SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

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

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PRINCIPAL

Scient Institute of Technology

Ibrahimpatnam, R. R. Dt -

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 ≥ 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 (≥ 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/ Mini- project	Industrial training/ Summer Internship/ 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

S. No.	Promotion	Conditions to be fulfilled
1	First year first semester to first year second semester	Regular course of study of first year first semester.
2	First year second semester to second year first semester	(i) Regular course of study of first year second semester. (ii) Must have secured at least 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.
3.	Second year first semester to second year second semester	Regular course of study of second year first semester.
4	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 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.
5	Third year first semester to third year second semester	Regular course of study of third year first semester.
6	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 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.
7	Fourth year first semester to fourth year second semester	Regular course of study of fourth year first semester.

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 ≥ 5.0 (in each semester), and CGPA (at the end of each successive semester) ≥ 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 semester end examination for any subject/ course, but absent from it or failed (thereby failing to secure **'C'** grade or above) may reappear for that subject/ course in the supplementary examination as and when conducted. In such cases, internal marks (CIE) assessed earlier for that subject/ course will be carried over, and added to the marks to be obtained in the SEE supplementary examination for evaluating performance in that subject.

7.7 A student **detained in a semester due to shortage of attendance may be re-admitted in the same semester in the next academic year for fulfillment of academic requirements**. The academic regulations under which a student has been 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 semester end examinations (SEE) 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,** the SEE shall consist of five 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. There shall be no Part – A, and Part – B system.

8.2.3 For subjects like **Machine Drawing Practice/Machine Drawing**, the SEE shall be conducted for 75 marks consisting of two parts viz. (i) Part – A for 30 marks. 3 out of 4 questions must be answered, (ii) Part – B for 45 marks. Part – B is compulsory.

8.2.4 For the Subject **Estimation, Costing and Project Management**, the SEE paper should consist of Part- A, Part-B and Part C. (i) Part – A – 1 out of 2 questions from Unit – I for 30 Marks, (ii) Part – B – 1 out of 2 questions from Unit – II for 15 Marks, (iii) Part – C – 3 out of 5 questions from Units – III, IV, V for 30 Marks.

8.2.5 For subjects **Structural Engineering – I & II (RCC & STEEL),** the SEE 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 12 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:

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

Greater than or equal to 90%	**O (Outstanding)**	**10**
80 and less than 90%	**A^+ (Excellent)**	**9**
70 and less than 80%	**A (Very Good)**	**8**
60 and less than 70%	**B^+ (Good)**	**7**
50 and less than 60%	**B (Average)**	**6**
40 and less than 50%	**C (Pass)**	**5**
Below 40%	**F (FAIL)**	**0**
Absent	**Ab**	**0**

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 (ΣCP) 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

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

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 ith subject, and G_i represents the grade points (GP) corresponding to the letter grade awarded for that i^{th} subject.

9.9 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student in all semesters considered for registration. The CGPA is the ratio of the total credit points secured by a student in **all** registered courses 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

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

(i.e., up to and inclusive of S semesters, S ≥ 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 1st semester onwards up to and inclusive of the 8th 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 jth subject, and G_j represents the grade points (GP) corresponding to the letter grade awarded for that j^{th} subject. After registration and completion of I year I semester, the SGPA of that semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of SGPA:

Course/Subject	Credits	Letter Grade	Grade Points	Credit Points
Course 1	4	A	8	4 x 8 = 32
Course 2	4	O	10	4 x 10 = 40
Course 3	4	C	5	4 x 5 = 20
Course 4	3	B	6	3 x 6 = 18
Course 5	3	A+	9	3 x 9 = 27
Course 6	3	C	5	3 x 5 = 15
	21			152

SGPA = 152/21 = 7.24

Illustration of calculation of CGPA up to 3rd 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
	Total Credits	**69**		**Total Credit Points**	**518**

CGPA = 518/69 = 7.51

The above illustrated calculation process of CGPA will be followed for each subsequent semester until 8th 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 SGPA and CGPA of a semester will be mentioned in the semester Memorandum of Grades if all subjects of that semester are passed in first attempt. Otherwise the SGPA and CGPA shall be mentioned only on the Memorandum of Grades in which sitting he passed his last exam in that semester. However, mandatory courses will not be taken into consideration.

10.0 Passing standards

10.1 A student shall be declared successful or 'passed' in a semester, if he secures a GP ≥ 5 ('C' grade or above) in every subject/course in that semester (i.e. when the student gets an SGPA ≥ 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 ≥ 5.00 for the award of the degree as required.

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

% of Marks = (final CGPA – 0.5) x 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 ≥ 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) ≥ 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 ≥ 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 semester end examinations in any semester due to shortage of attendance or any other reason.

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

12.4 Students with final CGPA (at the end of the under graduate programme) ≥ 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) ≥ 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) ≥ 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.

15.4 Where the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.

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

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

	Nature of Malpractices/Improper conduct	**Punishment**
	If the student:	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which student is appearing but has not made use of (material shall include any marks on the body of the student which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other student orally or by any other body language methods or communicates through cell phones with any student or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the students involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject	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

	of the examination (theory or practical) in which the student is appearing.	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	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject

	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.	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.
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.

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2021-22

B. TECH./B.PHARM. II YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Dussehra Recess	11.10.2021	16.10.2021 (1 Week)
2	Commencement of I Semester classwork	**18.10.2021**	
3	1st Spell of Instructions	18.10.2021	11.12.2021 (8 Weeks)
4	First Mid Term Examinations	13.12.2021	18.12.2021 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	24.12.2021	
6	2nd Spell of Instructions	20.12.2021	12.02.2022 (8 Weeks)
7	Second Mid Term Examinations	14.02.2022	19.02.2022 (1 Week)
8	Preparation Holidays and Practical Examinations	21.02.2022	26.02.2022 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	26.02.2022	
10	End Semester Examinations	28.02.2022	12.03.2022 (2 Weeks)

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**14.03.2022**	
2	1st Spell of Instructions (including Summer Vacation)	14.03.2022	28.05.2022 (11Weeks)
3	Summer Vacation	09.05.2022	21.05.2022 (2 Weeks)
4	First Mid Term Examinations	30.05.2022	04.06.2022 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	11.06.2022	
6	2nd Spell of Instructions	06.06.2022	30.07.2022 (8 Weeks)
7	Second Mid Term Examinations	01.08.2022	06.08.2022 (1 Week)
8	Preparation Holidays and Practical Examinations	09.08.2022	16.08.2022 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	16.08.2022	
10	End Semester Examinations	17.08.2022	30.08.2022 (2 Weeks)

