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

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PRINCIPAL
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by State Act No. 30 of 2008)

Kukatpally, Hyderabad, Telangana (India).

ACADEMIC REGULATIONS (R22) FOR B.TECH REGULAR STUDENTS

WITH EFFECT FROM THE ACADEMIC YEAR 2022-23

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

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

2.0 Eligibility for Admission

2.1 Admission to the undergraduate(UG) programme shall be made either on the basis of the merit rank obtained by the qualified student in entrance test conducted by the Telangana State Government (EAMCET) or the University or on the basis of any other order of merit approved by the University, subject to reservations as prescribed by the government from time to time.

2.2 The medium of instructions for the entire undergraduate programme in Engineering & Technology will be **English** only.

3.0 B.Tech. Programme Structure

3.1 A student after securing admission shall complete the B.Tech. programme in a minimum period of **four** academic years (8 semesters), and a maximum period of **eight** academic years (16 semesters) starting from the date of commencement of first year first semester, failing which student shall forfeit seat in B.Tech course. Each student shall secure 160 credits (with CGPA $\geq$ 5) required for the completion of the undergraduate programme and award of the B.Tech. degree.

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

3.2.1 Semester Scheme

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

3.2.2 Credit Courses

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

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

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

3.2.3 Subject Course Classification

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

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

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

4.0 Course Registration

4.1 A 'faculty advisor or counselor' shall be assigned to a group of 20 students, who will advise the students about the undergraduate programme, its course structure and curriculum, choice/option for subjects/ courses, based on their competence, progress, pre-requisites and interest.

4.2 The academic section of the college invites 'registration forms' from students before the beginning of the semester through 'on-line registration', ensuring 'date and time stamping'. The 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 the Head of the Department, Faculty Advisor/ Counselor and the student.

4.4 A student may be permitted to register for all the subjects/ courses in a semester as specified in the course structure with maximum additional subject(s)/course(s) limited to 6 Credits (any 2 elective subjects), based on **progress** and SGPA/ CGPA, and completion of the '**pre-requisites'** as indicated for various subjects/ courses, in the department course structure and syllabus contents.

4.5 Choice for '**additional subjects/ courses**', not more than any 2 elective subjects in any Semester, must be clearly indicated, which needs the specific approval and signature of the Faculty Advisor/Mentor/HOD.

4.6 If the student submits ambiguous choices or multiple options or erroneous entries during **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 inevitable or unexpected reasons, then the student shall be allowed to have alternate choice either for a new subject (subject to offering of such a subject), or for another existing subject (subject to availability of seats). Such alternate arrangements will be made by the Head of the Department, with due notification and time-framed schedule, within **a week** after the commencement of class-work for that semester.

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

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

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

5.0 **Subjects/ courses to be offered**

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

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

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

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

6.0 **Attendance requirements:**

6.1 A student shall be eligible to appear for the semester end examinations, if the student acquires a minimum of 75% of attendance in aggregate of all the subjects/ courses (including attendance in mandatory courses like Environmental Science, Constitution of India, Intellectual Property Rights, and Gender Sensitization Lab) for that semester. **Two periods** of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject. **This attendance should also be included in the attendance uploaded every fortnight in the University Website.**

6.2 Shortage of attendance in aggregate upto 10% (65% and above, and below 75%) in each semester may be condoned by the college academic committee on genuine and valid grounds, based on the student's representation with supporting evidence.

6.3 A stipulated fee shall be payable for condoning of shortage of attendance.

6.4 Shortage of attendance below 65% in aggregate shall in **NO** case be condoned.

6.5 **Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examinations of that semester. They get detained and their registration for that semester shall stand cancelled,** including all academic credentials (internal marks etc.) of that semester**. They will not be promoted to the next semester.** They may seek re-registration for all those subjects registered in that semester in which the student is detained, by seeking re-admission into that semester as and when offered; if there are any professional electives and/ or open electives, the same may also be re-registered if offered. However, if those electives are not offered in later semesters, then alternate electives may be chosen from the **same** set of elective subjects offered under that category.

6.6 A student fulfilling the attendance requirement in the present semester shall not be eligible for readmission into the same class.

7.0 Academic Requirements

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

7.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course, if student secures not less than 35% (14 marks out of 40 marks including minimum 35% of average Mid-Term examinations for 25 marks) in the internal examinations, not less than 35% (21 marks out of 60 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 Real-time Research Project (or) Field Based Research Project (or) Industry Oriented Mini Project (or) Internship (or) Seminar, if the student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in each of them. The student is

deemed to have failed, if he (i) does not submit a report on Industry Oriented Mini Project/Internship, or (ii) not make a presentation of the same before the evaluation committee as per schedule, or (iii) secures less than 40% marks in Real-time Research Project (or) Field Based Research Project (or) Industry Oriented Mini Project (or) Internship evaluations.

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

7.3 Promotion Rules

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

		semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
7	**Fourth year first semester to 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 ≥ 5 (at the end of 8 semesters), (iv) **passes all the mandatory courses,** to successfully complete the undergraduate programme. The performance of the student in these 160 credits shall be considered for the calculation of the final CGPA **(at the end of undergraduate programme),** and shall be indicated in the grade card / marks memo of IV-year II semester.

7.5 If a student registers for '**extra subjects'** (in the parent department or other departments/branches of Engg.) other than those listed subjects totaling to 160 credits as specified in the course structure of his department, the performances in those '**extra subjects**' (although evaluated and graded using the same procedure as that of the required 160 credits) will not be considered while calculating the SGPA and CGPA. For such '**extra subjects'** registered, percentage of marks and letter grade alone will be indicated in the grade card / marks memo as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations Items 6 and 7.1 – 7.4 above.

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

7.7 A student **detained in a semester due to shortage of attendance may be re-admitted in the same semester in the next academic year for fulfillment of academic requirements**. The academic regulations under which a student has been re-admitted shall be applicable. Further, no grade allotments or SGPA/ CGPA calculations will be done for the entire semester in which the student has been detained.

7.8 A student detained **due to lack of credits, shall be promoted to the next academic year only after acquiring the required number of academic credits.** The academic regulations under which the student has been readmitted shall be applicable to him.

8.0 Evaluation - Distribution and Weightage of Marks

8.1 The performance of a student in every subject/course (including practicals and Project Stage – I & II) will be evaluated for 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End-Examination).

8.2 In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of two parts i) **Part – A** for 10 marks, ii) **Part – B** for 15 marks with a total duration of 2 hours as follows:

1. Mid_Term Examination for 25 marks:
   a. Part - A : Objective/quiz paper for 10 marks.
   b. Part – B : Descriptive paper for 15 marks.

Student shall have to earn 35%, i.e 9 marks out of 25 marks from average of two mid-term examinations (I Mid-Term & II Mid-Term).

The remaining 15 marks of Continuous Internal Assessment (out of 40) are distributed as:

2. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)
3. Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 10 marks.

- The objective/quiz paper is set with multiple choice, fill-in the blanks and match the following type of questions for a total of 10 marks. The descriptive paper shall contain 5 full questions out of which, the student has to answer 3 questions, each carrying 5 marks. The student has to get minimum of 35% (on 25 marks allocated for Mid-Term examinations) on average of two Mid-Term examinations.

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

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

Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the subject concerned for 10 marks before II Mid-Term Examination.

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

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

- Part-A is a compulsory question which consists of ten sub-questions from all units carrying equal marks.

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

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

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

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

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

1. 10 marks for write-up
2. 15 for experiment/program
3. 15 for evaluation of results
4. 10 marks for presentation on another experiment/program in the same laboratory course and
5. 10 marks for viva-voce on concerned laboratory course

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

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

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

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

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

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

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

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

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

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

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

8.10 A student shall be given one time chance to re-register for a maximum of two subjects:

- If the internal marks secured by a candidate in Mid examinations (average of two mid-term examinations consisting of Objective & descriptive parts) are less than 35% and failed in those subjects (or)
- failed in Assignment & Subject Viva-voce/ PPT/Poster Presentation/ Case Study on a topic in the concerned subject but fulfilled the attendance requirement.

A student must re-register for the failed subject(s) for 40 marks within four weeks of commencement of the classwork in next academic year. Also, the student has to earn 35% of total internal marks (14 out of 40 marks including Mid-Term examinations, Assignment & Subject Viva-voce/PPT/ Poster presentation/ Case Study on a topic in the concerned subject).

In the event of the student taking this chance, his Continuous Internal Evaluation marks for 40 and Semester End Examination marks for 60 obtained in the previous attempt stand cancelled.

9.0 Grading Procedure

9.1 Grades will be awarded to indicate the performance of students in each Theory Subject, Laboratory/Practicals/ Industry-Oriented Mini Project/Internship/SDC and Project Stage. Based on the percentage of marks obtained (Continuous Internal Evaluation plus Semester End Examination, both taken together) as specified in item 8 above, a corresponding letter grade shall be given.

9.2 As a measure of the performance of a student, a 10-point absolute grading system using the following letter grades (as per UGC/AICTE guidelines) and corresponding percentage of marks shall be followed:

% 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

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

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

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

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

(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 1^{st} semester onwards up to and inclusive of the 8^{th} semester, 'j' is the subject indicator index (takes into account all subjects from 1 to 8 semesters), C_j is the no. of credits allotted to the j^{th} subject, and G_j represents the grade points (GP) corresponding to the letter grade awarded for that j^{th} subject. After registration and completion of I year I semester, the SGPA of that semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of SGPA:

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

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 calculation process of CGPA illustrated above 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 ≥ 5.0 at the end of that particular semester); and he shall be declared successful or 'passed' in the entire undergraduate programme, only when gets a CGPA ≥ 5.00 ('**C**' grade or above) for the award of the degree as required.

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

11.0 Declaration of results

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

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

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

12.0 Award of Degree

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

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

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

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

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

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

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

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

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

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

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

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

1. A student is awarded 2-Year UG Diploma Certificate in the concerned engineering branch on completion of all the academic requirements and earned all the 80 credits (with in 4 years from the date of admission) upto B. Tech. – II Year – II Semester, if the student want to exit the 4-Year B. Tech. program. The student **once opted and awarded for 2-Year UG Diploma Certificate, the student will not be permitted to join** in B. Tech. III Year – I Semester and continue for completion of remaining years of study for 4-Year B. Tech. Degree.
2. A student may be permitted to take one year break after completion of II Year – II Semester or B. Tech. – III Year – II Semester (with university permission through the principal of the college well in advance) and can re-enter the course in **next Academic Year in the same college** and complete the course on fulfilling all the academic credentials within a stipulated duration i.e. double the duration of the course (Ex. within 8 Years for 4-Year program).

