A0568	49	46	-	-	16	23	-	-	20	-	-	-	-
13E31A0569	42	45	-	-	12	20	-	-	18	-	-	-	-
13E31A0570	46	41	-	-	15	20	-	-	19	-	-	-	-
13E31A0571	47	44	-	-	15	19	-	-	19	-	-	-	-
13E31A0572	48	47	-	-	9	12	-	-	10	-	-	-	-
13E31A0573	48	47	-	-	15	21	-	-	19	-	-	-	-
13E31A0575	49	48	-	-	16	23	-	-	21	-	-	-	-
13E31A0576	44	44	-	-	13	21	-	-	18	-	-	-	-
13E31A0577	44	45	-	-	17	23	-	-	20	-	-	-	-
13E31A0578	47	45	-	-	18	21	-	-	21	-	-	-	-
13E31A0579	49	43	-	-	18	21	-	-	19	-	-	-	-
13E31A0581	48	48	-	-	18	23	-	-	21	-	-	-	-
13E31A0582	43	42	-	-	12	17	-	-	19	-	-	-	-
13E31A0583	47	43	-	-	15	20	-	-	18	-	-	-	-
13E31A0584	47	43	-	-	5	10	-	-	12	-	-	-	-
13E31A0586	48	46	-	-	15	19	-	-	20	-	-	-	-
13E31A0587	45	45	-	-	15	21	-	-	20	-	-	-	-
13E31A0588	43	45	-	-	16	18	-	-	20	-	-	-	-

HNT0	11838	11852	118AA	118BA	118BJ	118CR	118DD	118EN	118EQ	118ET	118FD	118GM	118GN
13E31A0589	49	47	-	-	18	23	-	-	20	-	-	-	-
13E31A0590	44	45	-	-	17	18	-	-	18	-	-	-	-
13E31A0591	42	45	-	-	14	20	-	-	18	-	-	-	-
13E31A0592	48	46	-	-	16	21	-	-	18	-	-	-	-
13E31A0593	47	44	-	-	18	20	-	-	16	-	-	-	-
13E31A0594	48	42	-	-	14	18	-	-	20	-	-	-	-
13E31A0595	47	43	-	-	16	18	-	-	18	-	-	-	-
13E31A0596	47	42	-	-	15	20	-	-	18	-	-	-	-
13E31A0597	47	43	-	-	15	19	-	-	20	-	-	-	-
13E31A0598	48	46	-	-	18	19	-	-	21	-	-	-	-
13E31A0599	48	43	-	-	11	23	-	-	20	-	-	-	-
13E31A05A0	44	43	-	-	17	20	-	-	18	-	-	-	-
13E31A05A1	46	45	-	-	14	22	-	-	18	-	-	-	-
13E31A05A2	46	40	-	-	5	17	-	-	17	-	-	-	-
13E31A05A3	47	40	-	-	18	21	-	-	19	-	-	-	-
13E31A05A4	44	41	-	-	12	19	-	-	19	-	-	-	-
13E31A05A5	48	40	-	-	17	20	-	-	19	-	-	-	-
13E31A05A6	47	43	-	-	16	21	-	-	20	-	-	-	-
13E31A05A7	48	43	-	-	15	18	-	-	19	-	-	-	-
13E31A05A8	45	45	-	-	15	18	-	-	18	-	-	-	-
13E31A05A9	48	41	-	-	14	18	-	-	19	-	-	-	-
13E31A05B0	47	41	-	-	17	20	-	-	18	-	-	-	-
13E31A05B1	50	48	-	-	21	24	-	-	20	-	-	-	-
13E31A05B2	46	40	-	-	17	22	-	-	19	-	-	-	-
13E31A05B4	42	40	-	-	18	22	-	-	19	-	-	-	-
13E31A05B5	48	48	-	-	16	22	-	-	20	-	-	-	-
13E31A05B6	47	41	-	-	14	11	-	-	19	-	-	-	-
13E31A05B7	45	45	-	-	19	23	-	-	21	-	-	-	-
13E31A05B8	46	48	-	-	18	21	-	-	19	-	-	-	-
13E31A05B9	48	41	-	-	14	19	-	-	17	-	-	-	-
13E31A05C0	46	42	-	-	17	19	-	-	17	-	-	-	-
13E31A05C1	46	42	-	-	13	19	-	-	17	-	-	-	-
13E31A05C2	50	50	-	-	19	22	-	-	20	-	-	-	-
13E31A05C4	47	42	-	-	15	19	-	-	17	-	-	-	-
13E31A05C5	48	48	-	-	11	15	-	-	10	-	-	-	-
13E31A05C6	50	48	-	-	19	20	-	-	18	-	-	-	-
Total:113	52 79	47 94	0	0	18 30	22 70	0	0	19 30	0	0	0	0

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

Subject Code	Subject Name
11838	PROJECT WORK
118BJ	EMBEDDED SYSTEMS

11852	SEMINAR
118EN	SCRIPTING LANGUAGES
118CR	MANAGEMENT SCIENCE
118EQ	SEMANTIC WEB AND SOCIAL NETWORKS
118ET	STORAGE AREA NETWORKS
118DD	MULTIMEDIA & RICH INTERNET APPLICATIONS
118GM	PREDICTIVE ANALYTICS (ASSOCIATE ANALYTICS 3)
118GN	INFORMATION SECURITY INCIDENT RESPONSE & MANAGEMENT (SECURITY ANALYST 3)
118BA	DATABASE SECURITY
118FD	WEB SERVICES
118AA	AD HOC AND SENSOR NETWORKS

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)

B.Tech - R13 - IV Year - II Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 12.26.53

HNT0	11836	11850	118AB	118BH	118BR	118CJ	118DJ	118DX	118ED	118SA
138P1A0201	47	35	18	-	17	-	-	-	17	-
138P1A0202	45	40	21	-	21	-	-	-	19	-
138P1A0203	40	45	20	-	16	-	-	-	18	-
138P1A0204	45	40	22	-	16	-	-	-	18	-
138P1A0205	43	40	16	-	14	-	-	-	15	-
13E31A0201	45	45	17	-	23	-	-	-	19	-
13E31A0202	47	40	22	-	21	-	-	-	20	-
13E31A0203	40	42	16	-	18	-	-	-	14	-
13E31A0205	38	30	14	-	5	-	-	-	9	-
13E31A0206	45	40	22	-	15	-	-	-	19	-
13E31A0207	40	40	18	-	17	-	-	-	19	-
13E31A0208	47	45	24	-	21	-	-	-	20	-
13E31A0209	38	40	13	-	9	-	-	-	17	-
13E31A0210	41	35	16	-	14	-	-	-	17	-
13E31A0211	40	30	11	-	10	-	-	-	10	-
13E31A0212	41	35	17	-	18	-	-	-	15	-
13E31A0213	40	40	16	-	14	-	-	-	12	-
13E31A0214	40	40	15	-	15	-	-	-	18	-
13E31A0217	35	41	16	-	15	-	-	-	19	-
13E31A0218	35	35	12	-	14	-	-	-	14	-
13E31A0219	45	40	22	-	18	-	-	-	18	-
13E31A0220	37	35	22	-	21	-	-	-	15	-
13E31A0221	45	45	24	-	22	-	-	-	22	-
13E31A0222	40	35	17	-	19	-	-	-	19	-
13E31A0223	48	42	17	-	20	-	-	-	20	-
13E31A0225	38	44	22	-	22	-	-	-	22	-
13E31A0226	35	44	15	-	17	-	-	-	21	-
13E31A0227	47	45	22	-	19	-	-	-	20	-
13E31A0229	40	45	20	-	19	-	-	-	20	-
13E31A0231	45	40	18	-	17	-	-	-	19	-
13E31A0232	46	45	23	-	22	-	-	-	20	-
13E31A0233	46	45	18	-	18	-	-	-	20	-