REGISTRAR 11/10/21

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Academic Calendar 2021-22

B. TECH./B.PHARM. III & IV YEARS I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	06.092021	
2	1st Spell of Instructions (including Dussehra Recess)	06.09.2021	06.11.2021 (9 Weeks)
3	Dussehra Recess	11.10.2021	16.10.2021 (1 Week)
4	First Mid Term Examinations	08.11.2021	13.11.2021 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	20.11.2021	
6	2nd Spell of Instructions	15.11.2021	08.01.2022 (8 Weeks)
7	Second Mid Term Examinations	10.01.2022	18.01.2022 (1 Week)
8	Preparation Holidays and Practical Examinations	19.01.2022	25.01.2022 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	25.01.2022	
10	End Semester Examinations	27.01.2022	09.02.2022

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	10.02.2022	
2	1st Spell of Instructions	10.02.2022	06.04.2022 (8 Weeks)
3	First Mid Term Examinations	07.04.2022	13.04.2022 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	20.04.2022	
5	2nd Spell of Instructions (including Summer Vacation)	16.04.2022	24.06.2022 (10 Weeks)
6	Summer Vacation	09.05.2022	21.05.2022 (2 Weeks)
7	Second Mid Term Examinations	25.06.2022	01.07.2022 (1 Week)
8	Preparation Holidays and Practical Examinations	02.07.2022	09.07.2022 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	09.07.2022	
10	End Semester Examinations	11.07.2022	23.07.2022 (2 Weeks)

REGISTRAR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2021-22

MBA/MCA I YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	**09.12.2021**	
2	1st Spell of Instructions	09.12.2021	05.02.2022 (9 Weeks)
3	First Mid Term Examinations	07.02.2022	12.02.2022 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	19.02.2022	
5	2nd Spell of Instructions	14.02.2022	09.04.2022 (8 Weeks)
6	Second Mid Term Examinations	11.04.2022	19.04.2022 (1 Week)
7	Preparation Holidays and Practical Examinations	20.04.2022	26.04.2022 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	26.04.2022	
9	End Semester Examinations	27.04.2022	12.05.2022 (2 Weeks)

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**13.05.2022**	
2	1st Spell of Instructions	13.05.2022	08.07.2022 (8 Weeks)
3	First Mid Term Examinations	09.07.2022	15.07.2022 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	21.07.2022	
5	2nd Spell of Instructions	16.07.2022	10.09.2022 (8 Weeks)
6	Second Mid Term Examinations	12.09.2022	17.09.2022 (1 Week)
7	Preparation Holidays and Practical Examinations	19.09.2022	24.09.2022 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	24.09.2022	
9	End Semester Examinations	26.09.2022	11.10.2022 (2 Weeks)

REGISTRAR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2021-22

B. TECH./B.PHARM. I YEAR I & II SEMESTERS

7/12/21

I SEM

S. No	Description	Duration	
		From	To
1	Induction programme	09.12.2021 to 18.12.2021	
2	1st Spell of Instructions	20.12.2021	12.02.2022 (8 Weeks)
3	First Mid Term Examinations	14.02.2022	19.02.2022 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	26.02.2022	
5	2nd Spell of Instructions	21.02.2022	23.04.2022 (9 Weeks)
6	Second Mid Term Examinations	25.04.2022	30.04.2022 (1 Week)
7	Preparation Holidays and Practical Examinations	02.05.2022	07.05.2022 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	07.05.2022	
9	End Semester Examinations	09.05.2022	21.05.2022 (2 Weeks)

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	23.05.2022	
2	1st Spell of Instructions	23.05.2022	16.07.2022 (8 Weeks)
3	First Mid Term Examinations	18.07.2022	23.07.2022 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	30.07.2022	
5	2nd Spell of Instructions	26.07.2022	17.09.2022 (8 Weeks)
6	Second Mid Term Examinations	19.09.2022	24.09.2022 (1 Week)
7	Preparation Holidays and Practical Examinations	26.09.2022	01.10.2022 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	01.10.2022	
9	End Semester Examinations	03.10.2022	18.10.2022 (2 Weeks)

06/12/21

REGISTRAR

SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, Ranga Reddy District-501 506

ACADEMIC CALENDAR :2021-2022

B.TECH. III & IV YEARS I & II SEMESTERS

Date: 04.09.2021

To

The Head of Dept.

SUB: Academic Calendar B.TECH III & IV years I & II semesters (JNTUH Model Curriculum) for the academic year 2021-22 Reg.

Ref: Dated-02.09.2021 from the Director, Principal and Faculty of Engineering SNTI

Sir

With reference to the latter cited. I hereby communicate the Approval of the Academic Calendar B.TECH III & IV Years I & II Semesters for the academic year 2021-22 of (JNTUH Model curriculum)

I SEMESTERS

S.No	Description	Duration	
		From	To
	Commencement of 1st Semester classwork	06.09.2021	
	Engineers Day	15.09.2021	
1	Dussehra recess	11.10.2021	16.10.2021 (1 Week)
3	1st Speel of Instructions	06.09.2021	06.11.2021 (9 weeks)
4	First Mid of Term Examinations	08.11.2021	13.11.2021 (1 weeks)
5	Display of 1st Mid Marks	17.11.2021	
6	Parent Teacher Meet	19.11.2021	
7	Submission of first Mid Term Exam Marks to the University on or before	20.11.2021	
8	2nd spell of Instructions	15.11.2021	08.01.2022 (8 weeks)
9	Second Mid of Term Examinations	10.01.2022	18.01.2022 (1 weeks)
10	Display of 2nd Mid Marks	23.01.2022	
11	Preparation Holidays and Practical Examinations	19.01.2022	25.01.2022 (1 weeks)
12	Display of 1st Mid & 2nd Mid Average Marks	24.01.2022	
13	Submission of second Mid Term Exam Marks to the University on or before	25.01.2022	
14	End Semester Examinations	27.01.2022	09.02.2022