13.0 Withholding of results

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

14.0 Transitory Regulations

A. For students detained due to shortage of attendance:

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

B. For students detained due to shortage of credits:

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

C. For readmitted students in R22 Regulations:

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

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

15.0 Student Transfers

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

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

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

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

15.5 The autonomous affiliated colleges have to provide one chance to write the internal examinations in the **equivalent subject(s)** to the students transferred from other

universities/institutions to JNTUH autonomous affiliated colleges who are on rolls, as per the clearance (equivalence) letter issued by the University.

16.0 Scope

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

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

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

16.4 Where the words "he", "him", "his", occur in the regulations, they include "she", "her", "hers".

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by State Act No. 30 of 2008)

Kukatpally, Hyderabad, Telangana (India).

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

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

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

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

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

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

5. **Promotion rule**

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

		(ii) Must have secured at least 48 credits out of 80 credits i.e., 60% credits up to 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).

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

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Malpractices Rules

Disciplinary Action For / Improper Conduct in Examinations

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

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

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

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

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

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

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

2.0 Eligibility for Admissions

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

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

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

3.0 MBA Programme Structure

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

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

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

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

3.4.1 Semester Scheme

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

3.4.2 Credit Courses

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

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

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

3.4.3 Subject Course Classification

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

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

4.0 Course Registration

4.1 A 'Faculty Advisor or Counselor' shall be assigned to each specialization, who will advise on the MBA, its Course Structure and Curriculum, Choice/Option for Subjects/ Courses, based on his competence, progress, pre-requisites and interest.

4.2 The Academic Section of the College invites 'Registration Forms' from students within 15 days from the commencement of class work through 'ON-LINE SUBMISSIONS', ensuring 'DATE and TIME Stamping'. The ON-LINE Registration Requests for any 'CURRENT SEMESTER' shall be completed BEFORE the commencement of SEEs (Semester End Examinations) of the 'PRECEDING SEMESTER'.

4.3 A Student can apply for ON-LINE Registration, ONLY AFTER obtaining the 'WRITTEN APPROVAL' from his Faculty Advisor, which should be submitted to the College Academic Section through the Head of Department (a copy of it being retained with Head of Department, Faculty Advisor and the Student).

4.4 If the Student submits ambiguous choices or multiple options or erroneous entries during ON-LINE Registration for the Subject(s) / Course(s) under a given/ specified Course Group/ Category as listed in the Course Structure, only the first mentioned Subject/ Course in that Category will be taken into consideration.

4.5 Subject/ Course Options exercised through ON-LINE Registration are final and CANNOT be changed, nor can they be inter-changed; further, alternate choices also will not be considered. However, if the Subject/ Course that has already been listed for Registration by the University in a

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

5.0 Attendance Requirements

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

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

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

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

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

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

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

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

6.0 Academic Requirements

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

6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if he secures not less than 40% of marks (24 out of 60 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) ≥ 6.0** (in each semester) and final Cumulative Grade Point Average **(CGPA)** (i.e., CGPA at the end of MBA Programme) **≥ 6.0**, to complete the MBA Programme successfully.

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

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

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

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

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

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

6. 8 A Student who fails to earn **102** credits as per the specified course structure, and as indicated above, within **four** academic years from the date of commencement of his first year first semester, shall forfeit his seat in MBA programme and his admission **shall stand cancelled.**

7.0 Evaluation - Distribution and Weightage of Marks

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

7.1 For the theory subjects 60 marks shall be awarded for the performance in the Semester End Examination and 40 marks shall be awarded for Continuous Internal Evaluation (CIE). The

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

In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of two parts i) **Part – A** for 10 marks, ii) **Part – B** for 15 marks with a total duration of 2 hours as follows:

1. Mid-Term Examination for 25 marks:
   a. Part - A: Objective/quiz paper/Short Note for 10 marks.
   b. Part - B: Descriptive paper for 15 marks.

Student shall have to earn 40%, i.e. 10 marks out of 25 marks from average of two mid-term examinations (I Mid-Term & II Mid-Term).

The remaining 15 marks of Continuous Internal Assessment (out of 40) are distributed as:

2. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)
3. PPT/Poster Presentation/ Case Study/Video presentation/Survey/Field Study/Group discussion /Role Play on a topic in the concerned subject for 5+5 =10 marks before II Mid-Term Examination.

- The objective/quiz paper is set with multiple choice, fill-in the blanks, match the following type of questions and short notes for a total of 10 marks. The descriptive paper shall contain 5 full questions out of which, the student has to answer 3 questions, each carrying 5 marks. The student has to get minimum of 40% (on 25 marks allocated for Mid-Term examinations) on average of two Mid-Term examinations.

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

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

PPT/Poster Presentation/ Case Study/ Video presentation/ Survey/ Field Study/ Group discussion / Role Play on a topic in the concerned subject for 5+5 = 10 marks before II Mid-Term Examination.

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

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

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

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

1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure, expected outcome) which shall be evaluated for 10 marks
2. 10 marks for viva-voce (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 10 marks.

4. The remaining 10 marks are for Laboratory Project, which consists of the Project design / Program execution / field study submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

The Semester End Examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the cluster/ other colleges which will be decided by the examination branch of the University.
In the Semester End Examination held for 3 hours and total 60 marks are divided and allocated as shown below:

1. 10 marks for write-up
2. 15 for experiment/program
3. 15 for evaluation of results
4. 10 marks for presentation on another experiment/program in the same laboratory course
5. 10 marks for viva-voce on concerned laboratory course

7.4 For conducting laboratory end examinations, one internal examiner and one external examiner are to be appointed by the Principal of the College and this is to be informed to the Director of Evaluation within two weeks, before commencement of the lab end examinations. The external examiner should be selected from outside the College concerned but within the cluster. No external examiner should be appointed from any other College in the same cluster/any other cluster which is run by the same Management. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.3.

7.5 There shall be a summer internship during the summer vacation of I Year II Semester and the evaluation is done in II Year I Semester. Summer internship Report has to be submitted to the department after approval by the concerned supervisor/mentor and the Head of the department. Summer internship Report is evaluated for 100 marks. The report has to be evaluated by the Head, Supervisor/ mentor and a senior faculty of the department. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.2.

7.6 Every candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee.

7.7 A Project Review Committee (PRC) shall be constituted with the Head of the Department as Chairperson, Project Supervisor and one senior faculty member of the Departments offering the MBA programme.

7.8 Registration of Project Work: A candidate is permitted to register for the project work at the beginning of II Year II Semester after satisfying the attendance requirement in all the subjects, both theory and laboratories upto II Year I Semester. The duration of the project work is one semester.

7.9 After satisfying 7.8, a student, in consultation with his Project Supervisor, has to present the title, objective, and plan of action of his project work to the Project Review Committee (PRC) for approval within **two weeks** from the commencement of II Year II Semester. The student can initiate the Project work after obtaining the approval of the PRC. The Supervisor and PRC will examine the progress of the Project Work during pre-submission project seminar. For the subject 'pre-submission project seminar', there will be only internal evaluation for 100 marks. Evaluation shall be done by the PRC for 50 marks and the Supervisor shall evaluate the work for another 50 marks. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examination as and when notification is issued, subject to item 3.3. Pre-submission project seminar has to be conducted along with 1st and 2nd mid-term examinations.

7.10 If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of the PRC. However, the PRC shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.

7.11 A candidate is permitted to submit project thesis with the approval of PRC not earlier than **16 weeks** from the date of commencement of fourth semester. For the approval of PRC, the candidate shall submit the draft copy of thesis to the Head of the Department and make an oral presentation before the PRC during the Pre-submission project seminar at 2nd mid-term examinations.

7.12 After approval from the PRC, a soft copy of the thesis should be submitted for ANTI-PLAGIARISM check and the plagiarism report should be submitted to the University and be included in the final thesis. The Thesis will be accepted for submission, if the similarity index is less than **30%**. If the similarity index has more than the required percentage, the student is advised to modify accordingly and re-submit the soft copy of the thesis after one month. The maximum number of re-submissions of thesis after plagiarism check is limited to TWO. The candidate has to register for the Project work and work for one semester. After three attempts, the admission is liable to be cancelled. The college authorities are advised to make plagiarism check of every soft copy of theses before submissions.

7.13 Three copies of the Project Thesis certified by the supervisor shall be submitted to the College/School/Institute.

7.14 The thesis shall be adjudicated by an external examiner selected by the University. For this, the Principal of the College/School/Institute shall submit a panel of **three** examiners from among the list of experts in the relevant specialization as submitted by the supervisor concerned and Head of the Department.

7.15 If the report of the external examiner is unsatisfactory, the candidate shall revise and resubmit the Thesis. If the report of the examiner is unsatisfactory again, the thesis shall be summarily rejected. Subsequent actions for such dissertations may be considered, only on the specific recommendations of the external examiner and /or Project Review Committee. No further correspondence in this matter will be entertained, if there is no specific recommendation for resubmission.

7.16 If the report of the external examiner is satisfactory, the Head of the Department shall coordinate and make arrangement for the conduct of Main Project Viva - Voce examination. The Main Project Viva-Voce examination will be evaluated for 100 marks. The Main Project Viva-Voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who adjudicated the Thesis. The candidate has to secure a minimum of 50% of marks in Main Project Viva-Voce examination. For Main Project Viva – Voce examination one external examiner shall be allotted for a group of ten students (in a panel minimum of three students should be there). The Main Project Viva-Voce examination shall be conducted within two weeks after completion of the fourth semester end examinations. The Students need to prepare the PPT (Slides) of the project work for the Viva –voce examination.

7.17 If he fails to fulfill the requirements as specified in 7.16, he will reappear for the Main Project Viva-Voce examination only after three months. In the reappeared examination also, if he fails to fulfill the requirements, he will not be eligible for the award of the degree, unless he is asked to revise and resubmit his project work by the board within a specified time period (within **four** years from the date of commencement of his first year first semester).

7.18 The Main Project Viva-Voce External examination marks must be submitted to the University on the day of the examination.