HNT0	11836	11850	118AB	118BH	118BR	118CJ	118DJ	118DX	118ED	118SA
13E31A0234	40	42	17	-	16	-	-	-	18	-
13E31A0235	45	35	19	-	17	-	-	-	16	-
13E31A0236	47	40	13	-	15	-	-	-	16	-
13E31A0237	47	35	14	-	19	-	-	-	15	-
13E31A0238	45	40	10	-	19	-	-	-	16	-
13E31A0239	48	48	24	-	20	-	-	-	20	-
13E31A0240	43	35	15	-	17	-	-	-	18	-
14E35A0201	45	40	17	-	20	-	-	-	18	-
14E35A0203	45	43	24	-	23	-	-	-	20	-
14E35A0204	40	40	21	-	21	-	-	-	19	-
14E35A0205	40	40	21	-	18	-	-	-	21	-
14E35A0206	35	38	17	-	16	-	-	-	18	-
14E35A0207	42	35	17	-	19	-	-	-	14	-
14E35A0208	38	40	17	-	16	-	-	-	18	-
14E35A0210	48	48	23	-	22	-	-	-	19	-
14E35A0211	37	35	14	-	17	-	-	-	16	-
14E35A0212	42	40	18	-	19	-	-	-	18	-
14E35A0213	40	35	15	-	18	-	-	-	14	-
14E35A0214	40	40	21	-	21	-	-	-	18	-
Total:51	21 51	20 32	92 3	0	90 0	0	0	0	89 7	0

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

Subject Code	Subject Name
118SA	NEURAL NETWORKS AND FUZZY LOGIC
118DJ	NEURAL NETWORKS AND FUZZY LOGIC
11850	SEMINAR
118DX	PRINCIPLES OF RELIABILITY ENGINEERING
11836	PROJECT WORK
118ED	RENEWABLE ENERGY SOURCES
118BR	FUNDAMENTALS OF HVDC AND FACTS DEVICES
118CJ	NANOTECHNOLOGY
118AB	ADVANCED CONTROL SYSTEMS
118BH	EHV AC TRANSMISSION

Signature Of Principal with Date & Office seal





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

Mahaveer Institute of Science and Technology(E3)

B.Tech - R13 - IV Year - II Semester

ELECTRONICS AND COMMUNICATION ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 11.24.05

HNT0	11869	11870	118AM	118AU	118DH	118EA	118EH	118EK	118EW	118FG	118FH
13D61A0405	45	46	-	-	-	20	-	19	-	14	-
13E31A0401	48	48	-	-	-	21	-	22	-	21	-
13E31A0402	46	45	-	-	-	19	-	22	-	21	-
13E31A0405	41	40	-	-	-	18	-	16	-	19	-
13E31A0406	47	48	-	-	-	23	-	24	-	20	-
13E31A0407	41	41	-	-	-	18	-	20	-	18	-
13E31A0409	43	44	-	-	-	13	-	13	-	14	-
13E31A0410	36	35	-	-	-	9	-	8	-	11	-
13E31A0411	43	43	-	-	-	17	-	18	-	18	-
13E31A0412	46	45	-	-	-	20	-	15	-	19	-
13E31A0413	42	41	-	-	-	16	-	17	-	19	-
13E31A0414	45	43	-	-	-	18	-	19	-	19	-
13E31A0415	44	44	-	-	-	20	-	20	-	17	-
13E31A0416	43	44	-	-	-	18	-	20	-	16	-
13E31A0417	44	43	-	-	-	18	-	20	-	20	-
13E31A0418	47	46	-	-	-	22	-	24	-	21	-
13E31A0419	48	48	-	-	-	21	-	24	-	21	-
13E31A0421	41	42	-	-	-	15	-	10	-	14	-
13E31A0423	41	42	-	-	-	20	-	18	-	19	-
13E31A0424	46	45	-	-	-	19	-	18	-	19	-
13E31A0425	46	47	-	-	-	19	-	19	-	20	-
13E31A0426	47	45	-	-	-	19	-	23	-	20	-
13E31A0427	45	45	-	-	-	15	-	14	-	13	-
13E31A0428	41	42	-	-	-	15	-	16	-	8	-
13E31A0429	42	41	-	-	-	19	-	24	-	18	-
13E31A0430	43	40	-	-	-	18	-	19	-	19	-
13E31A0431	43	42	-	-	-	14	-	16	-	17	-
13E31A0432	45	45	-	-	-	20	-	24	-	19	-
13E31A0433	41	42	-	-	-	12	-	14	-	18	-
13E31A0434	48	47	-	-	-	21	-	14	-	19	-
13E31A0435	41	40	-	-	-	14	-	5	-	16	-
13E31A0436	41	42	-	-	-	14	-	10	-	16	-

HNT0	11869	11870	118AM	118AU	118DH	118EA	118EH	118EK	118EW	118FG	118FH
13E31A0437	44	43	-	-	-	14	-	9	-	16	-
13E31A0438	43	42	-	-	-	16	-	15	-	17	-
13E31A0439	44	45	-	-	-	12	-	18	-	20	-
13E31A0441	41	42	-	-	-	17	-	16	-	18	-
13E31A0442	48	47	-	-	-	21	-	21	-	21	-
13E31A0444	46	47	-	-	-	20	-	19	-	20	-
13E31A0445	41	42	-	-	-	13	-	14	-	13	-
13E31A0447	45	45	-	-	-	16	-	17	-	17	-
13E31A0448	43	43	-	-	-	15	-	17	-	18	-
13E31A0449	45	44	-	-	-	16	-	18	-	19	-
13E31A0451	40	39	-	-	-	13	-	8	-	13	-
13E31A0452	42	43	-	-	-	17	-	8	-	17	-
13E31A0453	42	42	-	-	-	20	-	17	-	19	-
13E31A0454	41	43	-	-	-	21	-	20	-	20	-
13E31A0455	46	45	-	-	-	22	-	23	-	20	-
13E31A0456	44	44	-	-	-	20	-	23	-	21	-
13E31A0457	46	45	-	-	-	20	-	20	-	19	-
13E31A0458	40	41	-	-	-	18	-	14	-	16	-
13E31A0459	48	47	-	-	-	21	-	23	-	21	-
13E31A0460	46	45	-	-	-	20	-	17	-	21	-
13E31A0461	39	35	-	-	-	14	-	10	-	15	-
13E31A0463	46	45	-	-	-	20	-	23	-	23	-
13E31A0464	44	41	-	-	-	16	-	19	-	14	-
13E31A0465	46	43	-	-	-	19	-	22	-	22	-
13E31A0466	47	45	-	-	-	20	-	22	-	23	-
13E31A0468	39	37	-	-	-	12	-	18	-	13	-
13E31A0469	46	45	-	-	-	19	-	21	-	18	-
13E31A0470	40	41	-	-	-	17	-	20	-	19	-
13E31A0471	39	40	-	-	-	17	-	19	-	17	-
13E31A0472	42	40	-	-	-	19	-	17	-	14	-
13E31A0473	46	45	-	-	-	20	-	23	-	23	-
13E31A0474	46	45	-	-	-	21	-	22	-	22	-
13E31A0475	44	43	-	-	-	18	-	20	-	22	-
13E31A0476	43	42	-	-	-	18	-	21	-	19	-
13E31A0477	46	44	-	-	-	17	-	20	-	23	-
13E31A0479	44	46	-	-	-	16	-	19	-	17	-
13E31A0480	40	43	-	-	-	16	-	18	-	14	-
13E31A0481	41	42	-	-	-	16	-	20	-	17	-
13E31A0484	-1	-1	-	-	-	8	-	9	-	4	-
13E31A0485	45	46	-	-	-	19	-	20	-	20	-
13E31A0487	47	46	-	-	-	19	-	20	-	21	-
13E31A0488	48	47	-	-	-	19	-	20	-	19	-
13E31A0489	44	43	-	-	-	15	-	21	-	19	-
13E31A0490	44	43	-	-	-	15	-	20	-	18	-
13E31A0491	42	44	-	-	-	14	-	20	-	19	-