I I SEMESTERS

S.No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	10.02.2022	
2	1st Speel of Instructions	10.02.2022	06.04.2022 (8 weeks)
3	Summer Vacation	09.05.2022	21.05.2022 (2 weeks)
4	First Mid of Term Examinations	07.04.2022	13.04.2022 (1weeks)
5	Display of 1st Mid Marks	16.04.2022	
6	Parent Teacher Meet	18.04.2022	
7	Submission of first Mid Term Exam Marks to the University on or before	20.04.2022	
8	2nd spell of Instructions(including summer vacation)	16.04.2022	24.04.2022 (10 weeks)
	summer vacation	09.05.2022	21.05.2022 (2 weeks)
9	Second Mid of Term Examinations	25.06.2022	01.07.2022 (1 weeks)
10	Display of 2nd Mid Marks	05.07.2022	
11	Preparation Holidays and Practical Examinations	02.07.2022	09.07.2022 (1 weeks)
12	Display of 1st Mid & 2nd Mid Average Marks	07.07.2022	
13	Submission of second Mid Term Exam Marks to the University on or before	09.07.2022	
14	End Semester Examinations	11.07.2022	23.07.2022 (2 weeks)

PRINCIPAL

PRINCIPAL
Scient Institute of Technology
Ibrahimpatnam, R. R. Dt.-501 50

SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, Ranga Reddy District-501 506

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DEPARTMENT ACADEMIC CALANDER :2021-2022

SEMESTER-I

Date: 2nd September,2021

PART	EVENT	DATE OF COMMENCEMENT	DATE OF COVERAGE
1st	COMMENCEMENT OF CLASS WORK	6th September, 2021	
	Instructions for covering Unit 1st to 2.5th	6th September, 2021	4th November, 2021
	Instructions for covering unit 1st	6th September, 2021	16th September, 2021
	Department meeting & Review meeting of syllabus Coverage of Unit 1st	17th September, 2021 at 1:30 PM at HOD Office	
	Unit 1st Revision	18th & 19th September, 2021	
	Class Internal test-Unit 1st	20th September, 2021	
	Instructions for covering unit 2nd	21st September, 2021	5th October, 2021
	Department meeting & Review meeting of syllabus Coverage of Unit 2nd	6th October, 2021at 1:30 PM at HOD Office	
	2nd Unit Revision	7th October, 2021	
	Class Internal test-Unit 2nd	30th October, 2020	
	Instructions for covering unit 2.5	31st October, 2021	8th November, 2021
	Unit 2.5th Revision	9th November, 2020	
	Class Internal test-Unit 2.5th	10th November, 2020	
	Department meeting & Review meeting of syllabus Coverage of Unit 2.5th	11th November, 2021 at 1:30 PM at HOD Office	
	1st Mid Examinations (Practical)	6th November, 2021	7th November, 2021
	1st Mid Examinations (Theory)	8th November, 2021	13th November , 2021
2nd	Instructions for covering Unit 2.5th to 5th	15th November, 2021	8th Jan, 2022
	Instruction for covering Unit 2.5th – 3rd	15th November, 2021	28 th November, 2021
	Department meeting & Review meeting of syllabus Coverage of Unit 3rd	29th November, 2021 at 1:30 PM at HOD Office	
	Unit 3rd Revision	30th November, 2021	
	Class Internal test: Unit 3rd	1st December, 2021	
	Instructions for covering unit 4th	2nd December , 2021	13th December, 2021
	Department meeting & Review meeting of syllabus Coverage of Unit 4th	14th December, 2021 at 1:30 PM at HOD Office	
	4th Unit Revision	15th December r, 2021	
	Class Internal test: Unit 4th	16th December ,2021	
	Parent Teacher Meeting	17th December, 2021	
	2nd Work shop for 2nd & 3rd year	2 Days-Workshop (18th – 19th December, 2021)	
	Instructions for covering unit 5th	20th December, 2021	30th December, 2021
	Department meeting & Review meeting of syllabus Coverage of Unit 5th	2nd Jan, 2022 at 1:30 PM at HOD Office	
	Unit 5th Revision	3rd jan, 2022	
	Class Internal test: Unit 5th	4th Jan, 2022	
	2nd Mid Examinations (Practical)	5th Jan, 2022	6th Jan, 2022
	2nd Mid Examinations (Theory)	10th Jan, 2022	18th Jan, 2022
	Preparation Holidays & Practical Examination	19th Jan, 2022	25th Jan, 2022
	End Semester Regular & Supplementary Examination	27th Jan, 2022	9th Feb, 2022

HOD EEE

(Dr.Y.V.BALARAM KRISHNA RAO)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

III YEAR B.TECH –I SEMESTER – R18 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2022-(IN OFFLINE MODE)

TIMETABLE

TIME→ FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)
AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	DATE, SESSION AND DAY					
	11-11-2022 FN FRIDAY	11-11-2022 AN FRIDAY	12-11-2022 FN SATURDAY	12-11-2022 AN SATURDAY	14-11-2022 FN MONDAY	14-11-2022 AN MONDAY
CIVIL ENGINEERING (01-C E)	Structural Analysis-II	Geotechnical Engineering	Structural Engineering-I	Transportation Engineering	Concrete Technology Theory of Elasticity Rock Mechanics	Engineering Economics and Accountancy Machinery
ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)	Power Electronics	Power System-II	Measurements and Instrumentation	Business Economics and Financial Analysis	Computer Architecture High Voltage Engineering Electrical Machine Design	---
MECHANICAL ENGINEERING (03- ME)	Dynamics of Machinery	Design of Machine Members-I	Metrology & Machine Tools	Business Economics & Financial Analysis	Thermal Engineering-II	Operations Research

DATE: 07-11-2022

9/11/2022

Sd/-

CONTROLLER OF EXAMINATION

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH – I SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2022-(IN OFFLINE MODE)

TIMETABLE

TIME→ FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM 12.40 PM TO 1.00 PM)
AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	01-11-2022 FN TUESDAY	01-11-2022 AN TUESDAY	02-11-2022 FN WEDNESDAY	02-11-2022 AN WEDNESDAY	04-11-2022 FN FRIDAY
ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE)	Microwave and Optical Communications	Professional Practice law & Ethics	E3	E4	**OE2**
					Data Structures
			Artificial Neural Networks	Biomedical Instrumentation	Artificial Intelligence
					Remote Sensing & GIS
					Python Programming
			Scripting Languages	Database Management Systems	Java Programming
			Digital Image Processing		Fundamentals of Biomedical Applications
					Utilization of Electrical Energy
				Network Security and Cryptography	Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Basic Mechanical Engineering
					Natural Gas Engineering
					Engineering Materials
					Surface Engineering
					Health & Safety in Mines
					Material Handling in Mines