8.0 Re-Admission/Re-Registration

8.1 Re-Admission for Discontinued Student

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

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

8.3 A candidate shall be given 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 (≥ 90%, ≤ 100%)	O (Outstanding)	10
Below 90% but not less than 80% (≥80%, <90%)	A^+ (Excellent)	9
Below 80% but not less than 70% (≥70%, <80%)	A (Very Good)	8
Below 70% but not less than 60% (≥60%, <70%)	B^+ (Good)	7
Below 60% but not less than 50% (≥ 50%, <60%)	B (above Average)	6
Below 50% (< 50%)	F (FAIL)	0
Absent	**Ab**	**0**

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 (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

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

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

$$\text{CGPA} = \{ \sum_{j=1}^{M} C_j G_j \} / \{ \sum_{j=1}^{M} C_j \}$$

... for all S Semesters registered (ie., upto 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' for from the 1st 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^{th} Subject, and G_j represents the Grade Points (GP) corresponding to the Letter Grade awarded for that j^{th} Subject. After registration and completion of I Year I Semester 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

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

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 CGPA ≥ 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	≥ 7.75
First Class	6.75≤ CGPA < 7.75
Second Class	6.00≤ CGPA < 6.75

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

11.0 Withholding of Results

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

12.0 General

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

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

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

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

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

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

notified by the University.

13.0 Transitory Regulations:

A. For students detained due to shortage of attendance:

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

B. For readmitted students in R22 Regulations:

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

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

15.0 Student Transfers

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

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

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

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

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

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, Bluetooth devices, digital watches or any other form of material concerned with or related to the subject to the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination).	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. Incase of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject to the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate, who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the	Expulsion from the examination hall and cancellation of performance in that subject and

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

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Revised ACADEMIC CALENDAR 2023-24

B. Tech./B. Pharm. IV YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	**31.07.2023**	
2	1st Spell of Instructions	31.07.2023	30.09.2023 (8 Weeks)
4	First Mid Term Examinations	03.10.2023	07.10.2023 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	13.10.2023	
6	2nd Spell of Instructions (including Dussehra Recess)	09.10.2023	08.12.2023 (9 Weeks)
7	Dussehra Recess	23.10.2023	28.10.2023 (1 Week)
8	Second Mid Term Examinations	11.12.2023	16.12.2023 (1 Week)
9	Preparation Holidays and Practical Examinations	18.12.2023	23.12.2023 (1 Week)
10	Submission of Second Mid Term Exam Marks to the University on or before	28.12.2023	
11	End Semester Examinations	27.12.2023	10.01.2024 (2 Weeks)

Note: No. of Working/instructional days: 92

II SEM

S.	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**12.01.2024**	
2	1st Spell of Instructions	12.01.2024	07.03.2024 (8 Weeks)
3	First Mid Term Examinations	11.03.2024	16.03.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	22.03.2024	
5	2nd Spell of Instructions	18.03.2024	18.05.2024 (9 Weeks)
6	Second Mid Term Examinations	20.05.2024	25.05.2024 (1 Week)
7	Preparation Holidays and Practical Examinations	27.05.2024	01.06.2024(1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	01.06.2024	
9	End Semester Examinations	03.06.2024	15.06.2024 (2 Weeks)

Note: No. of Working/ instructional days: 90

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

24/7/23

REGISTRAR

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

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2023-24

B.Tech. I YEAR I & II SEMESTERS

S. No	Description	Duration	
		From	To
1	**Induction programme**	**28.08.2023**	**02.09.2023**
3	1st Spell of Instructions (including Dussehra Recess)	04.09.2023	04.11.2023 (9 Weeks)
4	**Dussehra Recess**	23.10.2023	28.10.2023 (1 Week)
5	First Mid Term Examinations	06.11.2023	10.11.2023 (1 Week)
6	Submission of First Mid Term Exam Marks to the University on or before	17.11.2023	
7	2nd Spell of Instructions	13.11.2023	12.01.2024 (9 Weeks)
8	Second Mid Term Examinations	16.01.2024	22.01.2024 (1 Week)
9	Preparation Holidays and Practical Examinations	23.01.2024	27.01.2024 (1 Week)
10	Submission of Second Mid Term Exam Marks to the University on or before	24.01.2024	
11	End Semester Examinations	29.01.2024	09.02.2024 (2 Weeks)

Note: No. of Working / Instructional Days: 90

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**12.02.2024**	
2	1st Spell of Instructions	12.02.2024	06.04.2024 (8 Weeks)
3	First Mid Term Examinations	08.04.2024	16.04.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	20.04.2024	
5	2nd Spell of Instructions (including Summer Vacation)	18.04.2024	29.06.2024 (10 Weeks)
6	**Summer Vacation**	13.05.2024	25.05.2024 (2 Weeks)
7	Second Mid Term Examinations	01.07.2024	06.07.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	08.07.2024	12.07.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	10.07.2024	
10	End Semester Examinations	15.07.2024	27.07.2024 (2 Weeks)

Note: No. of Working / Instructional Days: 91

21/8/23

REGISTRAR

School Institute of Technology ★ Ibrahimpatnam. R. R. Dt. 501 506 ★

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

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2023-24

B. Tech II YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	**19.09.2023**	
2	1st Spell of Instructions (including Dussehra Recess	19.09.2023	25.11.2023 (10 Weeks)
	Dussehra Recess	23.10.2023	28.10.2023 (1 Week)
3	First Mid Term Examinations	28.11.2023	02.12.2023 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	08.12.2023	
5	2nd Spell of Instructions	04.12.2023	27.01.2024 (8 Weeks)
6	Second Mid Term Examinations	29.01.2024	03.02.2024 (1 Week)
7	Preparation Holidays and Practical Examinations	05.02.2024	09.02.2024 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	07.02.2024	
9	End Semester Examinations	**12.02.2024**	**24.02.2024 (2 Weeks)**

Note: No. of Working / Instructional Days: 90

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**26.02.2024**	
2	1st Spell of Instructions	26.02.2024	29.04.2024 (9 Weeks)
3	First Mid Term Examinations	30.04.2024	04.05.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	10.05.2024	
5	2nd Spell of Instructions (including Summer Vacation)	06.05.2024	12.07.2024 (10 Weeks)
6	**Summer Vacation**	13.05.2024	25.05.2024(2 Weeks)
7	Second Mid Term Examinations	15.07.2024	20.07.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	22.07.2024	27.07.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	24.07.2024	
10	End Semester Examinations	**29.07.2024**	**09.08.2024 (2 Weeks)**

Note: No. of Working / Instructional Days: 90

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2023-24

MBA/MCA II YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	**16.09.2023**	
2	1st Spell of Instructions (including Dussehra Recess	16.09.2023	18.11.2023 (9 Weeks)
3	**Dussehra Recess**	23.10.2023	28.10.2023 (1 Week)
4	First Mid Term Examinations	20.11.2023	25.11.2023 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	02.12.2023	
6	2nd Spell of Instructions	28.11.2023	29.01.2024 (8 Weeks)
7	Second Mid Term Examinations	30.01.2024	03.02.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	05.02.2024	09.02.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	07.02.2024	
10	End Semester Examinations	**12.02.2024**	**24.02.2024 (2 Weeks)**

Note: No. of Working / Instructional Days: 90

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	***26.02.2024***	
2	1st Spell of Instructions	26.02.2024	29.04.2024 (9 Weeks)
3	First Mid Term Examinations	30.04.2024	04.05.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	10.05.2024	
5	2nd Spell of Instructions (including Summer Vacation)	06.05.2024	12.07.2024 (10 Weeks)
6	**Summer Vacation**	13.05.2024	25.05.2024(2 Weeks)
7	Second Mid Term Examinations	15.07.2024	20.07.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	22.07.2024	27.07.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	24.07.2024	
10	End Semester Examinations	**29.07.2024**	**09.08.2024 (2 Weeks)**

Note: No. of Working / Instructional Days: 90

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2023-24
MBA/MCA I YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork (including Induction programme)	03.10.2023	
2	1st Spell of Instructions (including Dussehra Recess)	03.10.2023	02.12.2023 (9 Weeks)
	Dussehra Recess	23.10.2023	28.10.2023 (1 Week)
3	First Mid Term Examinations	04.12.2023	08.12.2023 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	14.12.2023	
5	2nd Spell of Instructions	11.12.2023	09.02.2024 (9 Weeks)
6	Second Mid Term Examinations	12.02.2024	17.02.2024 (1 Week)
7	Preparation Holidays and Practical Examinations	19.02.2024	24.02.2024 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	21.02.2024	
9	End Semester Examinations	26.02.2024	12.03.2024 (2 Weeks)

Note: No. of Working / Instructional Days: 91

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	14.03.2024	
2	1st Spell of Instructions	14.03.2024	10.05.2024 (8 Weeks)
	Summer Vacation	13.05.2024	25.05.2024 (2 Weeks)
3	First Mid Term Examinations	27.05.2024	01.06.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	06.06.2024	
5	2nd Spell of Instructions	03.06.2024	03.08.2024 (9 Weeks)
6	Second Mid Term Examinations	05.08.2024	09.08.2024 (1 Week)
7	Preparation Holidays and Practical Examinations	12.08.2024	17.08.2024 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before	13.08.2024	
9	End Semester Examinations	19.08.2024	31.08.2024 (2 Weeks)

Note: No. of Working / Instructional Days: 92

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2023-24

B. Tech./B. Pharm. III YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	**11.10.2023**	
2	1st Spell of Instructions (including Dussehra Recess)	11.10.2023	12.12.2023 (9 Weeks)
3	**Dussehra Recess**	23.10.2023	28.10.2023 (1 Week)
4	First Mid Term Examinations	13.12.2023	19.12.2023 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	23.12.2023	
6	2nd Spell of Instructions	20.12.2023	19.02.2024 (8 Weeks)
7	Second Mid Term Examinations	20.02.2024	24.02.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	26.02.2024	02.03.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	28.02.2024	
10	End Semester Examinations	04.03.2024	16.03.2024 (2 Weeks)

Note: No. of Working/ instructional days: 90

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**18.03.2024**	
2	1st Spell of Instructions	18.03.2024	10.05.2024 (8 Weeks)
3	**Summer Vacation**	13.05.2024	25.05.2024 (2 Weeks)
4	First Mid Term Examinations	27.05.2024	01.06.2024 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	06.06.2024	
6	2nd Spell of Instructions (including Summer Vacation)	03.06.2024	03.08.2024 (9 Weeks)
7	Second Mid Term Examinations	05.08.2024	09.08.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	12.08.2024	17.08.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	14.08.2024	
10	End Semester Examinations	19.08.2024	31.08.2024 (2 Weeks)

Note: No. of Working/ instructional days: 90

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S. Tan Kalyan
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DEPARTMENT ACADEMIC CALANDER :2023-2024