HNT0	11869	11870	118AM	118AU	118DH	118EA	118EH	118EK	118EW	118FG	118FH
13E31A0492	42	43	-	-	-	15	-	17	-	14	-
13E31A0493	40	38	-	-	-	15	-	18	-	16	-
13E31A0494	43	44	-	-	-	16	-	18	-	14	-
13E31A0495	44	43	-	-	-	18	-	21	-	20	-
13E31A0496	44	43	-	-	-	15	-	19	-	16	-
13E31A0497	43	43	-	-	-	11	-	13	-	14	-
13E31A0499	44	46	-	-	-	15	-	19	-	12	-
13E31A04A0	42	45	-	-	-	11	-	18	-	11	-
13E31A04A1	43	46	-	-	-	16	-	20	-	19	-
13E31A04A2	42	41	-	-	-	14	-	21	-	17	-
13E31A04A3	44	44	-	-	-	15	-	18	-	14	-
13E31A04A4	45	45	-	-	-	16	-	20	-	17	-
13E31A04A5	46	46	-	-	-	19	-	20	-	23	-
13E31A04A6	46	46	-	-	-	18	-	20	-	17	-
13E31A04A8	43	42	-	-	-	16	-	20	-	19	-
13E31A04A9	43	42	-	-	-	16	-	20	-	18	-
13E31A04B0	47	46	-	-	-	17	-	19	-	20	-
13E31A04B1	37	36	-	-	-	10	-	14	-	10	-
13E31A04B2	44	40	-	-	-	18	-	22	-	22	-
13E31A04B5	45	46	-	-	-	17	-	23	-	22	-
13E31A04B6	48	48	-	-	-	17	-	21	-	20	-
13E31A04B7	47	47	-	-	-	17	-	15	-	20	-
13E31A04C0	38	35	-	-	-	15	-	18	-	14	-
13E31A04C1	44	46	-	-	-	19	-	17	-	22	-
13E31A04C2	47	46	-	-	-	19	-	20	-	23	-
13E31A04C4	44	44	-	-	-	18	-	22	-	22	-
13E31A04C5	45	43	-	-	-	18	-	21	-	20	-
13E31A04C6	43	40	-	-	-	18	-	23	-	22	-
13E31A04C8	38	35	-	-	-	14	-	17	-	17	-
14E35A0402	42	40	-	-	-	18	-	21	-	18	-
14E35A0404	45	43	-	-	-	18	-	21	-	22	-
Total:108	46 71	46 28	0	0	0	18 40	0	19 82	0	19 39	0

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

Subject Code	Subject Name
118EK	SATELLITE COMMUNICATIONS
118DH	NETWORK SECURITY
118FG	WIRELESS COMMUNICATIONS AND NETWORKS
118FH	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES

118EW	TELECOMMUNICATION SWITCHING SYSTEMS AND NETWORKS
118AM	ARTIFICIAL NEURAL NETWORKS
11870	SEMINAR
118EH	RF CIRCUIT DESIGN
118EA	RADAR SYSTEMS
118AU	BIOMEDICAL INSTRUMENTATION
11869	MAJOR PROJECT

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - IV Year - II Semester  
INFORMATION TECHNOLOGY

Final University Consolidated Internal Marks Report-Date- 2017-05-01 12.43.26

HNT0	11841	11856	118AA	118AK	118BG	118CN	118CR	118CZ	118DD	118ET	118FE	118GM	118GN
13E31A1201	49	48	-	24	23	-	21	-	-	-	-	-	-
13E31A1202	48	49	-	24	23	-	20	-	-	-	-	-	-
13E31A1203	47	47	-	13	12	-	11	-	-	-	-	-	-
13E31A1204	49	48	-	22	21	-	20	-	-	-	-	-	-
13E31A1207	48	46	-	22	19	-	17	-	-	-	-	-	-
Total:5	241	238	0	105	98	0	89	0	0	0	0	0	0

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

Subject Code	Subject Name
118AK	ARTIFICIAL INTELLIGENCE
118CZ	MIDDLEWARE TECHNOLOGIES
11841	PROJECT WORK
11856	SEMINAR
118CR	MANAGEMENT SCIENCE
118CN	MACHINE LEARNING
118ET	STORAGE AREA NETWORKS
118DD	MULTIMEDIA & RICH INTERNET APPLICATIONS
118GM	PREDICTIVE ANALYTICS (ASSOCIATE ANALYTICS 3)
118GN	INFORMATION SECURITY INCIDENT RESPONSE & MANAGEMENT (SECURITY ANALYST 3)
118BG	E COMMERCE
118AA	AD HOC AND SENSOR NETWORKS
118FE	WEB SERVICES

Signature Of Principal with Date & Office seal



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

Mahaveer Institute of Science and Technology(E3)  
B.Tech - R13 - IV Year - II Semester  
MECHANICAL ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2017-05-01 13.48.27

HNT0	11837	11851	118AN	118AX	118BT	118CK	118CQ	118DT	118DZ	118EE	118EY
13E31A0302	43	45	-	-	-	-	-	18	19	20	-
13E31A0303	42	43	-	-	-	-	-	19	19	22	-
13E31A0305	40	42	-	-	-	-	-	19	18	23	-
13E31A0306	38	36	-	-	-	-	-	20	16	19	-
13E31A0307	44	42	-	-	-	-	-	20	16	17	-
13E31A0308	43	45	-	-	-	-	-	21	19	18	-
13E31A0309	44	46	-	-	-	-	-	20	17	19	-
13E31A0310	47	48	-	-	-	-	-	22	18	20	-
13E31A0311	40	39	-	-	-	-	-	17	18	18	-
13E31A0312	33	32	-	-	-	-	-	7	7	2	-
13E31A0314	38	37	-	-	-	-	-	18	20	19	-
13E31A0315	39	38	-	-	-	-	-	18	18	18	-
13E31A0316	44	45	-	-	-	-	-	19	20	20	-
13E31A0317	48	49	-	-	-	-	-	19	22	24	-
13E31A0319	40	38	-	-	-	-	-	17	17	17	-
13E31A0320	37	36	-	-	-	-	-	18	15	13	-
13E31A0322	43	42	-	-	-	-	-	17	10	17	-
13E31A0323	38	36	-	-	-	-	-	18	16	16	-
13E31A0324	39	40	-	-	-	-	-	18	14	13	-
13E31A0325	38	40	-	-	-	-	-	20	16	20	-
13E31A0326	45	46	-	-	-	-	-	19	18	21	-
13E31A0327	43	42	-	-	-	-	-	19	16	18	-
13E31A0328	41	39	-	-	-	-	-	20	17	20	-
13E31A0329	46	47	-	-	-	-	-	20	20	22	-
13E31A0330	41	43	-	-	-	-	-	16	18	16	-
13E31A0331	47	48	-	-	-	-	-	20	18	22	-
13E31A0332	42	43	-	-	-	-	-	19	19	20	-
13E31A0333	42	44	-	-	-	-	-	20	18	17	-
13E31A0337	35	40	-	-	-	-	-	16	13	19	-
13E31A0338	39	38	-	-	-	-	-	19	18	21	-
13E31A0339	46	47	-	-	-	-	-	19	19	19	-
13E31A0340	38	39	-	-	-	-	-	19	17	18	-