Date: 19-10-2022

Sd/-

CONTROLLER OF EXAMINATIONS

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH – I SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2022-**(IN OFFLINE MODE)**

TIMETABLE

TIME→ FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM:12.40 PM TO 1.00 PM)
AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	01-11-2022 FN TUESDAY	01-11-2022 AN TUESDAY	02-11-2022 FN WEDNESDAY	02-11-2022 AN WEDNESDAY	04-11-2022 FN FRIDAY
COMPUTER SCIENCE AND ENGINEERING (05-CSE)	Cryptography & Network Security	Data Mining	E4	E5	OE2
			Graph Theory	Advanced Algorithms	Remote Sensing & GIS
					Fundamentals of Biomedical Applications
					Electronic Sensors
					Utilization of Electrical Energy
			Introduction to Embedded Systems	Real Time Systems	Electric Drives and Control
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
				Soft Computing	Intellectual Property Rights
					Principles of Entrepreneurship
			Artificial Intelligence		Natural Gas Engineering
					Engineering Materials
			Cloud Computing	Internet of Things	Surface Engineering
					Health & Safety in Mines
					Material Handling in Mines
			Ad-hoc & Sensor Networks	Software Process & Project Management	

Date: 19-10-2022

Sd/-

CONTROLLER OF EXAMINATIONS

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

EXAMINATION BRANCH

IV YEAR B.TECH – I SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2022-(IN OFFLINE MODE)

TIMETABLE

TIME→ FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM:12.40 PM TO 1.00 PM)
AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	01-11-2022 FN TUESDAY	01-11-2022 AN TUESDAY	02-11-2022 FN WEDNESDAY	02-11-2022 AN WEDNESDAY	04-11-2022 FN FRIDAY
			E3	E4	OE2
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Fundamentals of Management for Engineers	---	Digital Control systems	HVDC Transmission	Data Structures
					Artificial Intelligence
					Remote Sensing & GIS
			Digital Signal Processing	Power System Reliability	Python Programming
					Java Programming
			Electrical and Hybrid Vehicles	Industrial Electrical Systems	Fundamentals of Biomedical Applications
					Electronic Sensors
					Basic Mechanical Engineering
					Basics of Aeronautical Engineering
					Intellectual Property Rights
					Principles of Entrepreneurship
					Natural Gas Engineering
					Engineering Materials
					Surface Engineering
					Health & Safety in Mines
					Material Handling in Mines

Date: 19-10-2022

Sd/-

CONTROLLER OF EXAMINATIONS

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

EXAMINATION BRANCH

II YEAR B.TECH –II SEMESTER – R18 REGULATION - II MID TERM EXAMINATIONS AUGUST-2022 (IN OFFLINE MODE)

TIMETABLE

TIME→ FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)
AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	DATE, SESSION AND DAY					
	10-08-2022 FN WEDNESDAY	10-08-2022 AN WEDNESDAY	11-08-2022 FN THURSDAY	11-08-2022 AN THURSDAY	12-08-2022 FN FRIDAY	12-08-2022 AN FRIDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)	Laplace Transforms, Numerical Methods & Complex variables	Electrical Machines – II	Control Systems	Power System - I	Digital Electronics	---
ELECTRONICS & COMMUNICATIONS ENGINEERING (04- ECE)	Laplace Transforms, Numerical Methods & Complex Variables	Electromagnetic Fields and Waves	Analog and Digital Communications	Linear IC Applications	Electronic Circuit Analysis	---
COMPUTER SCIENCE & ENGINEERING (05- CSE)	Discrete Mathematics	Business Economics & Financial Analysis	Operating Systems	Database Management Systems	Java Programming	----

Sd/-

DATE: 30-07-2022

CONTROLLER OF EXAMINATIONS

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500085

EXAMINATION BRANCH

III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS JULY-2022-(IN OFFLINE MODE)

TIMETABLE

TIME→ FN: 10.30 AM TO 11.50 AM (DESCRIPTIVE EXAM: 10.30 AM TO 11.30 AM, OBJECTIVE EXAM: 11.30 AM TO 11.50 AM)
AN: 2.00 PM TO 03.20 PM (DESCRIPTIVE EXAM: 2.00 PM TO 3.00 PM, OBJECTIVE EXAM: 3.00 PM TO 03.20 PM)

BRANCH	21-07-2022 FN MONDAY	21-07-2022 AN MONDAY	22-07-2022 FN TUESDAY	22-07-2022 AN TUESDAY	23-07-2022 FN SATURDAY	23-07-2022 AN SATURDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Signals and Systems	Microprocessors & Microcontrollers	Power System Protection	E2	Power System Operation and Control	(OE1)
				Optimization Techniques		Disaster Preparedness & Planning Management
						Entrepreneurship
						Fundamentals of Management for Engineers
						Cyber Law & Ethics
						Basics of Sensors Technology
						Fundamentals of Internet of Things
						Quantitative Analysis for Business Decisions
				Wind and Solar Energy systems		Industrial Management
						Non-Conventional Energy Sources
				Power Semiconductor Drives		General Geology
						Testing of Materials
						Alloy Steels
						Introduction to Mining Technology
						Coal Gasification, CBM & Shale Gas

SET-C

SCIENT INSTITUTE OF TECHNOLOGY

B.Tech II Year II Sem II-MID Examination , MAY-2022

SUBJECT: ELECTRICAL MACNES-II

BRANCH : EEE

MARKS : 10 M

DURATION : 1 Hour

DATE:

Each Question Carries Five Marks

Answer any TWO from the following

Sl.No.	Questions	Bloom's Taxonomy
1	What is Hunting ? How to suppress Hunting?	L2,L4
2	Write the constructional details of 1-ϕ induction motor?	L1
3	Explain Potier triangle method?	L3
4	Explain theory of operation of synchronous motor?	L3

Set No. B

SCIENT INSTITUTE OF TECHNOLOGYU (C0)
KHANAPUR (V) IBRAHIMPATNAM (M) R.R DIST
IIB.Tech. II Sem., II Mid-Term Examinations, AUG-2022
BRANCH: EEE