SEMESTER-I

Date:18th Sep,2024

PART	EVENT	DATE OF COMMENCEMENT	DATE OF COVERAGE
1st	COMMENCEMENT OF CLASS WORK	19th sep 2023	
	Instructions for covering Unit 1 to 2.5	19th sep 2023	25th nov 2023
	Instructions for covering unit 1	19th sep 2023	12th oct 2023
	Department meeting & Review meeting of syllabus Coverage of Unit 1	12th oct 2023 at 1:00pm	
	Unit 1 Revision	13th oct 2023	
	Class Internal test-Unit 1st	14th oct 2023	
	Instructions for covering unit 2nd	16th oct 2023	9th nov 2023
	Department meeting & Review meeting of syllabus Coverage of Unit 2	9th nov 2023 at 1:00pm	
	2nd Unit Revision	10th nov 2023	
	Class Internal test-Unit 2	13th nov 2023	
	Instructions for covering unit 2.5	14th nov 2023	23rd nov 2023
	Unit 2.5 Revision	24th nov 2023	
	Class Internal test-Unit 2.5	25th nov 2023	
	Department meeting & Review meeting of syllabus Coverage of Units up to 2.5	25th nov 2023 at 1:00pm	
	1st Mid Examinations (Practical)	20th nov 2023	25th nov 2023
	1st Mid Examinations (Theory)	28th nov 2023	02nd dec 2023
2nd	Instructions for covering Unit 2.5 to 5	04th dec 2023	27th jan 2024
	Instruction for covering Unit 2.5 – 3	04th dec 2023	12th dec 2023
	Department meeting & Review meeting of syllabus Coverage of Unit 3	12th dec 2023 at 1:00pm	
	Unit 3 Revision	13th dec 2023	
	Class Internal test: Unit 3	14th dec 2023	
	Instructions for covering unit 4	15th dec 2023	04th jan 2024
	Department meeting & Review meeting of syllabus Coverage of Unit 4	04th jan, 2024 at 1:00pm	
	4th Unit Revision	05th jan, 2024	
	Class Internal test: Unit 4	06th jan, 2024	
	Parent Teacher Meeting	08th jan,2024	
	Work shop for 2nd year	2 Days-Workshop (09th – 10th Jan, 2024)	
	Instructions for covering unit 5th	11th jan, 2024	24th jan, 2024
	Department meeting & Review meeting of syllabus Coverage of Unit 5th	24th jan, 2024 at 1:00pm	
	Unit 5th Revision	25th jan, 2024	
	Class Internal test: Unit 5th	27st jan, 2024	
	2nd Mid Examinations (Practical)	22nd jan, 2024	27th jan, 2024
	2nd Mid Examinations (Theory)	29th jan, 2024	03rd feb, 2024
	Preparation Holidays & Practical Examination	05th feb, 2024	09th feb, 2024
	End Semester Regular & Supplementary Examination	12th Feb, 2024	24th Feb, 2024

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(Dr. K. DAMODARA REDDY)

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KUKATPALLY, HYDERABAD – 500 085

EXAMINATION BRANCH

III YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS AUGUST-2024

TIME TABLE

TIME→ FN 10.30 AM TO 11.50 PM (DESCRIPTIVE EXAM: 10.30 AM TO 11.30 AM, OBJECTIVE EXAM: 11.30 AM TO 11.50 AM)
AN: 2.30 PM TO 03.50 PM (DESCRIPTIVE EXAM:2.30 PM TO 3.30 PM, OBJECTIVE EXAM: 3.30 PM TO 03.50 PM)

BRANCH	05.08.2024 FN MONDAY	05.08.2024 AN MONDAY	06.08.2024 FN TUESDAY	06.08.2024 AN TUESDAY	07.08.2024 FN WEDNESDAY	07.08.2024 AN WEDNESDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Signals and Systems	Power System Operation and Control	Power System Protection	E2 Optimization Techniques Wind and Solar Energy systems Power Semiconductor Drives	Microprocessors & Microcontrollers	(OE1) Alloy Steels Basics of Sensors Technology Cloud Computing Coal Gasification, Cbm & Shale Gas Cyber Laws Cyber Laws & Ethics Disaster Preparedness And Planning Management Data structures Data management systems Entrepreneurship Ethical Hacking Exim management for apparel Fundamentals of Ai Fundamentals of Data Science Fundamentals of Internet of Things Fundamentals of Management For Engineers Game Theory General Geology Industrial Management Introduction To Iot Introduction To Mining Technology Iot Sensors Machine Learning Basics Network Administration Non Conventional Energy Sources Machine Learning Basics Operations Research Quantitative Analysis For Business Decisions R Programming Statistical Analysis and Design of Experiments Safety & Hazard Analysis Testing of Materials

Date: 03.08.2024

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EXAMINATION BRANCH

IV YEAR B.TECH – II SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS MARCH-2024

TIMETABLE

TIME→ FN 10:00 AM TO 11.30 AM (DESCRIPTIVE EXAM: 10:00 AM TO 11:00 AM, OBJECTIVE EXAM: 11:00 AM TO 11.30 AM)
AN: 02:00 PM TO 03.30 PM (DESCRIPTIVE EXAM: 02:00 PM TO 03:00 PM, OBJECTIVE EXAM: 03:00 PM TO 03.30 PM

BRANCH	13.03.2024 FN WEDNESDAY	13.03.2024 AN WEDNESDAY	14.03.2024 FN THURSDAY
COMPUTER SCIENCE AND ENGINEERING (05-CSE)	Organizational Behaviour	E6	OE3
		Computational Complexity	Basics of Power Plant Engineering
		Distributed Systems	Elements of Rocket Propulsion
			Energy Sources and Applications
		Neural Networks & Deep Learning	Environmental Impact Assessment
			Fundamentals of Robotics
		Cyber Forensics	Green Fuel Technologies
			High Temperature Materials
		Human Computer Interaction	Light Metals and Alloys
			Measuring Instruments
			Non-Conventional Sources of energy
			Remote Sensing and GIS in Mining
			Total Quality Management
			Solid Fuel Technology
			Basics of Virtual Instrumentation
			Linear and Non-Linear Optimization Techniques

Date: 11-03-2024

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EXAMINATION BRANCH

IV YEAR B.TECH – II SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS MARCH-2024

TIMETABLE

TIME→ FN 10:00 AM TO 11.30 AM (DESCRIPTIVE EXAM: 10:00 AM TO 11:00 AM, OBJECTIVE EXAM: 11:00 AM TO 11.30 AM)
AN: 02:00 PM TO 03.30 PM (DESCRIPTIVE EXAM: 02:00 PM TO 03:00 PM, OBJECTIVE EXAM: 03:00 PM TO 03.30 PM

BRANCH	13.03.2024 FN WEDNESDAY	13.03.2024 AN WEDNESDAY	14.03.2024 FN THURSDAY
ELECTRONICS AND COMMUNICATION ENGINEERING (04-ECE)	E5	E6	OE3
			Basics of Power Plant Engineering
			Database Management Systems
	Satellite Communications	System on Chip Architecture	Elements of Rocket Propulsion
			Energy Sources and Applications
	Radar Systems	Test and Testability	Environmental Impact Assessment
			Fundamentals of Robotics
			Green Fuel Technologies
			High Temperature Materials
	Wireless Sensor Networks	Low Power VLSI Design	Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Non-Conventional Sources of energy
			Basics of Virtual Instrumentation
			Remote Sensing and GIS in Mining
			Total Quality Management
			Solid Fuel Technology
			Scripting Languages

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Date: 11-03-2024

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EXAMINATION BRANCH

IV YEAR B.TECH – II SEMESTER– R18 REGULATION I - MID TERM EXAMINATIONS MARCH-2024

TIMETABLE

TIME→ FN 10:00 AM TO 11.30 AM (DESCRIPTIVE EXAM: 10:00 AM TO 11:00 AM, OBJECTIVE EXAM: 11:00 AM TO 11.30 AM)
AN: 02:00 PM TO 03.30 PM (DESCRIPTIVE EXAM: 02:00 PM TO 03:00 PM, OBJECTIVE EXAM: 03:00 PM TO 03.30 PM)

BRANCH	13.03.2024 FN WEDNESDAY	13.03.2024 AN WEDNESDAY	14.03.2024 FN THURSDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	E5 Power Quality & FACTS	E6 Smart Grid Technologies	OE3
	Control Systems Design	Electrical Distribution Systems	Database Management Systems
			Elements of Rocket Propulsion
	AI Techniques in Electrical Engineering		Basics of Virtual Instrumentation
			Environmental Impact Assessment
			Fundamentals of Robotics
		Advanced Control of Electric Drives	Green Fuel Technologies
			High Temperature Materials
			Light Metals and Alloys
			Linear and Non-Linear Optimization Techniques
			Mobile Application Development
			Machine Learning
			Measuring Instruments
			Non-Conventional Sources of energy
			Remote Sensing and GIS in Mining
			Total Quality Management
			Solid Fuel Technology
			Scripting Languages

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Date: 11-03-2024

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EXAMINATION BRANCH

I YEAR B.TECH II SEMESTER – R22 REGULATIONS I - MID TERM EXAMINATIONS APRIL-2024

TIMETABLE

TIME→ FN: 11.00 AM TO 01.00 PM

BRANCH	DATE AND DAY				
	08-04-2024 MONDAY	10-04-2024 WEDNESDAY	15-04-2024 MONDAY	16-04-2024 TUESDAY	18-04-2024 THURSDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)	Ordinary Differential Equations and Vector Calculus	Electrical Circuit Analysis - II	Applied Physics	English for Skill Enhancement	----
ELECTRONICS & COMMUNICATIONS ENGINEERING (04- ECE)	Ordinary Differential Equations and Vector Calculus	Electronic Devices and Circuits	Engineering Chemistry	Basic Electrical Engineering	Computer Aided and Engineering Graphics
COMPUTER SCIENCE & ENGINEERING (05- CSE)	Ordinary Differential Equations and Vector Calculus	Electronic Devices and Circuits	Applied Physics	English for Skill Enhancement	----
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (73-AI&ML)	Ordinary Differential Equations and Vector Calculus	Electronic Devices and Circuits	Engineering Chemistry	Basic Electrical Engineering	Computer Aided and Engineering Graphics

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EXAMINATION BRANCH

I YEAR B.TECH II SEMESTER – R22 REGULATIONS I - MID TERM EXAMINATIONS APRIL-2024

TIMETABLE

TIME→ FN: 10.00 AM TO 12.00 Noon

BRANCH	DATE AND DAY			
	08-04-2024 MONDAY	10-04-2024 WEDNESDAY	15-04-2024 MONDAY	16-04-2024 TUESDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)	Ordinary Differential Equations and Vector Calculus	Electrical Circuit Analysis - II	Applied Physics	English for Skill Enhancement
ELECTRONICS & COMMUNICATIONS ENGINEERING (04- ECE)	Ordinary Differential Equations and Vector Calculus	Electronic Devices and Circuits	Engineering Chemistry	Basic Electrical Engineering
COMPUTER SCIENCE & ENGINEERING (05- CSE)	Ordinary Differential Equations and Vector Calculus	Electronic Devices and Circuits	Applied Physics	English for Skill Enhancement
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (73-AI&ML)	Ordinary Differential Equations and Vector Calculus	Electronic Devices and Circuits	Engineering Chemistry	Basic Electrical Engineering