HNT0	11837	11851	118AN	118AX	118BT	118CK	118CQ	118DT	118DZ	118EE	118EY
13E31A0341	47	48	-	-	-	-	-	21	18	23	-
13E31A0342	36	37	-	-	-	-	-	20	17	20	-
13E31A0343	45	42	-	-	-	-	-	19	19	20	-
13E31A0344	40	44	-	-	-	-	-	19	18	21	-
13E31A0345	42	40	-	-	-	-	-	19	17	20	-
13E31A0346	38	36	-	-	-	-	-	17	16	15	-
13E31A0347	40	41	-	-	-	-	-	20	17	19	-
13E31A0348	48	48	-	-	-	-	-	20	21	22	-
13E31A0349	39	40	-	-	-	-	-	17	4	15	-
13E31A0351	37	38	-	-	-	-	-	20	14	9	-
13E31A0352	39	37	-	-	-	-	-	19	15	14	-
13E31A0353	40	38	-	-	-	-	-	19	15	20	-
13E31A0354	46	47	-	-	-	-	-	20	20	22	-
13E31A0356	45	42	-	-	-	-	-	19	15	19	-
13E31A0357	44	46	-	-	-	-	-	21	19	21	-
13E31A0358	44	44	-	-	-	-	-	19	18	24	-
13E31A0359	44	42	-	-	-	-	-	19	17	22	-
13E31A0360	42	38	-	-	-	-	-	19	16	17	-
13E31A0361	45	46	-	-	-	-	-	20	20	23	-
13E31A0362	44	45	-	-	-	-	-	20	20	23	-
13E31A0363	48	45	-	-	-	-	-	20	20	23	-
13E31A0364	40	45	-	-	-	-	-	17	19	22	-
13E31A0365	41	44	-	-	-	-	-	20	13	19	-
13E31A0366	40	43	-	-	-	-	-	19	19	19	-
13E31A0367	45	47	-	-	-	-	-	19	19	18	-
13E31A0368	41	45	-	-	-	-	-	19	20	21	-
13E31A0369	41	35	-	-	-	-	-	18	20	22	-
13E31A0370	48	48	-	-	-	-	-	19	19	23	-
13E31A0371	36	42	-	-	-	-	-	18	19	16	-
13E31A0372	45	44	-	-	-	-	-	18	20	21	-
13E31A0373	36	35	-	-	-	-	-	17	15	12	-
13E31A0375	39	43	-	-	-	-	-	19	18	17	-
13E31A0376	36	42	-	-	-	-	-	19	18	18	-
13E31A0377	35	35	-	-	-	-	-	15	18	15	-
13E31A0379	40	43	-	-	-	-	-	18	18	20	-
13E31A0381	36	40	-	-	-	-	-	18	19	16	-
13E31A0382	43	44	-	-	-	-	-	17	19	18	-
13E31A0383	40	43	-	-	-	-	-	19	19	18	-
13E31A0384	38	42	-	-	-	-	-	20	21	19	-
13E31A0385	39	37	-	-	-	-	-	16	16	16	-
13E31A0387	32	35	-	-	-	-	-	18	16	13	-
13E31A0388	32	34	-	-	-	-	-	16	17	15	-
13E31A0389	40	45	-	-	-	-	-	20	18	20	-
13E31A0390	39	36	-	-	-	-	-	17	20	18	-
13E31A0391	40	40	-	-	-	-	-	16	17	16	-



HNT0	11837	11851	118AN	118AX	118BT	118CK	118CQ	118DT	118DZ	118EE	118EY
13E31A0392	46	41	-	-	-	-	-	17	19	19	-
13E31A0393	40	43	-	-	-	-	-	16	17	17	-
13E31A0394	37	35	-	-	-	-	-	16	19	19	-
13E31A0395	35	36	-	-	-	-	-	7	10	13	-
13E31A0396	35	35	-	-	-	-	-	19	21	16	-
13E31A0398	40	37	-	-	-	-	-	18	19	19	-
13E31A0399	36	35	-	-	-	-	-	14	18	13	-
13E31A03A0	48	39	-	-	-	-	-	19	19	20	-
13E31A03A1	35	33	-	-	-	-	-	15	18	12	-
13E31A03A2	45	39	-	-	-	-	-	18	18	18	-
14E35A0303	45	38	-	-	-	-	-	20	20	18	-
Total:88	36 00	36 17	0	0	0	0	0	16 09	15 37	16 16	0

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

Subject Code	Subject Name
11837	PROJECT WORK
118DZ	PRODUCTION PLANNING AND CONTROL
118EY	TOTAL QUALITY MANAGEMENT
118AN	ARTIFICIAL NEURAL NETWORKS
11851	SEMINAR
118EE	RENEWABLE ENERGY SOURCES
118DT	PLANT LAYOUT AND MATERIAL HANDLING
118BT	GAS DYNAMICS
118CQ	MAINTENANCE AND SAFETY ENGINEERING
118CK	JET PROPULSION & ROCKET ENGINEERING
118AX	COMPUTATIONAL FLUID DYNAMICS

Signature Of Principal with Date & Office seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**CIVIL ENGINEERING,SECTION-A**

**MAJOR PROJECT (13801)**

Maximum Marks: 75

Date: 2021-06-29 15.12.57

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	17E31A0101	68
2	17E31A0102	67
3	17E31A0103	68
4	17E31A0105	65
5	17E31A0106	65
6	17E31A0107	65
7	17E31A0108	65
8	17E31A0109	68
9	17E31A0110	68
10	17E31A0113	68
11	17E31A0116	67
12	17E31A0121	66
13	17E31A0122	67
14	17E31A0125	67
15	17E31A0128	68
16	17E31A0135	66
17	17E31A0138	67
18	17E31A0139	67
19	17E31A0140	66
20	17E31A0141	67
21	17E31A0142	68
22	17E31A0143	65
23	17E31A0144	69
24	17H11A0102	67
25	17H11A0118	68
26	17H11A0119	67
27	18E35A0101	69
28	18E35A0102	68
29	18E35A0105	66
30	18E35A0106	66
31	18E35A0107	65
32	18E35A0108	65

33	18E35A0109	69
34	18E35A0110	68
35	18E35A0111	69
36	18E35A0112	68
37	18E35A0113	70
38	18E35A0114	68
39	19E38A0101	69

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**ELECTRICAL AND ELECTRONICS ENGINEERING, SECTION-A**

**MAJOR PROJECT (13802)**

Maximum Marks: 75

Date: 2021-07-01 13.49.40

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	16E31A0217	62
2	17E31A0201	65
3	17E31A0202	67
4	17E31A0203	66
5	17E31A0204	70
6	17E31A0205	67
7	17E31A0206	66
8	17E31A0207	68
9	17E31A0208	65
10	17E31A0209	64
11	17E31A0210	64
12	17E31A0211	67
13	17E31A0212	70
14	17E31A0213	64
15	17E31A0215	69
16	17E31A0216	72
17	17E31A0217	66
18	17E31A0218	64
19	17E31A0219	68
20	17E31A0220	71
21	17E31A0221	67
22	17E31A0223	66
23	17E31A0224	71
24	17E31A0225	72
25	17E31A0226	69
26	17E31A0227	69
27	17E31A0230	65
28	17M35A0207	65
29	17M35A0212	67
30	17M35A0217	66
31	18D95A0204	71
32	18E35A0201	66

33	18E35A0202	72
34	18E35A0203	69
35	18E35A0204	72
36	18E35A0206	62
37	18E35A0207	69
38	18E35A0208	62
39	18E35A0209	70
40	18E35A0210	66
41	18E35A0211	66
42	18E35A0212	72
43	18E35A0213	71
44	18E35A0214	67
45	18E35A0215	67
46	18E35A0217	65
47	18E35A0218	71
48	18M35A0202	69
49	18M35A0211	64

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**MECHANICAL ENGINEERING, SECTION-A**

**MAJOR PROJECT (13803)**

Maximum Marks: 75

Date: 2021-07-01 11.25.48

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	16E31A0330	64
2	16E31A0333	65
3	16M31A0322	68
4	17E31A0301	70
5	17E31A0302	68
6	17E31A0304	67
7	17E31A0305	70
8	17E31A0306	65
9	17E31A0308	64
10	17E31A0309	68
11	17E31A0311	65
12	17E31A0313	62
13	17E31A0314	68
14	17E31A0316	64
15	17E31A0320	70
16	17E31A0322	66
17	17E31A0324	68
18	17E31A0325	68
19	17E31A0326	66
20	17E31A0327	62
21	17E31A0328	65
22	17E31A0333	70
23	17E31A0339	68
24	17E35A0317	68
25	17M31A0306	70
26	18E35A0301	67
27	18E35A0302	70
28	18E35A0303	70
29	18E35A0305	70
30	18E35A0306	67
31	18E35A0307	65
32	18E35A0308	70

33	18E35A0309	65
34	18E35A0310	70
35	18E35A0311	68
36	18E35A0312	69
37	18M35A0308	60

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Provisional Award List**

**R13- IV Year B.Tech II Semester Regular**

**MECHANICAL ENGINEERING, SECTION-B**

**COMPREHENSIVE VIVA (11801)**

Maximum Marks: 100

Date: 2017-04-28 14.31.38

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0361	91
2	13E31A0362	89
3	13E31A0363	96
4	13E31A0364	89
5	13E31A0365	87
6	13E31A0366	87
7	13E31A0367	91
8	13E31A0368	84
9	13E31A0369	85
10	13E31A0370	96
11	13E31A0371	74
12	13E31A0372	90
13	13E31A0373	73
14	13E31A0375	80
15	13E31A0376	73
16	13E31A0377	73
17	13E31A0379	86
18	13E31A0381	75
19	13E31A0382	86
20	13E31A0383	84
21	13E31A0384	76
22	13E31A0385	84
23	13E31A0387	73
24	13E31A0388	74
25	13E31A0389	86
26	13E31A0390	85
27	13E31A0391	86
28	13E31A0392	91
29	13E31A0393	86
30	13E31A0394	75
31	13E31A0395	74
32	13E31A0396	74