ELECTRICAL MACHINES -II

Objective Exam

Name: _____ *Hall Ticket No.* | | | | | | A | | | | |

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1) One turn consists of [ ]

a) Two coilsides b) Two conductors c) Four conductors d) Four coilsides

2) When an alternator is running on no load, the power supplied by the prime mover is mainly consumed[ ]

a) To meet iron losses
b) To meet copper losses
c) To meet all no load losses
d) To produce induced emf in armature winding

3) In an alternator, when the load increases due to armature reaction, the terminal voltage [ ]

a) Rises b) Drops c) Remains unchanged d) May drop or rise

4) Use of damped winding in alternators results [ ]

a) Elimination of harmonic effects
b) A low resistance path for the currents due to unbalancing of voltage
c) Oscillations when two alternators operate in parallel
d) All of these

5) The following method is best suited for finding the voltage regulation of an alternator [ ]

a) Synchronous impedance method b) Politer triangle method
c) MMF method d) None of these

6) An alternator is capable of delivering power at a particular frequency. The frequency can be increased by [ ]

a) Increasing the current supplied to the field electromagnets
b) Reversing the armature rotation
c) Increasing armature speed
d) Reversing the field polarity

7) For successful parallel operation of two alternators, it is necessary that [ ]

a) They are synchronized using synchroscope and dark and bright lamp method of synchronization
b) Their phase sequence, voltage, frequency and polarity be the same
c) Both (a) and (b)
d) None of these

8) The hunting in synchronous machines can be guarded against by [ ]

a) Using a flywheel

b) Designing the synchronous machine with suitable synchronizing power

c) Damped bars

d) All of these

9 As the speed of an alternator increases, the frequency [ ]

a) Increases b) Decreases c) Remains constant
d) May increases or decreases depending on the power factor

10 The generator which gives dc supply to the rotor of an alternator is called [ ]

a) Convertor b) Exciter c) Inverter d) Rectifier

II. Fill up the Blanks: (10X0.5 = 5 Marks)

11) A 50 Hz synchronous motor runs at 200 rpm the number of salient poles on the rotor are.....

12) The full load slip of a synchronous motor is .....

13) Permissible variation in supply frequency of alternators is.....

14) Salient pole machines have.....

15) In a synchronous alternator, the frequency f in Hz is given by.....

16) In a large alternator, the moving part is.....

17) Small synchronous motors are started by.....

18) In a synchronous motor, net armature voltage is ..... of E_B and V

19) Cylindrical rotor alternators have .....

20) The rated voltage of alternators used in power stations is usually.....

-oOo-

Set No. C

SCIENT INSTITUTE OF TECHNOLOGYU (C0)
KHANAPUR (V) IBRAHIMPATNAM (M) R.R DIST
II B.Tech. II Sem., II Mid-Term Examinations, AUG-2022
BRANCH: EEE

ELECTRICAL MACHINES -II

Objective Exam

Name: _____ *Hall Ticket No.* | | | | | | A | | | | |

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1 As the speed of an alternator increases, the frequency [ ]

a) Increases b) Decreases c) Remains constant
d) May increases or decreases depending on the power factor

2 The generator which gives dc supply to the rotor of an alternator is called [ ]

a) Convertor b) Exciter c) Inverter d) Rectifier

3) In an alternator, when the load increases due to armature reaction, the terminal voltage [ ]

a) Rises b) Drops c) Remains unchanged d) May drop or rise

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a) They are synchronized using synchroscope and dark and bright lamp method of synchronization

b) Their phase sequence, voltage, frequency and polarity be the same

c) Both (a) and (b)

d) None of these

8) Use of damped winding in alternators results [ ]

a) Elimination of harmonic effects
b) A low resistance path for the currents due to unbalancing of voltage
c) Oscillations when two alternators operate in parallel
d) All of these

9) One turn consists of [ ]

a) Two coilsides b) Two conductors c) Four conductors d) Four coilsides

10) When an alternator is running on no load, the power supplied by the prime mover is mainly consumed[ ]
a) To meet iron losses
b) To meet copper losses
c) To meet all no load losses
d) To produce induced emf in armature winding

II. Fill up the Blanks: (10X0.5 = 5 Marks)

11) Cylindrical rotor alternators have .....

12) The rated voltage of alternators used in power stations is usually.....

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14) Salient pole machines have.....

15) In a synchronous alternator, the frequency f in Hz is given by.....

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17) The full load slip of a synchronous motor is .....

18) In a synchronous motor, net armature voltage is ..... of E_B and V

19) A 50 Hz synchronous motor runs at 200 rpm the number of salient poles on the rotor are.....

20) Small synchronous motors are started by.....

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD-500085

Scient Institute of Technology(C0)

B.Tech - R18 - II Year - I Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2022-03-05 15.34.24

HNTO	15302	15309	15310	15332	153AC	153AP	153AQ	153AR	153AW
20C01A0205	10	15	20	75	9	14	6	15	15
20C01A0207	10	14	14	77	11	9	12	11	10
20C01A0209	12	16	19	86	17	15	16	16	16
20C01A0210	14	16	20	92	16	14	16	15	14
20C01A0211	18	21	22	93	20	17	20	20	23
20C01A0212	12	16	20	81	17	14	18	17	14
20C01A0213	12	15	19	91	14	10	17	17	13
20C01A0214	14	22	19	85	20	19	22	17	20
20C01A0215	15	23	20	83	22	20	21	23	21
20C01A0216	18	25	23	84	20	23	21	22	20
20C01A0218	10	15	18	92	15	10	14	14	12
20C01A0219	4	15	21	91	7	4	8	7	7
20C01A0220	12	18	20	87	16	18	15	16	13
20C01A0221	8	15	21	75	16	8	13	14	13
20C01A0222	9	16	19	90	9	4	8	7	7
20C01A0224	12	18	22	91	16	9	17	15	17
20C01A0225	18	25	24	92	22	23	23	24	21
20C01A0226	14	17	20	90	14	7	13	8	19
20C01A0227	12	15	19	95	21	19	20	18	16
20C01A0228	12	16	21	88	18	15	15	13	17
20C01A0230	4	14	14	78	10	9	11	10	8
20C01A0231	14	15	21	86	18	14	16	14	16
20C01A0232	12	16	20	81	17	7	15	14	9
20C01A0233	19	15	21	78	16	8	13	14	12
20C01A0234	21	24	22	81	24	18	20	19	21
20C01A0236	12	15	18	93	8	10	8	14	11
20C01A0237	15	24	20	85	23	17	16	17	21
20C01A0238	2	14	12	80	-1	-1	-1	-1	-1
20C01A0239	16	23	21	92	20	21	20	21	21
20C01A0240	17	24	20	89	22	19	19	21	20
20C01A0241	8	14	13	79	16	11	17	10	16
20C01A0242	12	17	18	78	18	11	15	14	14