DATE: 27-03-2024

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EXAMINATION BRANCH,
KUKATPALLY - HYDERABAD -- 500 085

IV YEAR B.TECH – II SEMESTER– R18 REGULATION II - MID TERM EXAMINATIONS MAY-2024

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	DATE &DAY		
	20-05-2024 FN MONDAY	20-05-2024 AN MONDAY	21-05-2024 FN TUESDAY
	E5	E6	OE3
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Power Quality & FACTS	Smart Grid Technologies	5G Technologies
			Introduction To Social Media Mining
			Blockchain Technology
			Remote Sensing And GIS In Mining
			Basics of Virtual Instrumentation
			Light Metals and Alloys
	Control Systems Design	Electrical Distribution Systems	Fundamentals of Robotics
			Solid Fuel Technology
			Data Visualization Using Python
			Mobile Application Development
	AI Techniques in Electrical Engineering	Advanced Control of Electric Drives	Linear And Non Linear Optimization Techniques
			Social Media Analytics
			Non Conventional Sources Of Energy
			Total Quality Management
			High Temperature Materials
			Elements of Rocket Propulsion
			Database Management Systems
			Machine Learning
			Industrial Iot
			Data Privacy
			Iot Security
			Environmental Impact Assessment
			Green Fuel Technologies
			Scripting Languages
			Measuring Instruments
			Real Time Systems
			Innovation Ip Management And Entrepreneurship
			Genetic Algorithms & Fuzzy Logic
			Chatbots

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Date:16-05-2024

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EXAMINATION BRANCH

II YEAR B.TECH - II SEMESTER – R22 REGULATION I MIDTERM EXAMINATIONS APRIL/MAY-2024

TIMETABLE

TIME→ FN: 10.00 AM TO 12.00 Noon

BRANCH	DATE, SESSION AND DAY				
	30-04-2024 TUESDAY	01-05-2024 WEDNESDAY	02-05-2024 THURSDAY	03-05-2024 FRIDAY	04-05-2024 SATURDAY
ELECTRICAL AND ELECTRONICS ENGINEERING (02- EEE)	Solid Mechanics & Hydraulic Machines	Measurements and Instrumentation	Electrical Machines–II	Digital Electronics	Power System-II
ELECTRONICS & COMMUNICATIONS ENGINEERING (04- ECE)	Probability Theory and Stochastic Processes	Electromagnetic Fields and Transmission Lines	Analog and Digital Communications	Linear and Digital IC Applications	Electronic Circuit Analysis
COMPUTER SCIENCE & ENGINEERING (05- CSE)	Discrete Mathematics	Business Economics & Financial Analysis	Operating Systems	Database Management Systems	Software Engineering

DATE:23-04-2024

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SCIENT INSTITUTE OF TECHNOLOGY

B.Tech II Year II Sem II-MID TERM Examinations, AUG-2023

SET-A

SUBJECT: Electrical Machines-2 **BRANCH: EEE**

MARKS: 20 **DURATION: 2 Hours**

Each Question Carries Five Marks **Answer any FOUR questions from the following:**

SL.NO	QUESTIONS	BLOOM TAXONOMY
1	Derive the expression for pitch factor(Kp) and distribution factor(Kd) ?	L2
2	Determine slot distribution and pole phase group sequence for 4.5 slot, 6-pole three phase armature winding ?	L2
3	What is synchronization and explain synchronizing power ?	L2
4	What are the conditions for parallel operation of alternators ?	L3
5	Draw and explain equivalent circuit of 1-phase IM based two-revolving field theory ?	L3
6	Applications of a) split phase IM? b) capacitor start motor c) capacitor start capacitor run IM d) shaded pole motor	L1

Question Paper set by :Mr.R SUNIL KUMAR

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SCIENT INSTITUTE OF TECHNOLOGY

B.Tech II Year II Sem II-MID TERM Examinations, AUG-2023

SET-B

SUBJECT: Electrical Machines-2 **BRANCH: EEE**

MARKS: 20 **DURATION: 2 Hours**

Each Question Carries Five Marks **Answer any FOUR questions from the following:**

SL.NO	QUESTIONS	BLOOM TAXONOMY
1	Derive the expression for induced EMF in an alternator in terms of terminal voltage power factor and armature parameters from phasor diagram ?	L1
2	Explain direct axis (Xd) and quadrature axis (Xq) of syn. Machines with neat phasor diagrams ?	L3
3	Explain phasor diagram of synchronous motor ?	L2
4	Derive the phasor diagram of a salient pole syn motor with a neat sketch?	L3
5	Write the methods of 1-phase IM ?And applications of 1-phase IM ?	L2
6	Draw the equivalent circuit of 1-phase IM by suitable tests ?	L3

Question Paper set by :Mr. R SUNIL KUMAR

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B.Tech II Year II Sem II-MID TERM Examinations, AUG-2023

SET-C

SUBJECT: Electrical Machines-2 | **BRANCH: EEE**

MARKS: 20 | **DURATION: 2 Hours**

Each Question Carries Five Marks | **Answer any FOUR questions from the following:**

SL.NO	QUESTIONS	BLOOM TAXONOMY
1	Explain neat diagrams, the various tests to be conducted on alternator to be obtain its synchronous reactance ?	L3
2	A 3-phase , 16-pole star connected alternator has 144 slots on the armature. Each slot contains 10 conductors. It is driven at 375 RPM.The line value of emf available across the terminal is observed to be 2.657 kv.Find the freq. of induced emf and flux per pole ?	L1
3	What happens when the excitation of dc machine is changed ? Is the effect same in synchronous motor ?	L3
4	Explain about hunting? And write the methods of reduction of hunting ?	L4
5	Explain and working principal of 1-phase a) AC series motor ? b) shaded pole motor ?	L2
6	What are the applications of a) 3-phase , 1-phase Induction motors b) syn. Motors c) Advantages and disadvantages of IM and syn.machines?	L2

Question Paper set by :Mr. R SUNIL KUMAR

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B.Tech II Year II Sem II Mid-Term Examinations, AUG-2023
ELECTRICAL MACHINES-2 -[EEE] SET -A
Objective Exam

Name: Roll No:

Multiple Choice Questions: 10*1/2=05 M

1. The dark and bright lamp method is used for.. [ ]
   (A) phase sequence (B) balancing of load
   (C) synchronizing (D) transfer of load
2. The speed of a salient pole machine is nearly.. [ ]
   (A) 500 r.p.m. (B) 1000 r.p.m. (C) 1500 r.p.m. (D) 2500 r.p.m
3. An alternator coupled to which prime mover will usually have the highest rotating speed? [ ]
   (A) steam turbine (B) francis turbine
   (C) reciprocating diesel engine (D) none
4. In an alternator, armature reaction is considered equivalent to [ ]
   (A) fictitious resistance (B) fictitious reactance
   (C) fictitious conductance (D) fictitious impedance
5. Harmonic component of generated e.m.f. will be more in [ ]
   (A) long pitch coil
   (B) short pitch coil
   (C) full pitch coil
   (D) none of above coils
6. When the speed of an alternator increases [ ]
   (A) the frequency changes (B) the frequency remains same
   (C) the frequency increases (D) the frequency decrease
7. Generated e.m.f. for same field current and double speed will be [ ]
   (A) double (B) same (C) less than double (D) more than double

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8. Salient pole rotors are used where [ ]

(A) low and medium speed prime movers are available

(B) high speed prime movers are available

(C) floor space is available in plenty

(D) high frequency current is required

9. In an alternator zero power factor method is used to find the..... [ ]

(A) armature resistance (B) voltage regulation

(C) synchronous impedance (D) efficiency

10. An infinite bus bar has [ ]

(A) infinite frequency and infinite voltage
(B) constant frequency and constant voltage
(C) variable frequency and variable voltage
(D) constant frequency and variable voltage

II. Fill up the Blanks:

(10X0.5 = 5 Marks)

1. The rotor preferred for alternators applied to hydraulic turbines are .....
2. In modern alternators, the rotating part is.. .....
3. In a salient pole synchronous machine, the air gap is .....
4. The advantage of short-pitch winding is the distorting harmonic can be .....
5. Chording angle α =40deg, then the pitch factor K_p = ...
6. Coil span is 144drg, then Chording angle α = ...
7. EMF method is .....method
8. The V curves of synchronus motor gives relation between .....
9. Hunting is suppressed by providing .....
10. An underexcited a synchronous generator gives .....current

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B.Tech II Year II Sem II Mid-Term Examinations, AUG-2023

ELECTRICAL MACHINES-2 -[EEE] SET -B

Objective Exam

Name: Roll No: | | | | | | | | | | |

Multiple Choice Questions: 10*1/2=05 M

1. Salient pole rotors are used where [ ]

   (A) low and medium speed prime movers are available

   (B) high speed prime movers are available

   (C) floor space is available in plenty

   (D) high frequency current is required

2. In an alternator zero power factor method is used to find the..... [ ]

   (A) armature resistance (B) voltage regulation

   (C) synchronous impedance (D) efficiency

3. An infinite bus bar has [ ]
   (A) infinite frequency and infinite voltage
   (B) constant frequency and constant voltage
   (C) variable frequency and variable voltage
   (D) constant frequency and variable voltage

4. The dark and bright lamp method is used for.. [ ]

   (A) phase sequence (B) balancing of load

   (C) synchronizing (D) transfer of load

5. The speed of a salient pole machine is nearly.. [ ]

   (A) 500 r.p.m. (B) 1000 r.p.m. (C) 1500 r.p.m. (D) 2500 r.p.m

6. An alternator coupled to which prime mover will usually have the highest rotating speed? [ ]

   (A) steam turbine (B) francis turbine

   (C) reciprocating diesel engine (D) none

7. In an alternator, armature reaction is considered equivalent to [ ]

   (A) fictitious resistance (B) fictitious reactance

   (C) fictitious conductance (D) fictitious impedance

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8. Harmonic component of generated e.m.f. will be more in [ ]
   (A) long pitch coil
   (B) short pitch coil
   (C) full pitch coil
   (D) none of above coils
9. When the speed of an alternator increases [ ]
   (A) the frequency changes (B) the frequency remains same
   (C) the frequency increases (D) the frequency decrease
10. Generated e.m.f. for same field current and double speed will be [ ]
   (A) double (B) same (C) less than double (D) more than double