33	13E31A0398	86
34	13E31A0399	74
35	13E31A03A0	95
36	13E31A03A1	72
37	13E31A03A2	91
38	14E35A0303	90



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R13- IV Year B.Tech II Semester Regular**

**MECHANICAL ENGINEERING, SECTION-B**

**COMPREHENSIVE VIVA (11801)**

Maximum Marks: 100

Date: 2017-04-28 14.51.01

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0361	91
2	13E31A0362	89
3	13E31A0363	96
4	13E31A0364	89
5	13E31A0365	87
6	13E31A0366	87
7	13E31A0367	91
8	13E31A0368	84
9	13E31A0369	85
10	13E31A0370	96
11	13E31A0371	74
12	13E31A0372	90
13	13E31A0373	73
14	13E31A0375	80
15	13E31A0376	73
16	13E31A0377	73
17	13E31A0379	86
18	13E31A0381	75
19	13E31A0382	86
20	13E31A0383	84
21	13E31A0384	76
22	13E31A0385	84
23	13E31A0387	73
24	13E31A0388	74
25	13E31A0389	86
26	13E31A0390	85
27	13E31A0391	86
28	13E31A0392	91
29	13E31A0393	86
30	13E31A0394	75
31	13E31A0395	74
32	13E31A0396	74

33	13E31A0398	86
34	13E31A0399	74
35	13E31A03A0	95
36	13E31A03A1	72
37	13E31A03A2	91
38	14E35A0303	90

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, HYDERABAD-500085**  
**Mahaveer Institute of Science and Technology(E3)**  
**University External Exam Provisional Award List**  
**R13- IV Year B.Tech II Semester Regular**  
**MECHANICAL ENGINEERING,SECTION-B**  
**INDUSTRY ORIENTED MINI PROJECT (11819)**

Maximum Marks: 50

Date: 2017-04-27 15.38.56

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0361	46
2	13E31A0362	45
3	13E31A0363	46
4	13E31A0364	41
5	13E31A0365	38
6	13E31A0366	42
7	13E31A0367	46
8	13E31A0368	42
9	13E31A0369	41
10	13E31A0370	48
11	13E31A0371	42
12	13E31A0372	45
13	13E31A0373	37
14	13E31A0375	46
15	13E31A0376	41
16	13E31A0377	37
17	13E31A0379	45
18	13E31A0381	41
19	13E31A0382	41
20	13E31A0383	46
21	13E31A0384	46
22	13E31A0385	33
23	13E31A0387	37
24	13E31A0388	40
25	13E31A0389	45
26	13E31A0390	37
27	13E31A0391	38
28	13E31A0392	38
29	13E31A0393	42
30	13E31A0394	37
31	13E31A0395	36
32	13E31A0396	38

33	13E31A0398	41
34	13E31A0399	37
35	13E31A03A0	46
36	13E31A03A1	32
37	13E31A03A2	42
38	14E35A0303	46



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R13- IV Year B.Tech II Semester Regular**

**MECHANICAL ENGINEERING,SECTION-B**

**INDUSTRY ORIENTED MINI PROJECT (11819)**

Maximum Marks: 50

Date: 2017-04-28 15.36.00

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0361	46
2	13E31A0362	45
3	13E31A0363	46
4	13E31A0364	41
5	13E31A0365	38
6	13E31A0366	42
7	13E31A0367	46
8	13E31A0368	42
9	13E31A0369	41
10	13E31A0370	48
11	13E31A0371	42
12	13E31A0372	45
13	13E31A0373	37
14	13E31A0375	46
15	13E31A0376	41
16	13E31A0377	37
17	13E31A0379	45
18	13E31A0381	41
19	13E31A0382	41
20	13E31A0383	46
21	13E31A0384	46
22	13E31A0385	33
23	13E31A0387	37
24	13E31A0388	40
25	13E31A0389	45
26	13E31A0390	37
27	13E31A0391	38
28	13E31A0392	38
29	13E31A0393	42
30	13E31A0394	37
31	13E31A0395	36
32	13E31A0396	38

33	13E31A0398	41
34	13E31A0399	37
35	13E31A03A0	46
36	13E31A03A1	32
37	13E31A03A2	42
38	14E35A0303	46

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**MECHANICAL ENGINEERING,SECTION-B**

**MAJOR PROJECT (13803)**

Maximum Marks: 75

Date: 2021-07-01 12.26.05

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	16621A0316	68
2	17D91A0303	55
3	17D91A0304	69
4	17D91A0307	70
5	17D91A0308	68
6	17D91A0309	68
7	17D91A0311	68
8	17D91A0316	70
9	17D91A0320	70
10	17D91A0324	65
11	17D91A0325	55
12	17D91A0330	69
13	17E31A0342	68
14	17E31A0343	60
15	17E31A0344	67
16	17E31A0346	65
17	17E31A0348	70
18	17E31A0354	70
19	17E31A0355	70
20	17E31A0360	68
21	17E35A0307	65
22	18D95A0301	70
23	18D95A0303	70
24	18D95A0305	70
25	18D95A0306	63
26	18D95A0307	70
27	18D95A0310	67
28	18E35A0313	69
29	18E35A0314	70
30	18E35A0315	67
31	18E35A0317	59
32	18E35A0318	58



33	18E35A0321	63
34	18E35A0322	68
35	18E35A0324	56
36	18E35A0325	64

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Provisional Award List**

**R13- IV Year B.Tech II Semester Regular**

**ELECTRONICS AND COMMUNICATION ENGINEERING, SECTION-A**

**COMPREHENSIVE VIVA (11865)**

Maximum Marks: 100

Date: 2017-05-01 11.42.14

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0401	96
2	13E31A0402	86
3	13E31A0405	82
4	13E31A0406	90
5	13E31A0407	91
6	13E31A0409	72
7	13E31A0410	76
8	13E31A0411	84
9	13E31A0412	93
10	13E31A0413	86
11	13E31A0414	94
12	13E31A0415	94
13	13E31A0416	91
14	13E31A0417	92
15	13E31A0418	96
16	13E31A0419	97
17	13E31A0421	82
18	13E31A0423	93
19	13E31A0424	95
20	13E31A0425	97
21	13E31A0426	94
22	13E31A0427	85
23	13E31A0428	90
24	13E31A0429	89
25	13E31A0430	83
26	13E31A0431	80
27	13E31A0432	92
28	13E31A0433	89
29	13E31A0434	96
30	13E31A0435	80
31	13E31A0436	92
32	13E31A0437	95

33	13E31A0438	82
34	13E31A0439	95
35	13E31A0441	89
36	13E31A0442	96
37	13E31A0444	95
38	13E31A0445	84
39	13E31A0447	89
40	13E31A0448	86
41	13E31A0449	82
42	13E31A0451	77
43	13E31A0452	87
44	13E31A0453	82
45	13E31A0454	83
46	13E31A0455	92
47	13E31A0456	88
48	13E31A0457	87
49	13E31A0458	82
50	13E31A0459	96
51	13E31A0460	87



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R13- IV Year B.Tech II Semester Regular**

**ELECTRONICS AND COMMUNICATION ENGINEERING, SECTION-A**

**COMPREHENSIVE VIVA (11865)**

Maximum Marks: 100

Date: 2017-05-01 14.59.41

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0401	96
2	13E31A0402	86
3	13E31A0405	82
4	13E31A0406	90
5	13E31A0407	91
6	13E31A0409	72
7	13E31A0410	76
8	13E31A0411	84
9	13E31A0412	93
10	13E31A0413	86
11	13E31A0414	94
12	13E31A0415	94
13	13E31A0416	91
14	13E31A0417	92
15	13E31A0418	96
16	13E31A0419	97
17	13E31A0421	82
18	13E31A0423	93
19	13E31A0424	95
20	13E31A0425	97
21	13E31A0426	94
22	13E31A0427	85
23	13E31A0428	90
24	13E31A0429	89
25	13E31A0430	83
26	13E31A0431	80
27	13E31A0432	92
28	13E31A0433	89
29	13E31A0434	96
30	13E31A0435	80
31	13E31A0436	92
32	13E31A0437	95