HNTO	15302	15309	15310	15332	153AC	153AP	153AQ	153AR	153AW
20C01A0243	15	20	22	91	21	20	22	16	20
20C01A0244	18	18	19	92	22	15	17	17	18
20C01A0245	12	15	20	80	16	13	13	15	16
21C05A0201	18	20	19	72	22	17	19	15	16
21C05A0202	7	14	13	76	-1	-1	-1	-1	-1
21C05A0203	24	25	22	80	24	23	21	24	22
21C05A0204	23	25	25	82	25	24	25	22	23
21C05A0205	12	16	16	79	14	13	13	17	16
21C05A0206	24	24	21	91	23	22	20	20	20
21C05A0207	16	15	21	75	16	3	10	19	19
21C05A0208	4	14	18	82	7	4	9	15	7
21C05A0209	20	24	23	78	23	20	21	20	23
21C05A0210	12	15	20	79	16	7	11	17	19
21C05A0211	17	20	23	90	21	15	20	18	20
21C05A0212	5	14	20	75	16	7	14	15	13
21C05A0213	12	20	19	80	17	15	19	18	16
21C05A0214	15	22	22	80	22	18	21	15	19
21C05A0215	13	21	21	81	20	18	18	19	20
21C05A0216	3	15	22	80	16	10	18	13	16
Total:51	668	925	1007	4281	853	681	796	792	800

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

Subject Code	Subject Name
15309	ELECTRICAL CIRCUITS LAB
153AQ	ELECTRICAL MACHINES I
153AP	ELECTRICAL CIRCUIT ANALYSIS
15310	ELECTRICAL MACHINES LAB I
15332	GENDER SENSITIZATION LAB
153AC	ANALOG ELECTRONICS
15302	ANALOG ELECTRONICS LAB
153AR	ELECTROMAGNETIC FIELDS
153AW	ENGINEERING MECHANICS

17

Signature Of Principal with Date & Offic

PRINCIPAL

Sri Vasavi Institute of Technolo

Bhimavaram, R. R. Dt.-501

SCIENT INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

II YEAR II SEM LAB Day to Day Evalauation Sheet

NAME OF THE LAB: ELECTRICAL MACHINES-II (BATCH-I)

EXPERIMENT NO			1				2				3				4				5			
DATE			20/12/2019				3/1/2020				10/1/2019				24/01/2020				31/01/2020			
Sl.no	HT.NO	Name of the student	V	O+E	R	T	V	O+E	R	T	V	O+E	R	T	V	O+E	R	T	V	O+E	R	T
1	18C01A0203	BANTU MADHU	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15
2	18C01A0204	BODDUPALLY CHANDRASHEKAR	4	5	5	14	3	5	5	13	4	5	5	14	3	5	5	13	4	5	5	14
3	18C01A0205	BOOTHARAJU GANESH	4	5	5	14	4	5	5	14	4	5	5	14	2	5	5	12	4	5	5	14
4	18C01A0206	CHITAMONI SWATHI	3	5	5	13	5	5	5	15	3	5	5	13	3	5	5	13	3	5	5	13
5	18C01A0207	DUNNA LIKHITHA	2	5	5	12	4	5	5	14	2	5	5	12	5	5	5	15	2	5	5	12
6	18C01A0209	GORATI RAMESH	5	5	5	15	4	5	5	14	5	5	5	15	3	5	5	13	5	5	5	15
7	18C01A0210	JANAPATI SAI SHIVA	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15
8	18C01A0211	KALACONDA PAVAN KUMAR	4	5	5	14	3	5	5	13	4	5	5	14	2	5	5	12	4	5	5	14
9	18C01A0215	KORRA SWAMY	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13
10	18C01A0218	MANGLARAM RUCHITHA	5	5	5	15	4	5	5	14	5	5	5	15	4	5	5	14	5	5	5	15
11	18C01A0220	METHARI HANMADAS	3	5	5	13	5	5	5	15	3	5	5	13	3	5	5	13	3	5	5	13
12	18C01A0221	MOHAMMAD GALIB PASHA	4	5	5	14	4	5	5	14	4	5	5	14	2	5	5	12	4	5	5	14
13	18C01A0222	NENAVATH RAMU NAIK	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13
14	18C01A0223	PATHLAVATH PRAVEEN	3	5	5	13	4	5	5	14	3	5	5	13	3	5	5	13	3	5	5	13
15	18C01A0228	V LOKESH NAIK	4	5	5	14	4	5	5	14	4	5	5	14	4	5	5	14	4	5	5	14
16	19C05A0201	A UMAMAHESH	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15
17	19C05A0202	AINENI VINAYRAO	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15

I/C

V= VIVA(5M), O+E = OBSERVATION+ EXECUTION(5M), R= RECORD(5M)

PRINCIPAL
Scient Institute of Technology
Ibrahimpatnam, R. R. Dt.-501 506

Head of the Department (E E E)
SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpatnam-501 506, R R Dist

SCIENT INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

II YEAR II SEM LAB Day to Day Evalauation Sheet

NAME OF THE LAB: ELECTRICAL MACHINES-II (BATCH-I)