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

1. The V curves of synchronus motor gives relation between .....
2. Hunting is suppressed by providing .....
3. An underexcited a synchronous generator gives .....current
4. The rotor preferred for alternators applied to hydraulic turbines are .....
5. In modern alternators, the rotating part is.. .....
6. In a salient pole synchronous machine, the air gap is .....
7. The advantage of short-pitch winding is the distorting harmonic can be .....
8. Chording angle α =40deg, then the pitch factor K_p = ...
9. Coil span is 144drg, then Chording angle α = ...
10. EMF method is .....method

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B.Tech II Year II Sem II Mid-Term Examinations, AUG-2023
ELECTRICAL MACHINES-2 -[EEE] SET -C
Objective Exam

Name: Roll No: [ ]

Multiple Choice Questions: **10*1/2=05 M**

1. 1 Harmonic component of generated e.m.f. will be more in [ ]
   (A) long pitch coil
   (B) short pitch coil
   (C) full pitch coil
   (D) none of above coils
2. When the speed of an alternator increases [ ]
   (A) the frequency changes (B) the frequency remains same
   (C) the frequency increases (D) the frequency decrease
3. Generated e.m.f. for same field current and double speed will be [ ]
   (A) double (B) same (C) less than double (D) more than double
4. Salient pole rotors are used where [ ]
   (A) low and medium speed prime movers are available
   (B) high speed prime movers are available
   (C) floor space is available in plenty
   (D) high frequency current is required
5. In an alternator zero power factor method is used to find the...... [ ]
   (A) armature resistance (B) voltage regulation
   (C) synchronous impedance (D) efficiency
6. An infinite bus bar has [ ]
   (A) infinite frequency and infinite voltage
   (B) constant frequency and constant voltage
   (C) variable frequency and variable voltage
   (D) constant frequency and variable voltage
7. The dark and bright lamp method is used for.. [ ]
   (A) phase sequence (B) balancing of load
   (C) synchronizing (D) transfer of load

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8. The speed of a salient pole machine is nearly.. [ ]

(A) 500 r.p.m. (B) 1000 r.p.m. (C) 1500 r.p.m. (D) 2500 r.p.m

9. An alternator coupled to which prime mover will usually have the highest rotating speed? [ ]

(A) steam turbine (B) francis turbine

(C) reciprocating diesel engine (D) none

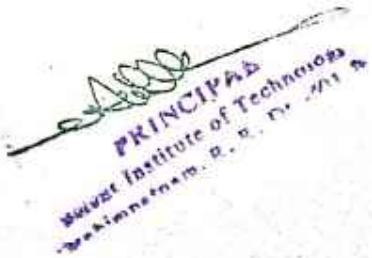
10. In an alternator, armature reaction is considered equivalent to [ ]

(A) fictitious resistance (B) fictitious reactance

(C) fictitious conductance (D) fictitious impedance

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

1. Chording angle α =40deg, then the pitch factor K_p = ...
2. Coil span is 144drg, then Chording angle α = ...
3. EMF method is .....method
4. The V curves of synchronus motor gives relation between .....
5. Hunting is suppressed by providing .....
6. An underexcited a synchronous generator gives .....current
7. The rotor preferred for alternators applied to hydraulic turbines are .....
8. In modern alternators, the rotating part is.. .....
9. In a salient pole synchronous machine, the air gap is .....
10. The advantage of short-pitch winding is the distorting harmonic can be .....



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B.Tech II Year /IISEM, I-MID Examination, MAY-2024

1

SUBJECT: ELECTRONIC CIRCUIT & ANALYSIS BRANCH: ECE MARKS: 20

DURATION: 90 MINUTES DATE: 04 -05-2024

ANSWER ANY FOUR OF THE FOLLOWING (4*5=20 Marks)

S. No	Questions	BloomTaxonomy
1	Draw And Explain Class A Resistive Load Power Amplifier And Derive Efficiency Of it?	L2
2	Define Quality Factor And Derive Quality Factor Of Single Tuned Amplifier?	L2
3	Distinguish class A, B, AB & C power amplifier with their load line analysis?	L3
4	Explain working of Bitable Multivibrator with neat output wave forms?	L2
5	Explain cross over distortion and how to eliminate cross over distortion with help of complementary and symmetry push-pull class AB power amplifier?	L3
6	Briefly explain working of stagger tuned amplifier with frequency response?	L3

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B.Tech II Year /IISEM, I-MID Examination, MAY-2024

2

SUBJECT: ELECTRONIC CIRCUIT & ANALYSIS BRANCH: ECE MARKS: 20

DURATION: 90 MINUTES DATE: 04 -05-2024

ANSWER ANY F O U R OF THE FOLLOWING (4*5=20 Marks)

S. No	Questions	BloomTaxonomy
1	Draw And Explain Class B Complementary And Symmetry Power Amplifier And Derive Efficiency Of it?	L3
2	Define Resonant Frequency And Derive voltage gain Of double Tuned Amplifier with frequency response?	L2
3	Explain working of Bitable Multivibrator with neat output wave forms?	L3
4	Derive quality factor of series inductor and capacitor of tuned circuit?	L2
5	Explain working of class C power amplifier with load line analysis?	L3
6	Define multivibrator and prove that efficiency of class A Transformer coupled amplifier gain is 50%?	L2

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B.Tech II Year /IISEM, I-MID Examination, MAY-2024

3

SUBJECT: ELECTRONIC CIRCUIT & ANALYSIS **BRANCH: ECE MARKS:20**

DURATION: 90 MINUTES **DATE: 04 -05-2024**

ANSWER ANY F O U R OF THE FOLLOWING **(4*5=20 Marks)**

S. No	Questions	Bloom Taxonomy
1	Draw And Explain Class B Push-Pull Power Amplifier And Derive Efficiency Of it?	L3
2	Draw and explain working of stagger tuned amplifier with help of frequency response?	L2
3	Explain working of Bitable Multivibrator with neat output wave forms?	L2
4	Draw and Explain working of class-D power amplifier with their applications?	L2
5	Illustrate effect of cascading of single tuned amplifier on bandwidth?	L2
6	A) Define Cross over distortion in power amplifier? B) Explain working of class C Power amplifier with frequency response?	L2

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B. Tech II Year /IISEM, I-MID Examination, MAY-2024

OBJECTIVE EXAM

SUBJECT: ELECTRONIC CIRCUIT &ANALYSIS **BRANCH: ECE MARKS: 10**

DURATION: 20 MINUTES **DATE: 04 -05-2024**

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

Answer All Questions. All Questions Carry Equal Marks.

1. Large Signal is also called as _____. [ ]
   A) Voltage amplifier B) power amplifier C) current amplifier D) frequency amplifier

2. ___ amplifier delivers highest efficiency [ ]
   A) Class A B) Class B C) Class C D) Class AB

3. The condition for maximum power dissipation in push-pull class B power amplifier V_m _____. [ ]
   A) $V_{cc}/2$ B) V_{cc} C) $V_{cc}/2\pi$ D) $2V_{cc}/\pi$

4. Tuned amplifier uses ____ load [ ]
   A) Resistive B) capacitive C) LC tank circuit D) Diode

5. The voltage gain of tuned amplifier is ___at resonant frequency [ ]
   A) Maximum B) minimum C) zero D) negative

6. The frequency below the resonant, a parallel LC circuit behaves as a ____ [ ]
   A) Capacitive B) Inductive C) Resistive D) Resonance

7. Bi-stable circuit is also known as _____ [ ]
   A) Latch B) Flip-Flop C) Gate D) amplifier

8. _____ is called as square wave generator [ ]
   A) Bi-stable B) Astable C) Monostable D) Schmitt trigger

9. A tuned amplifier is generally operated in _____ amplifier [ ]
   A) Class A B) Class B C) Class C D) Class D

10. The quality factor of tuned circuit is refers to the property of _____ [ ]
    A) Sensitivity B) Fidelity C) Selectivity D) SNR

Cont.....2

II Fill in the Blanks:

11. _____ analysis is used to derive efficiency of power amplifier
12. _____ distortion presented in class B power amplifier
13. The collector current flow in class A power amplifier is _____
14. The resonant frequency of tuned amplifier is _____
15. The quality factor of LC circuit increases, then the bandwidth is _____
16. Quasi stable state is also called as _____
17. The pulse width of capacitor is _____
18. In Bi-stable multivibrator if $I_1 > I_2$, Q_1 is_____ and Q_2 is _____
19. Period of conduction of class B power amplifier is_____
20. Multivibrators are classified as----------types

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B. Tech II Year /IISEM, I-MID Examination, MAY-2024

OBJECTIVE EXAM

SUBJECT: ELECTRONIC CIRCUIT &ANALYSIS **BRANCH: ECE MARKS: 10**

DURATION: 20 MINUTES **DATE: 04 -05-2024**

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

Answer All Questions. All Questions Carry Equal Marks.

1. The condition for maximum power dissipation in push-pull class B power amplifier V_m _____. [ ]
   A) Vcc/2 B) V_{cc} C) $V_{cc}/2\pi$ D) $2V_{cc}/\pi$

2. Tuned amplifier uses ____ load [ ]
   A) Resistive B) capacitive C) LC tank circuit D) Diode

3. The voltage gain of tuned amplifier is ___at resonant frequency [ ]
   A) Maximum B) minimum C) zero D) negative

4. The frequency below the resonant, a parallel LC circuit behaves as a ____ [ ]
   A) Capacitive B) Inductive C) Resistive D) Resonance

5. Bi-stable circuit is also known as _____ [ ]
   A) Latch B) Flip-Flop C) Gate D) amplifier

6. _____ is called as square wave generator [ ]
   A) Bi-stable B) Astable C) Monostable D) Schmitt trigger

7. A tuned amplifier is generally operated in _____ amplifier [ ]
   A) Class A B) Class B C) Class C D) Class D

8. The quality factor of tuned circuit is refers to the property of _____. [ ]
   A) Sensitivity B) Fidelity C) Selectivity D) SNR

9. Large Signal is also called as _____. [ ]
   A) Voltage amplifier B) power amplifier C) current amplifier D) frequency amplifier

10. ___ amplifier delivers highest efficiency [ ]
    A) Class A B) Class B C) Class C D) Class AB

Cont.....2

Fill in the Blanks:

11 The collector current flow in class A power amplifier is _____

12 The resonant frequency of tuned amplifier is _____

13 The quality factor of LC circuit increases, then the bandwidth is _____

14 Quasi stable state is also called as _____

15 The pulse width of capacitor is _____

16 In Bi-stable multivibrator if $I_1 > I_2$, Q_1 is _____ and Q_2 is _____

17 Period of conduction of class B power amplifier is _____

18 Multivibrators are classified as------- types

19 _____ analysis is used to derive efficiency of power amplifier

20 _____ distortion presented in class B power amplifier

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B. Tech II Year /IISEM, I-MID Examination, MAY-2024

OBJECTIVE EXAM

SUBJECT: ELECTRONIC CIRCUIT &ANALYSIS **BRANCH: ECE MARKS: 10**
DURATION: 20 MINUTES **DATE: 04 -05-2024**
Name:_____Hall Ticket No. | | | | | | | | | | |

Answer All Questions. All Questions Carry Equal Marks.