33	13E31A0438	82
34	13E31A0439	95
35	13E31A0441	89
36	13E31A0442	96
37	13E31A0444	95
38	13E31A0445	84
39	13E31A0447	89
40	13E31A0448	86
41	13E31A0449	82
42	13E31A0451	77
43	13E31A0452	87
44	13E31A0453	82
45	13E31A0454	83
46	13E31A0455	92
47	13E31A0456	88
48	13E31A0457	87
49	13E31A0458	82
50	13E31A0459	96
51	13E31A0460	87

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Provisional Award List**

**R13- IV Year B.Tech II Semester Regular**

**ELECTRONICS AND COMMUNICATION ENGINEERING, SECTION-A**

**INDUSTRY ORIENTED MINI PROJECT (11866)**

Maximum Marks: 50

Date: 2017-05-01 11.42.29

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0401	49
2	13E31A0402	49
3	13E31A0405	46
4	13E31A0406	49
5	13E31A0407	45
6	13E31A0409	46
7	13E31A0410	39
8	13E31A0411	45
9	13E31A0412	46
10	13E31A0413	45
11	13E31A0414	47
12	13E31A0415	48
13	13E31A0416	47
14	13E31A0417	45
15	13E31A0418	47
16	13E31A0419	49
17	13E31A0421	45
18	13E31A0423	48
19	13E31A0424	47
20	13E31A0425	47
21	13E31A0426	48
22	13E31A0427	48
23	13E31A0428	45
24	13E31A0429	44
25	13E31A0430	45
26	13E31A0431	45
27	13E31A0432	49
28	13E31A0433	46
29	13E31A0434	48
30	13E31A0435	42
31	13E31A0436	43
32	13E31A0437	44

33	13E31A0438	45
34	13E31A0439	44
35	13E31A0441	47
36	13E31A0442	43
37	13E31A0444	49
38	13E31A0445	48
39	13E31A0447	44
40	13E31A0448	47
41	13E31A0449	47
42	13E31A0451	48
43	13E31A0452	40
44	13E31A0453	45
45	13E31A0454	46
46	13E31A0455	45
47	13E31A0456	47
48	13E31A0457	46
49	13E31A0458	48
50	13E31A0459	47
51	13E31A0460	49



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R13- IV Year B.Tech II Semester Regular**

**ELECTRONICS AND COMMUNICATION ENGINEERING, SECTION-A**

**INDUSTRY ORIENTED MINI PROJECT (11866)**

Maximum Marks: 50

Date: 2017-05-01 14.58.28

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	13E31A0401	49
2	13E31A0402	49
3	13E31A0405	46
4	13E31A0406	49
5	13E31A0407	45
6	13E31A0409	46
7	13E31A0410	39
8	13E31A0411	45
9	13E31A0412	46
10	13E31A0413	45
11	13E31A0414	47
12	13E31A0415	48
13	13E31A0416	47
14	13E31A0417	45
15	13E31A0418	47
16	13E31A0419	49
17	13E31A0421	45
18	13E31A0423	48
19	13E31A0424	47
20	13E31A0425	47
21	13E31A0426	48
22	13E31A0427	48
23	13E31A0428	45
24	13E31A0429	44
25	13E31A0430	45
26	13E31A0431	45
27	13E31A0432	49
28	13E31A0433	46
29	13E31A0434	48
30	13E31A0435	42
31	13E31A0436	43
32	13E31A0437	44



33	13E31A0438	45
34	13E31A0439	44
35	13E31A0441	47
36	13E31A0442	43
37	13E31A0444	49
38	13E31A0445	48
39	13E31A0447	44
40	13E31A0448	47
41	13E31A0449	47
42	13E31A0451	48
43	13E31A0452	40
44	13E31A0453	45
45	13E31A0454	46
46	13E31A0455	45
47	13E31A0456	47
48	13E31A0457	46
49	13E31A0458	48
50	13E31A0459	47
51	13E31A0460	49

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**ELECTRONICS AND COMMUNICATION ENGINEERING, SECTION-A**  
**MAJOR PROJECT (13804)**

Maximum Marks: 75

Date: 2021-06-29 14.20.39

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	15E31A0481	-1
2	16E31A0444	72
3	16E31A0458	65
4	16E35A0413	71
5	16M31A0420	65
6	17E31A0401	66
7	17E31A0403	70
8	17E31A0404	72
9	17E31A0405	74
10	17E31A0406	74
11	17E31A0407	73
12	17E31A0409	65
13	17E31A0410	71
14	17E31A0412	72
15	17E31A0414	73
16	17E31A0415	71
17	17E31A0416	70
18	17E31A0417	70
19	17E31A0418	69
20	17E31A0419	73
21	17E31A0420	71
22	17E31A0421	72
23	17E31A0422	68
24	17E31A0423	71
25	17E31A0424	73
26	17E31A0425	71
27	17E31A0426	68
28	17E31A0427	70
29	17E31A0428	70
30	17E31A0429	70
31	17E31A0430	71
32	17E31A0433	68

33	17E31A0434	71
34	17E31A0435	68
35	17E31A0436	72
36	17E31A0437	71
37	17E31A0438	63
38	17E31A0439	63
39	17E31A0440	72
40	17E31A0441	71
41	17E31A0442	72
42	17E31A0444	69
43	17E31A0445	73
44	17E31A0446	68
45	17E31A0447	72
46	17E31A0448	72
47	17E31A0449	71
48	17E31A0450	66
49	17E31A0451	70
50	17E31A0452	73
51	17E31A0453	72
52	17E31A0454	71
53	17E31A0456	74
54	17E31A0457	71
55	17E31A0458	73
56	17E31A0459	71
57	17E31A0461	72
58	17E31A0465	70
59	17E31A0466	68
60	17E31A0467	68
61	17E31A0469	69
62	18E35A0401	60
63	18E35A0402	72
64	18E35A0403	63
65	18E35A0404	73

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**COMPUTER SCIENCE AND ENGINEERING,SECTION-A**

**MAJOR PROJECT (13805)**

Maximum Marks: 75

Date: 2021-06-30 13.34.32

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	17E31A0501	67
2	17E31A0502	68
3	17E31A0504	70
4	17E31A0507	66
5	17E31A0508	72
6	17E31A0509	67
7	17E31A0510	66
8	17E31A0512	71
9	17E31A0514	72
10	17E31A0515	71
11	17E31A0516	72
12	17E31A0517	68
13	17E31A0519	69
14	17E31A0520	71
15	17E31A0521	70
16	17E31A0522	70
17	17E31A0523	70
18	17E31A0525	70
19	17E31A0526	67
20	17E31A0528	67
21	17E31A0530	70
22	17E31A0532	67
23	17E31A0533	66
24	17E31A0537	71
25	17E31A0539	68
26	17E31A0540	69
27	17E31A0541	68
28	17E31A0542	69
29	17E31A0543	72
30	17E31A0544	66
31	17E31A0545	72
32	17E31A0546	67

33	17E31A0547	68
34	17E31A0548	72
35	17E31A0549	69
36	17M31A0502	68
37	17M31A0505	67
38	17M31A0508	67
39	17M31A0512	69
40	17M31A0515	69
41	17M31A0526	68
42	17M31A0529	69
43	17M31A0530	68
44	17M31A0533	71
45	17M31A0536	69
46	17M31A0541	66
47	17M31A0557	68
48	17M31A0558	69
49	17M31A0564	68
50	17UR1A0516	67
51	17UR1A0518	69

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**COMPUTER SCIENCE AND ENGINEERING,SECTION-B**

**MAJOR PROJECT (13805)**

Maximum Marks: 75

Date: 2021-07-03 14.16.00

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	16611A0503	70
2	16E31A0518	45
3	16E31A0597	72
4	16E31A0598	72
5	16E31A05A4	64
6	16E31A05C8	70
7	16E31A05D3	70
8	16E31A05D4	60
9	16M31A0505	55
10	176H1A0509	62
11	17E31A0551	55
12	17E31A0552	66
13	17E31A0554	60
14	17E31A0555	62
15	17E31A0556	70
16	17E31A0558	64
17	17E31A0559	62
18	17E31A0560	55
19	17E31A0562	64
20	17E31A0563	64
21	17E31A0564	62
22	17E31A0565	62
23	17E31A0567	62
24	17E31A0568	64
25	17E31A0570	66
26	17E31A0571	62
27	17E31A0572	70
28	17E31A0575	55
29	17E31A0579	55
30	17E31A0581	66
31	17E31A0582	45
32	17E31A0583	62