EXPERIMENT NO			6				7				8				9				10			
DATE			28/01/2020				11/2/2020				18/02/2020				25/02/2020				3/3/2020			
Sl.no	HT.NO	Name of the student	V	O+E	R	T	V	O+E	R	T	V	O+E	R	T	V	O+E	R	T	V	O+E	R	T
1	18C01A0203	BANTU MADHU	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15
2	18C01A0204	BODDUPALLY CHANDRASHEKAR	4	5	5	14	3	5	5	13	4	5	5	14	3	5	5	13	4	5	5	14
3	18C01A0205	BOOTHARAJU GANESH	4	5	5	14	4	5	5	14	4	5	5	14	2	5	5	12	4	5	5	14
4	18C01A0206	CHITAMONI SWATHI	3	5	5	13	5	5	5	15	3	5	5	13	3	5	5	13	3	5	5	13
5	18C01A0207	DUNNA LIKHITHA	2	5	5	12	4	5	5	14	2	5	5	12	5	5	5	15	2	5	5	12
6	18C01A0209	GORATI RAMESH	5	5	5	15	4	5	5	14	5	5	5	15	3	5	5	13	5	5	5	15
7	18C01A0210	JANAPATI SAI SHIVA	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15
8	18C01A0211	KALACONDA PAVAN KUMAR	4	5	5	14	3	5	5	13	4	5	5	14	2	5	5	12	4	5	5	14
9	18C01A0215	KORRA SWAMY	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13
10	18C01A0218	MANGLARAM RUCHITHA	5	5	5	15	4	5	5	14	5	5	5	15	4	5	5	14	5	5	5	15
11	18C01A0220	METHARI HANMADAS	3	5	5	13	5	5	5	15	3	5	5	13	3	5	5	13	3	5	5	13
12	18C01A0221	MOHAMMAD GALIB PASHA	4	5	5	14	4	5	5	14	4	5	5	14	2	5	5	12	4	5	5	14
13	18C01A0222	NENAVATH RAMU NAIK	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13	3	5	5	13
14	18C01A0223	PATHLAVATH PRAVEEN	3	5	5	13	4	5	5	14	3	5	5	13	3	5	5	13	3	5	5	13
15	18C01A0228	V LOKESH NAIK	4	5	5	14	4	5	5	14	4	5	5	14	4	5	5	14	4	5	5	14
16	19C05A0201	A UMAMAHESH	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15
17	19C05A0202	AINENI VINAYRAO	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15

I/C

V= VIVA(5M), O+E = OBSERVATION+ EXECUTION(5M), R= RECORD(5M)

PRINCIPAL
Scient Institute of Technology
Ibrahimpatnam, R. R. Dt.-501 506.

Head of the Department (EEE)
SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpatnam-501 506, R.R. Dist.

SCIENT INSTITUE OF TECHNOLOGY

IBRAHIMPATNAM, RANGAREDDY DISTRICT, T.S.-501506

MAJOR PROJECT INTERNAL EVALAUATION

			MAJOR PROJECT REVIEW-I				MAJOR PROJECT REVIEW-II				
S.NO	ROLL NUMBER	STUDENT NAME	KNOWLEDGE (10)	PRESENTATION(10)	VIVA(5)	TOTALA (25)	KNOWLEDGE (10)	PRESENTATION(10)	VIVA(5)	TOTALB (25)	AVERAGE
1	16C01A0201	A.SHRAVANI	9	9	4	22	9	9	4	22	**22**
2	16C01A0202	B.RAMAKRISHNA	8	8	4	20	8	8	4	20	**20**
3	16C01A0203	B.SRIKANTH	8	8	4	20	8	8	4	20	**20**
4	16C01A0206	G.POOJA	9	9	4	22	9	9	4	22	**22**
5	16C01A0211	K.SWAPNA	8	8	4	20	8	8	4	20	**20**
6	16C01A0213	M.SRIKANTH	8	8	4	20	8	8	4	20	**20**
7	16C01A0214	M.SWATHI	9	8	4	21	9	8	4	21	**21**
8	16C01A0215	N.SHRAVANI	9	9	4	22	9	9	4	22	**22**
9	17C05A0201	B.GANESH	9	9	4	22	9	9	4	22	**22**
10	17C05A0202	C.ACHUTH RAO	9	9	4	22	9	9	4	22	**22**
11	17C05A0203	G.TANA CHARY	8	8	4	20	8	8	4	20	**20**
12	17C05A0205	K.RADHIKA	8	8	4	20	8	8	4	20	**20**
13	17C05A0207	K.RAKESH	9	9	4	22	9	9	4	22	**22**
14	17C05A0208	P.GURUSWAMI	8	8	4	20	8	8	4	20	**20**
15	17C05A0209	V.BALAKRISHNA	9	9	4	22	9	9	4	22	**22**

HOD

PROJECT CO-ORDINATOR

PRINCIPAL
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Ibrahimpatnam, R. R. Dt.-501 506

SCIENT INSTITUE OF TECHNOLOGY

IBRAHIMPATNAM, RANGAREDDY DISTRICT, T.S.-501506

SEMINAR EVALAUATION

S.NO	ROLL NUMBER	STUDENT NAME	TITLE CONTENT AND WORK(30)	KNOWELDGE &PARCIPATION(30)	PRESENTATION SKILLS(20)	VIVA(20)	TOTAL(100)
1	16C01A0201	A.SHRAVANI	27	28	18	19	92
2	16C01A0202	B.RAMAKRISHNA	28	27	19	18	92
3	16C01A0203	B.SRIKANTH	27	26	18	18	89
4	16C01A0206	G.POOJA	26	25	19	19	89
5	16C01A0211	K.SWAPNA	25	26	18	18	87
6	16C01A0213	M.SRIKANTH	28	29	19	17	93
7	16C01A0214	M.SWATHI	27	27	17	18	89
8	16C01A0215	N.SHRAVANI	27	26	18	17	88
9	17C05A0201	B.GANESH	28	28	19	18	93
10	17C05A0202	C.ACHUTH RAO	27	28	18	19	92
11	17C05A0203	G.TANA CHARY	28	28	19	19	94
12	17C05A0205	K.RADHIKA	27	27	18	18	90
13	17C05A0207	K.RAKESH	28	27	18	19	92
14	17C05A0208	P.GURUSWAMI	28	28	19	19	94
15	17C05A0209	V.BALAKRISHNA	26	27	19	18	90

HOD

SEMIINAR CO-ORDINATER

PRINCIPAL
Scient Institute of Technology
Ibrahimpatnam, R. R. Dist.

SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, R.R Dist 501506

(NAAC Accredited, Approved by AICTE & Affiliated to JNTUH)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 04.04.2022

CIRCULAR

Members of PAC are here by informed that meeting of Program Assessment Committee is scheduled on 06.04.2022 at 2.00 PM in the HOD chamber to discuss the following Agenda. All the members are requested to make it convenient to attend the meeting.