1. The voltage gain of tuned amplifier is ___at resonant frequency [ ]
   A) Maximum B) minimum C) zero D) negative

2. The frequency below the resonant, a parallel LC circuit behaves as a ____ [ ]
   A) Capacitive B) Inductive C) Resistive D) Resonance

3. Bi-stable circuit is also known as _____ [ ]
   A) Latch B) Flip-Flop C) Gate D) amplifier

4. _____ is called as square wave generator [ ]
   A) Bi-stable B) Astable C) Monostable D) Schmitt trigger

5. A tuned amplifier is generally operated in _____ amplifier [ ]
   A) Class A B) Class B C) Class C D) Class D

6. The quality factor of tuned circuit is refers to the property of _____. [ ]
   A) Sensitivity B) Fidelity C) Selectivity D) SNR

7. Large Signal is also called as _____. [ ]
   A) Voltage amplifier B) power amplifier C) current amplifier D) frequency amplifier

8. ___ amplifier delivers highest efficiency [ ]
   A) Class A B) Class B C) Class C D) Class AB

9. The condition for maximum power dissipation in push-pull class B power amplifier V_m _____. [ ]
   A) Vcc/2 B) V_{cc} C) $V_{cc}/2\pi$ D) $2V_{cc}/\pi$

10. Tuned amplifier uses ____ load [ ]
    A) Resistive B) capacitive C) LC tank circuit D) Diode

Cont.....2

Fill in the Blanks:

11 The quality factor of LC circuit increases, then the bandwidth is _____

12 Quasi stable state is also called as _____

13 The pulse width of capacitor is _____

14 In Bi-stable multivibrator if $I_1 > I_2$, Q_1 is_____ and Q_2 is _____

15 Period of conduction of class B power amplifier is_____

16 Multivibrators are classified as----------types

17 _____ analysis is used to derive efficiency of power amplifier

18 _____ distortion presented in class B power amplifier

19 The collector current flow in class A power amplifier is _____

20 The resonant frequency of tuned amplifier is _____

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B. Tech II Year /IISEM, I-MID Examination, MAY-2024

OBJECTIVE EXAM

SUBJECT: ELECTRONIC CIRCUIT &ANALYSIS **BRANCH: ECE MARKS:10**
DURATION: 20 MINUTES **DATE: 04 -05-2024**
Name:_____ Hall Ticket No. | | | | | | | | | | |

Answer All Questions. All Questions Carry Equal Marks.

1. Bi-stable circuit is also known as ____ [ ]
   A) Latch B) Flip-Flop C) Gate D) amplifier
2. _____ is called as square wave generator [ ]
   A) Bi-stable B) Astable C) Monostable D) Schmitt trigger
3. A tuned amplifier is generally operated in ____ amplifier [ ]
   A) Class A B) Class B C) Class C D) Class D
4. The quality factor of tuned circuit is refers to the property of _____. [ ]
   A) Sensitivity B) Fidelity C) Selectivity D) SNR
5. Large Signal is also called as _____. [ ]
   A) Voltage amplifier B) power amplifier C) current amplifier D) frequency amplifier
6. ___ amplifier delivers highest efficiency [ ]
   A) Class A B) Class B C) Class C D) Class AB
7. The condition for maximum power dissipation in push-pull class B power amplifier V_m _____. [ ]
   A) Vcc/2 B) V_{cc} C) $V_{cc}/2\pi$ D) $2V_{cc}/\pi$
8. Tuned amplifier uses ____ load [ ]
   A) Resistive B) capacitive C) LC tank circuit D) Diode
9. The voltage gain of tuned amplifier is ___at resonant frequency [ ]
   A) Maximum B) minimum C) zero D) negative
10. The frequency below the resonant, a parallel LC circuit behaves as a ____ [ ]
    A) Capacitive B) Inductive C) Resistive D) Resonance

Cont.....2

Fill in the Blanks:

11 The pulse width of capacitor is _____

12 In Bi-stable multivibrator if $I_1 > I_2$, Q_1 is_____ and Q_2 is _____

13 Period of conduction of class B power amplifier is_____

14 Multivibrators are classified as-------types

15 _____ analysis is used to derive efficiency of power amplifier

16 _____ distortion presented in class B power amplifier

17 The collector current flow in class A power amplifier is _____

18 The resonant frequency of tuned amplifier is _____

19 The quality factor of LC circuit increases, then the bandwidth is _____

20 Quasi stable state is also called as _____

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B.Tech II Year I SEM I-MID Examination, Nov-Dec-2023

SET- A

A

SUBJECT: COMPUTER ORGANIZATION AND ARCHITECTURE **BRANCH: CSE**

MARKS: 20 **DURATION: 90 min** **DATE: 02-12-2023 (FN)**

Each Question Carries Five Marks **Answer any four questions from the following:**

S.NO	Questions	Bloom Taxonomy
1.	Design a 4-bit combinational circuit decrementer using four full-adder circuits.	L2
2.	Explain the lifecycle of instruction.	L1
3.	Explain Applications of Logical Microoperations	L1
4.	Difference between Hardwired Control Unit and Microprogrammed Control Unit.	L3
5.	Draw a block diagram of a control memory and the associated hardware needed for selecting the next micro instruction address	L1
6.	Convert the following numbers with the indicated bases to decimal: $(12121)_3$, $(4310)_5$, $(50)_7$, $(198)_{12}$, $(101110)_2$	L2

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B.Tech II Year I SEM I-MID Examination, Nov-Dec-2023

SET-B

SUBJECT: COMPUTER ORGANIZATION AND ARCHITECTURE BRANCH: CSE

MARKS: 20 DURATION: 90 min DATE: 02-12-2023 (FN)

Each Question Carries Five Marks Answer any four questions from the following:

S.NO	Questions	Bloom Taxonomy
1.	A) The 8-bit registers AR, BR, CR, and DR initially have the following values: AR = 11110010 BR = 11111111 CR = 10111001 DR = 11101010 Determine the 8-bit values in each register after the execution of the following sequence of microoperations. AR <-AR + BR Add BR to AR CR <- CR ∧DR, BR <- BR + 1 AND DR to CR, increment BR AR <-AR – CR Subtract CR from AR B) An 8-bit register contains the binary value 10011100. What is the register value after an arithmetic shift right? Starting from the initial number 10011 100, determine the register value after an arithmetic shift left, and state whether there is an overflow.	L2
2.	A) Demonstrate the common bus system with multiplexers. B) A digital computer has a common bus system for 16 registers of 32 bits each.The bus is constructed with multiplexers. a. How many selection inputs are there in each multiplexer? b. What size of multiplexers are needed? c. How many multiplexers are there in the bus?	L1,L2
3.	Difference between Computer Organization and Computer Architecture	L3
4.	Explain about microinstruction format with neat sketch	L1
5.	Draw a block diagram of a control memory and the associated hardware needed for selecting the next micro instruction address	L1
6.	A)Convert the hexadecimal number F3A7C2 to binary and octal. B) Perform the subtraction with the following unsigned binary numbers by taking the 2's complement of the subtrahend. a. 11010 – 10000 b. 11010 - 1101	L3

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B.Tech II Year I SEM I-MID Examination, Nov-Dec-2023

SET-C

SUBJECT: COMPUTER ORGANIZATION AND ARCHITECTURE **BRANCH: CSE**

MARKS: 20 **DURATION: 90 min** **DATE: 02-12-2023 (FN)**

Each Question Carries Five Marks **Answer any four questions from the following:**

S.NO	Questions	Bloom Taxonomy
1.	Explain Memory Reference instructions.	L1
2.	What is the difference between a direct and an indirect address instruction? How many references to memory are needed for such type of instruction to bring an operand into a processor register?	L3
3.	Explain Shift Microoperations with examples?	L1
4.	Explain differences between a) Control Memory and Main memory b) Computer Instruction and Micro instruction	L3
5.	Explain Microprogram sequencer for a control memory with a neat sketch	L1
6.	A) Obtain the **9's and 10's complement** of the following eight digit decimal numbers: **i) 12349876** **ii) 00980100** B) Perform the subtraction with the following unsigned decimal numbers by taking the **10's complement of the subtrahend.** **i) 20 - 100** **ii) 1200 - 250**	L2

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Ibrahimpatnam, R.R.Dist - 501 506.

SET-A

SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, R.R Dist 501506

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

II B.Tech. I Sem.CSE, I Mid-Term Examinations, Nov-Dec 2023

COMPUTER ORGANIZATION AND ARCHITECTURE

Objective Exam

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

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

Choose the correct alternative:

1. _____ operation can be used to selectively set bits of a register. [ ]
   A. Exclusive OR(XOR)
   B. AND
   C. OR
   D.NOT
2. In _____ shift there is no loss of information. [ ]
   A. Arithmetic Shift
   B. Circular Shift
   C. Logical Shift
   D. None of the Above
3. The digital circuit that generates the arithmetic sum of two binary numbers of any length is called _____. [ ]
   A. Full Adder
   B. Half Adder
   C. Binary Adder
   D. Both A and B
4. A _____ is a group of flip flops. [ ]
   A. Decode
   B. Multiplexer
   C. Register
   D. None of the Above
5. The Control Data register is also called as _____. [ ]
   A. Sequencer
   B. Pipeline Register
   C. Control Register
   D. None of the Above
6. _____ is an elementary operation performed with the data stored in registers. [ ]
   A. Register Transfer
   B. Arithmetic Operation
   C. Shift operation
   D. Microoperation
7. In three state bus buffer the third state is called _____. [ ]
   A. Logic 0
   B. Logic 1
   C. Hign Impedence
   D. None of the Above
8. The _____ is the group of bits that define the operation. [ ]
   A. Opcode
   B. Instruction Code
   C. ASCII
   D. None of the Above

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9. _____in digital computers used to initiate the sequence of microoperations. [ ]

A. CPU
B. Control Unit
C. ALU
D. Memory

10. In Microprogrammed control unit, the control memory is _____. [ ]

A. Magnetic Disk
B. RAM
C. HARDDISK
D. ROM

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

11. In Microinstruction format _____ are three fields used to specify microoperations for the computer.

12. A sequence of microinstructions constitutes a _____.

13. The transformation from the instruction code bits to an address in control memory where the routine is located is referred to as a _____.