33	17E31A0584	55
34	17E31A0585	70
35	17E31A0586	66
36	17E31A0587	55
37	17E31A0588	62
38	17E31A0589	64
39	17E31A0590	70
40	17E31A0591	55
41	17E31A0592	70

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal



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

**Mahaveer Institute of Science and Technology(E3)**

**University External Exam Final Award List**

**R16- IV Year B.Tech II Semester Regular**

**INFORMATION TECHNOLOGY,SECTION-A**

**MAJOR PROJECT (13808)**

Maximum Marks: 75

Date: 2021-07-02 14.16.40

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	16E31A1215	74
2	17E31A1201	73
3	17E31A1203	74
4	17E31A1205	74
5	17E31A1206	65
6	17E31A1207	72
7	17E31A1208	67
8	17E31A1209	73
9	17E31A1210	70
10	17E31A1211	72
11	17E31A1212	74
12	17E31A1213	74
13	17E31A1214	73
14	17E31A1215	73
15	17E31A1217	73
16	17E31A1218	65
17	17E31A1219	74
18	17E31A1220	73
19	17E31A1221	69
20	17E31A1222	72
21	17E31A1223	73
22	17E31A1227	70
23	17E31A1229	70
24	17E31A1230	73
25	17E31A1231	71
26	17E31A1232	73
27	17E31A1233	73

Signature of External Examiner

Signature of Internal Examiner



Signature of The Principal With Date & Office Seal



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, HYDERABAD-500085**  
**Mahaveer Institute of Science and Technology(E3)**  
**University External Exam Final Award List**  
**R16- IV Year B.Tech II Semester Regular**  
**AERONAUTICAL ENGINEERING, SECTION-A**  
**MAJOR PROJECT (13813)**

Maximum Marks: 75

Date: 2021-06-30 15.12.13

<b>S.No</b>	<b>HTNO</b>	<b>MARKS AWARDED</b>
1	17E31A2102	72
2	17E31A2103	72
3	17E31A2105	72
4	17E31A2111	70
5	17E31A2112	70
6	17E31A2113	69
7	17E31A2114	70
8	17E31A2116	69
9	17E31A2118	69
10	17E31A2120	70
11	17E31A2123	70
12	17E31A2125	69
13	17E31A2127	69
14	17E31A2128	71
15	17E31A2129	72
16	17E31A2131	69
17	18E35A2102	69
18	18E35A2103	72
19	18E35A2104	72
20	18E35A2105	69

Signature of External Examiner

Signature of Internal Examiner

Signature of The Principal With Date & Office Seal

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. V.Kamakshi Prasad**

M.Tech.,Ph.D.(IIT-M),FIE,MCSI, LMISTE

**Professor of Computer Science and Engineering &**

**DIRECTOR OF EVALUATION**

Date:08-05-2019

To

The Principals of all the affiliated and constituent colleges offering B.Tech/B.Pharm courses JNT  
University Hyderabad

Sir,

Sub: JNTUH, Hyderabad – Examination Branch IV Year II Semester B.Tech/B.Pharmacy  
Computer Based Test (CBT) –May -2019-Notification – Instructions to the Principals-Reg.

All the Principals of the affiliated and constituent Colleges offering B.Tech / B.Pharmacy courses are hereby informed that the University Examination Branch issues notification for conduct of Computer Based Test (CBT) for IV Year II Semester B.Tech/B.Pharmacy Regular students in the month of May - 2019, who are absent for mid-term examination(s) conducted at the college. Further this CBT shall also be conducted for the student who are transferred from other Universities/Autonomous college under JNTUH, and for the internal marks component of substitute subjects .

The students appearing for the above examination commencing from 21-05-2019 are informed to note the schedule given below. The CBT exam registration service will be available from 10-05-2019

1	IV B.Tech /B.Pharm II Sem.(R15) - Regular
---	---

### STUDENT REGISTRATION SCHEDULE

<i>EVENT</i>	<i>Start date of registration for Regular (at respective colleges)</i>	<i>Last date of registration for regular (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS TRANSFER For Regular.Exams)</i>
<b>Exam Registration Without Late Fee</b>	<b>10-05-2019</b>	<b>14-05-2019</b>	<b>IV Year II SEM 18-05-2019</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>15-05-2019</b>	<b>16-05-2019</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>17-05-2019</b>	<b>17-05-2019</b>	

<b>EXAMINATION FEE</b>	
1.FOR ONE THEORY SUBJECT	<b>Rs. 350/-</b>
2.FOR TWO THEORY SUBJECTS	<b>Rs. 450/-</b>
3.FOR THREE THEORY SUBJECTS	<b>Rs. 550/-</b>
4.FOR FOUR THEORY SUBJECTS and above (And also for ALL THEORY SUBJECTS)	<b>Rs. 750/-</b>

**The Principals are requested to note the following instructions.**

1. The Computer Based Test (CBT) is intended to benefit the students who were absent during the mid examination conducted at the college. Further this CBT shall also be conducted for the student who are transferred from other Universities/Autonomous college under JNTUH, and for the internal marks component of substitute subjects.
2. The CBT will contain 25 objective questions from the entire syllabus of the subject and all are to be answered through online mode for 45 minutes duration for 25 marks (Each question carries 1 mark)
3. **The transfer students from other Universities/institutions to JNTUH Affiliated Colleges who are on rolls are provided one chance to write the CBT(Internal examination) in the failed subjects and/ or subjects not studied as per the clearance letter issued by the University.**
4. The CBT will be conducted in limited number of centers based on the number of registrations and the details will be kept in the examination portal.
5. The students who are interested to attend for the CBT have to register for the examination through web URL which has been using for B.Tech/B.Pharm Exam registrations with the same user ID and password from 10/05/2019, from exam registrations menu and CBT registration option (**B.Tech:registrations1.jntuh.ac.in/olrbtech,registrations2.Jntuh.ac.in/olrbtech, registrations3.jntuh.ac.in/olrbtech**) (**B.Pharm : http://registrations3.jntuh.ac.in/olrbpharmacy** )

6. In case of any difficulty regarding registrations please contact: 9704033577,9989980170 .
7. The Examination time Table and centers for the CBT will be notified later .
8. **Every college has to make the consolidated fees(Mid Exam. Registration Fee) 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:SBI0021008) on or before 18-05-2019 and submit the receipt of payment to the undersigned by 20-05-2019.**
9. The Principals are requested to display the same in the student notice board and inform the students without fail.
10. The Cooperation of the Principals is highly solicited for the smooth conduct of CBT .

Yours Sincerely,

**Sd/-  
DIRECTOR OF EVALUATION**

Date: 08-05-2019

Copy to: - CE, All ACEs.

All B.Tech/B.Pharmacy affiliated Colleges (through Examination Portal).

AR (EXAMS),SDC Section, Concerned Seat Clerk.

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. V.Kamakshi Prasad**

M.Tech., Ph.D.(IIT-M), FIE, MCSI, LMISTE

**Professor of Computer Science and Engineering &**

**DIRECTOR OF EVALUATION**

Date:28-05-2019

To

The Principals of all the Affiliated and Constituent colleges offering B.Tech/B.Pharm courses JNT University Hyderabad

Sir,

Sub: JNTUH, Hyderabad – Examination Branch - I Year II Semester , II Year II Semester & III Year II Semester B.Tech / B.Pharmacy Computer Based Test (CBT) –June -2019-Notification – Instructions to the Principals-Reg.

All the Principals of the Affiliated and Constituent Colleges offering B.Tech / B.Pharmacy courses are hereby informed that the University Examination Branch issues notification for conduct of Computer Based Test (CBT) for I Year II Semester , II Year II Semester & III Year II Semester Computer Based Test (CBT) B.Tech/B.Pharmacy Regular students in the month of June -2019, who are absent for mid-term examination(s) conducted at the college. Further this CBT shall also be conducted for the student(s) who are transferred from other Universities/Autonomous colleges under JNTUH, and for the internal marks component of substitute subjects .