The agenda of the meeting is as follows:

1. Discussion regarding Value added courses.
2. Discussion about Students Result Analysis.
3. Discussion about R&D.
4. Discussion about NAAC format updates.
5. Any other item with the permission of the chair,

HOD CSE

Dr.L.Srikanth

Head of the Department CS
Scient Institute of Techn...
Ibra...

Copy to:

1. Committee members

- Dr.L.Srikanth prof&HOD
- DR.PRABHAKARA RAO, Assoc.Prof
- CHANDRA NAIK, Asst.Prof
- BASIPOGULA MARIA JOSEPH, Asst.Prof
- K. MITHUN CHAKRAVARTHI, Asst.Prof
- K. VENKATA RAMANA, Asst.Prof
- KALWA DEEPTHI, Asst.Prof
- KORRA SRINIVAS, Asst.Prof
- D.Ramya (Alumni student)
- Dr.YV.Balaramakrishna rao HOD-EEE

SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, R.R Dist 501506

(NAAC Accredited, Approved by AICTE & Affiliated to JNTUH)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 07.04.2022

MINUTES OF MEETING:

The Program Assessment Committee met on 06.04.2022 at 2.00 PM in the CSE HOD chamber, Scient institute of Technology, Ibrahimpatnam, and Hyderabad to discuss the following Agenda

The following members were present in the meeting

- Dr.L.Srikanth prof&HOD
- Dr.PRABHAKARA RAO, Assoc. Prof
- CHANDRA NAIK, Asst. Prof
- BASIPOGULA MARIA JOSEPH, Asst. Prof
- K. MITHUN CHAKRAVARTHI, Asst. Prof
- K. VENKATA RAMANA, Asst. Prof
- KALWA DEEPTHI, Asst. Prof
- KORRA SRINIVAS, Asst. Prof
- D. RAMYA, (Alumni student)
- Dr.YV.Balaramakrishna rao HOD-EEE

The meeting started with the welcome speech by Dr.MULUGU NARENDHAR, Head of the Department. The points mentioned in the agenda were discussed and the details are:

Item No.1: Committee instructed the Coordinators of CRT and Spoken tutorial to enroll the students in various courses and committee approved the proposal to organize a Five-day Workshop on "Skill Development Program on Primavera-P6" (Hands on Experience)

Item No.2: Committee instructed Student Counselors to council the students regarding attendance and results

Item No.4: Committee instructed R&D department team, to make necessary arrangements for Committee informed the faculty to prepare research proposals for minor and major projects under professional bodies.

Item No.5: Committee instructed faculty to go through the NAAC process as per revised format.

The minutes should be forwarded to Department Advisory Committee and IQAC for the approval.

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The meeting concluded with a vote of thanks by Dr.MULUGU NARENDHAR Head of the Department CSE.

HOD CSE

Dr.L.Srikanth

Head of the Department CSE
Scient Institute of Technology
Ibrahimpatnam, R.R. Dist

Copy to:

1. Committee members

- Dr.L.Srikanth Prof & HOD
- Dr.PRABHAKARA RAO, Assoc. Prof
- CHANDRA NAIK, Asst. Prof
- BASIPOGULA MARIA JOSEPH, Asst. Prof
- K. MITHUN CHAKRAVARTHI, Asst. Prof
- K. VENKATA RAMANA, Asst. Prof
- KALWA DEEPTHI, Asst. Prof
- KORRA SRINIVAS, Asst. Prof
- D. RAMYA, (Alumni student)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 06.04.2022

CIRCULAR

Sir,

We are privileged to inform you that, the Program Assessment Committee (PAC) meeting is scheduled on 7 April, 2022

Agenda

1. Conduction of Value Added Courses
2. Discussion on Course Outcomes
3. Discussion on identified curricular gaps ,topics beyond syllabus
4. Any other issue.

Date: 07-04-2022 Time of Meeting 02.30pm Venue of Meeting-HoD Room

We solicit your presence

Thanking you sir

Yours faithfully

Dr.VENKATA BALARAMA KRISHNA RAO YADALA

Copy to:

Dr.Y.V.Balarama Krishna Rao ,professor	HOD
Mr. KONA NARESH VARMA, Asst. Prof	*Program Coordinator*
Mr. VEDA KUMAR, Asst. Prof	*Member*
Mr. BAIROJU SREENIVAS, Asst. Prof	*Member*
Mr. PANDI SURESH, Asst. Prof	*Member*
Mr. PARLAPELLY LAXMAN, Asst. Prof	Member
Mrs. RAMISETTI THANUJA, Asst. Prof	Member
Mr.K.Rohith Kumar(Alumni student)	Member
Dr.Rajaiah Badankanti, HOD-ECE	Member

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 07.04.2022

Minutes of the Meeting

The meeting of Programme Assessment Committee (PAC) of Electrical and Electronics Engineering was held on 7th April, 2022.

Agenda

1 Value Added Course on Current technologies-Electric Vahicle.
2. Discussion on Course Outcomes
4. Discussion on identified curricular gaps, topics beyond syllabus
6. Any other issue

During the meeting the following members were present.

S.NO	NAME OF THE MEMBER	DESIGNATION
01	Dr.VENKATA BALARAMA KRISHNA RAO YADALA	HOD
02	KONA NARESH VARMA	*Program Coordinator*
03	VEDA KUMAR	Member
04	BAIROJU SREENIVAS	Member
05	PANDI SURESH	Member
06	PARLAPELLY LAXMAN	Member
07	Mr.K.Rohith Kumar(Alumni student)	Membe
08	Dr.Rajaiah Badankanti, HOD-ECE	Member

The HOD, welcomed all the members of the committee.

The following points were discussed during the meeting and the minutes were recorded as below,

1. A value Added Course on Electric Vehicle Design & Analysis is to be conducted to apprise the present EEE students.

2. The members observed the computations of course outcomes and discussed the blooms taxonomy levels.
3. The members are also discussed identified curriculum gaps suggested by senior faculty based on curriculum gap.
4. Suggested guest lectures, motivational talks and hands on experience sessions to bridge the curriculum gaps

Dr.VENKATA BALARAMA KRISHNA RAO YADALA, HOD, thanked the members for their sincere efforts by spending their valuable time to give suggestions

The minutes of the meeting are forwarded to DAC

Copy to: Members of the committee, Dept. Office and Principal