The students appearing for the above examination commencing from 18-06-2019 are informed to note the schedule given below. The CBT exam registration service will be available from 29-05-2019

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

1	I B.Tech II Sem. (R18) - Regular
2	II B.Tech II Sem. (R16) - Regular
3	III B.Tech II Sem. (R16) - Regular
4	I B.Pharm II Sem. (R17) - Regular
5	II B.Pharm II Sem. (R17) - Regular
6	III B.Pharm II Sem. (R16) - Regular

### STUDENT REGISTRATION SCHEDULE

<i>EVENT</i>	<i>Start date of registration for Regular (at respective colleges)</i>	<i>Last date of registration for regular (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS TRANSFER For Regular.Exams)</i>
<b>Exam Registration Without Late Fee</b>	<b>29-05-2019</b>	<b>07-06-2019</b>	<b>12-06-2019</b> <b>For I Year II SEM</b> <b>II Year II SEM &amp;</b> <b>III Year II SEM</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>08-06-2019</b>	<b>10-06-2019</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>11-06-2019</b>	<b>11-06-2019</b>	

<b>EXAMINATION FEE</b>	
1.FOR ONE THEORY SUBJECT	<b>Rs. 350/-</b>
2.FOR TWO THEORY SUBJECTS	<b>Rs. 450/-</b>
3.FOR THREE THEORY SUBJECTS	<b>Rs. 550/-</b>
4.FOR FOUR THEORY SUBJECTS and above (And also for ALL THEORY SUBJECTS)	<b>Rs. 750/-</b>

**The Principals are requested to note the following instructions.**

1. The Computer Based Test (CBT) is intended to benefit the students who were absent during the mid examination conducted at the college. Further this CBT shall also be conducted for the student who are transferred from other Universities/Autonomous colleges under JNTUH, and for the internal marks component of substitute subjects.
2. The CBT will contain 25 objective questions from the entire syllabus of the subject and all are to be answered through online mode for 45 minutes duration for 25 marks (Each question carries 1 mark)
3. **The transfer students from other Universities/institutions to JNTUH Affiliated Colleges who are on rolls are provided one chance to write the CBT(Internal examination) in the failed subjects and/ or subjects not studied as per the clearance letter issued by the University.**
4. The CBT will be conducted in limited number of centers based on the number of registrations and the details will be kept in the examination portal.
5. The students who are interested to attend for the CBT have to register for the examination through web URL which has been using for B.Tech / B.Pharm Exam registrations with the same user ID and password from 29/05/2019, from exam registrations menu and CBT registration option (**B.Tech:registrations1.jntuh.ac.in/olrbtech,registrations2.Jntuh.ac.in/olrbtech, registrations3.jntuh.ac.in/olrbtech**) (**B.Pharm : http://registrations3.jntuh.ac.in/olrbpharmacy** )
6. In case of any difficulty regarding registrations please contact: 9704033577,9989980170 .

7. The Examination time Table and centers for the CBT will be notified later .
8. **Every college has to make the consolidated fees(Mid Exam. Registration Fee) 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:SBI0021008) on or before 12-06-2019 and submit the receipt of payment to the undersigned by 13-06-2019.**
9. The Principals are requested to display the same in the student notice board and inform the students without fail.
10. The Cooperation of the Principals is highly solicited for the smooth conduct of CBT .

Yours Sincerely,

**Sd/-  
DIRECTOR OF EVALUATION**

Date: 28-05-2019

Copy to: - CE, All ACEs.

All B.Tech/B.Pharmacy affiliated Colleges (through Examination Portal).

AR (EXAMS),SDC Section, Concerned Seat Clerk.



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. V.Kamakshi Prasad**

M.Tech., Ph.D. (IIT-M), FIE, MCSI, LMISTE

**Professor of Computer Science and Engineering &**

**DIRECTOR OF EVALUATION**

Date: 28-12-2019

To

The Principals of all the Affiliated and Constituent colleges offering B.Tech / B.Pharm courses  
JNT University Hyderabad

Sir,

Sub: JNTUH, Hyderabad – Examination Branch - I Year I Semester B.Tech / B.Pharmacy  
Computer Based Test (CBT) – Jan -2020-Notification – Instructions to the Principals-Reg.

All the Principals of the Affiliated and Constituent Colleges offering B.Tech / B.Pharmacy courses are hereby informed that the University Examination Branch issues notification for conduct of Computer Based Test (CBT) for B.Tech / B.Pharmacy I Year I Semester Regular students in the month of January-2020 who are absent for mid-term examination(s) conducted at the college. Further this CBT exam shall also be conducted for the student(s) who are transferred from other Universities / Autonomous colleges under JNTUH, and for the internal marks component of substitute subjects .

The students appearing for the above examination commencing from 25-1-2020 for B.Pharm I-I and from 28-01-2020 for B.Tech I-I are informed to note the schedule given below. The CBT exam registration service will be available from 31-12-2019

1	I B.Tech I Sem. (R18) - Regular
2	I B.Pharm I Sem. (R17) - Regular

## STUDENT REGISTRATION SCHEDULE

<i>EVENT</i>	<i>Start date of registration for Regular (at respective colleges)</i>	<i>Last date of registration for regular (at respective colleges)</i>	<i>Date for Consolidated Fees Payment (Single RTGS TRANSFER For Regular.Exams)</i>
<b>Exam Registration Without Late Fee</b>	<b>31-12-2019</b>	<b>06-01-2020</b>	<b>13-01-2020</b> <b>For</b> <b>I Year I Sem</b>
<b>Exam Registration With Late Fee of Rs.100/-</b>	<b>07-01-2020</b>	<b>09-01-2020</b>	
<b>Exam Registration With Late Fee of Rs.1000/-</b>	<b>10-01-2020</b>	<b>10-01-2020</b>	

<b>EXAMINATION FEE</b>	
1.FOR ONE THEORY SUBJECT	<b>Rs. 350/-</b>
2.FOR TWO THEORY SUBJECTS	<b>Rs. 450/-</b>
3.FOR THREE THEORY SUBJECTS	<b>Rs. 550/-</b>
4.FOR FOUR THEORY SUBJECTS and above (And also for ALL THEORY SUBJECTS)	<b>Rs. 750/-</b>

**The Principals are requested to note the following instructions.**

1. The Computer Based Test (CBT) is intended to benefit the students who were absent during the mid examination conducted at the college. Further this CBT shall also be conducted for the student who are transferred from other Universities/Autonomous colleges under JNTUH, and for the internal marks component of substitute subjects.
2. The CBT will contain 25 objective questions from the entire syllabus of the subject and all are to be answered through online mode for 45 minutes duration for 25 marks (Each question carries 1 mark)
3. **The transfer students from other Universities/institutions to JNTUH Affiliated Colleges who are on rolls are provided one chance to write the CBT(Internal examination) in the failed subjects and/ or subjects not studied as per the clearance letter issued by the University.**
4. The CBT will be conducted in limited number of centers based on the number of registrations and the details will be kept in the examination portal.
5. The students who are interested to attend for the CBT have to register for the examination through web URL which has been using for B.Tech / B.Pharm Exam registrations with the same user ID and password from 31/12/2019, from exam registrations menu and CBT registration option (**B.Tech:registrations1.jntuh.ac.in/olrbtech,registrations2.Jntuh.ac.in/olrbtech, registrations3.jntuh.ac.in/olrbtech**) (**B.Pharm : http://registrations3.jntuh.ac.in/olrbpharmacy** )

6. In case of any difficulty regarding registrations please contact: 9704033577,9989980170 .
7. The Examination time Table and centers for the CBT will be notified later .
- 8. Every college has to make the consolidated fees(CBT Exam. Registration Fee) 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:SBI0021008) on or before 13-01-2020 and submit the receipt of payment to the undersigned by 17-01-2020.**
9. The Principals are requested to display the same in the student notice board and inform the students without fail.
10. The Cooperation of the Principals is highly solicited for the smooth conduct of CBT .

Yours Sincerely,

**Sd/-  
DIRECTOR OF EVALUATION**

Date: 28-12-2019

Copy to: - CE, All ACEs.

All B.Tech/B.Pharmacy affiliated Colleges (through Examination Portal).

AR (EXAMS),SDC Section, Concerned Seat Clerk.