14. The mask operation is an _____ microoperation.

15. A combinational circuit that performs the arithmetic addition of two bits is called a _____.

16. The Timing for all the registers in the basic computer is controlled by _____.

17. The 2's Complement of 11101010 _____.

18. _____ and _____ are flags used by the input and output registers to indicate whether the register is full or empty.

19. In arithmetic _____ shift the given number is multiplied by 2.

20. Mention status bit conditions of CD field in microinstruction. _____.

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SET-B

SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, R.R Dist 501506
(NAAC Accredited, Approved by AICTE & Affiliated to JNTUH)

II B.Tech. I Sem.CSE, I Mid-Term Examinations, Nov-Dec 2023

COMPUTER ORGANIZATION AND ARCHITECTURE

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. _____ operation can be used to selectively set bits of a register. [ ]
   A. Exclusive OR(XOR) C. OR
   B. AND D. NOT
2. The digital circuit that generates the arithmetic sum of two binary numbers of any length is called _____. [ ]
   A. Full Adder C. Binary Adder
   B. Half Adder D. Both A and B
3. The Control Data register is also called as _____. [ ]
   A. Sequencer C. Control Register
   B. Pipeline Register D. None of the Above
4. In three state bus buffer the third state is called _____. [ ]
   A. Logic 0 C. Hign Impedence
   B. Logic 1 D. None of the Above
5. _____in digital computers used to initiate the sequence of microoperations. [ ]
   A. CPU C. ALU
   B. Control Unit D. Memory
6. In _____ shift there is no loss of information. [ ]
   A. Arithmetic Shift C. Logical Shift
   B. Circular Shift D. None of the Above
7. A _____ is a group of flip flops. [ ]
   A. Decode C. Register
   B. Multiplexer D. None of the Above
8. _____ is an elementary operation performed with the data stored in registers. [ ]
   A. Register Transfer C. Shift operation

9. _____in digital computers used to initiate the sequence of microoperations. [ ]

A. CPU
B. Control Unit
C. ALU
D. Memory

10. In Microprogrammed control unit, the control memory is _____. [ ]

A. Magnetic Disk
B. RAM
C. HARDDISK
D. ROM

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

11. In Microinstruction format _____ are three fields used to specify microoperations for the computer.

12. A sequence of microinstructions constitutes a _____.

13. The transformation from the instruction code bits to an address in control memory where the routine is located is referred to as a _____.

14. The mask operation is an _____ microoperation.

15. A combinational circuit that performs the arithmetic addition of two bits is called a _____.

16. The Timing for all the registers in the basic computer is controlled by _____.

17. The 2's Complement of 11101010 _____.

18. _____ and _____ are flags used by the input and output registers to indicate whether the register is full or empty.

19. In arithmetic _____ shift the given number is multiplied by 2.

20. Mention status bit conditions of CD field in microinstruction.

_____

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SCIENT INSTITUTE OF TECHNOLOGY

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SET-C

II B.Tech. I Sem.CSE, I Mid-Term Examinations, Nov-Dec 2023

COMPUTER ORGANIZATION AND ARCHITECTURE

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. _____ is an elementary operation performed with the data stored in registers. [ ]
   A. Register Transfer
   B. Arithmetic Operation
   C. Shift operation
   D. Microoperation
2. In three state bus buffer the third state is called _____. [ ]
   A. Logic 0
   B. Logic 1
   C. Hign Impedence
   D. None of the Above
3. The _____ is the group of bits that define the operation. [ ]
   A. Opcode
   B. Instrcution Code
   C. ASCII
   D. None of the Above
4. _____in digital computers used to initiate the sequence of microoperations. [ ]
   A. CPU
   B. Control Unit
   C. ALU
   D. Memory
5. In Microprogrammed control unit, the control memory is _____. [ ]
   A. Magnetic Disk
   B. RAM
   C. HARDDISK
   D. ROM
6. _____ operation can be used to selectively set bits of a register. [ ]
   A. Exclusive OR(XOR)
   B. AND
   C. OR
   D.NOT
7. In _____ shift there is no loss of information. [ ]
   A. Arithmetic Shift
   B. Circular Shift
   C. Logical Shift
   D. None of the Above

8. The digital circuit that generates the arithmetic sum of two binary numbers of any length is called _____. [ ]

A. Half Adder
B. Binary Adder
C. Both A and B
D. Full Adder

9. A _____ is a group of flip flops. [ ]

A. Decode
B. Multiplexer
C. Register
D. None of the Above

10. The Control Data register is also called as _____. [ ]

A. Sequencer
B. Pipeline Register
C. Control Register
D. None of the Above

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

11. The Timing for all the registers in the basic computer is controlled by _____.

12. The 2's Complement of 11101010 _____.

13. _____ and _____ are flags used by the input and output registers to indicate whether the register is full or empty.

14. In arithmetic _____ shift the given number is multiplied by 2.

15. Mention status bit conditions of CD field in microinstruction. _____.

16. In Microinstruction format _____ are three fields used to specify microoperations for the computer.

17. A sequence of microinstructions constitutes a _____.

18. The transformation from the instruction code bits to an address in control memory where the routine is located is referred to as a _____.

19. The mask operation is an _____ microoperation.

20. A combinational circuit that performs the arithmetic addition of two bits is called a _____.

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SET-D

II B.Tech. I Sem.CSE, I Mid-Term Examinations, Nov-Dec 2023

COMPUTER ORGANIZATION AND ARCHITECTURE

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. In _____ shift there is no loss of information. [ ]
   A. Arithmetic Shift
   B. Circular Shift
   C. Logical Shift
   D. None of the Above
2. A _____ is a group of flip flops. [ ]
   A. Decode
   B. Multiplexer
   C. Register
   D. None of the Above
3. _____ is an elementary operation performed with the data stored in registers. [ ]
   A. Register Transfer
   B. Arithmetic Operation
   C. Shift operation
   D. Microoperation
4. The _____ is the group of bits that define the operation. [ ]
   A. Opcode
   B. Instrcution Code
   C. ASCII
   D. None of the Above
5. In Microprogrammed control unit, the control memory is _____. [ ]
   A. Magnetic Disk
   B. RAM
   C. HARDDISK
   D. ROM
6. _____ operation can be used to selectively set bits of a register. [ ]
   A. Exclusive OR(XOR)
   B. AND
   C. OR
   D.NOT
7. The digital circuit that generates the arithmetic sum of two binary numbers of any length is called _____. [ ]
   A. Full Adder
   C. Binary Adder

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8. The Control Data register is also called as _____. [ ]

A. Sequencer
B. Pipeline Register
C. Control Register
D. None of the Above

9. In three state bus buffer the third state is called _____. [ ]

A. Logic 0
B. Logic 1
C. Hign Impedence
D. None of the Above

10._____in digital computers used to initiate the sequence of microoperations. [ ]

A. CPU
B. Control Unit
C. ALU
D. Memory

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

11.The mask operation is an _____ microoperation.

12.A combinational circuit that performs the arithmetic addition of two bits is called a _____.

13.The Timing for all the registers in the basic computer is controlled by _____.

14.The 2's Complement of 11101010 _____.

15._____ and _____ are flags used by the input and output registers to indicate whether the register is full or empty.

16. In arithmetic _____ shift the given number is multiplied by 2.

17.Mention status bit conditions of CD field in microinstruction. _____.

18.In Microinstruction format _____ are three fields used to specify microoperations for the computer.

19.A sequence of microinstructions constitutes a _____.

20.The transformation from the instruction code bits to an address in control memory where the routine is located is referred to as a _____

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SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, R.R Dist 501506

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

Subject: 22MBA16–Production &Operations Management (CORE)

MBA II YEAR I SEMESTER I MID EXAM

DURATION: 2HOURS

Dt: 20-11-2023 (FN)

MAX.MARKS:30

PART-A

ANSWER THE FOLLOWING. 5x2M=10Marks

S.No.	Question.	BT Level	Course Outcome
1	Define operations management.	L1	C121.5
2	Write about production?	L1	C121.5
3	Explain New Product Development.	L1	C121.4
4	What is value engineering?	L1	C121.4
5	What is meant by Plant Location?	L1	C121.3

PART-B

ANSWER ANY FOUR FROM THE FOLLOWING. ALL QUESTIONS CARRY EQUAL MARKS. 4X5M=20Marks

S.No.	Question.	BT Level	Course Outcome
1.	Discuss the evolution of production function.	L2	C121.5
2.	Explain different Generic Competitive Strategies in production with suitable examples.	L1	C121.5
3.	Define Batch Manufacturing. What are the advantages and disadvantages of Batch Manufacturing?	L1	C121.4
4.	What are the various steps involved in Product Design?	L2	C121.4
5.	Distinguish between value analysis and value engineering.	L1	C121.3
6.	Enumerate and explain the major factors governing plant location.	L2	C121.3

*****ALL THE BEST*****

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Ibrahimpatnam, R.R Dist 501506

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

Subject: 22 MBA17–Management Information Systems (CORE)
MBA II YEARISEMESTERIMIDEXAM

Dt: 20-11-2023(AN)

DURATION: 2 HOURS

MAX.MARKS:30

PART-A

ANSWER THE FOLLOWING. 5x2M=10Marks

S.No.	Question.	BT Level	Course Outcome
1	What is information?	L1	C121.5
2	Write a short note about management information system(MIS).	L1	C121.5
3	What is ERP?	L1	C121.4
4	Define decision support systems (DSS)?	L1	C121.4
5	Describe the activities associated with is planning	L1	C121.3

PART-B

ANSWER ANY FOUR FROM THE FOLLOWING. ALL QUESTIONS CARRY EQUAL MARKS. 4X5M=20Marks

S.No.	Question.	BT Level	Course Outcome
1.	Briefly Explain the types of Information Systems.	L1	C121.5
2.	What are the key management challenges involved in building, Operating ,monitoring information system today.	L2	C121.5
3.	Explain briefly about strategic information system for competitive advantages.	L2	C121.4
4.	Explain Briefly about functional business system.	L2	C121.4
5.	What is supply chain management? State the goals of SCM.	L2	C121.3
6.	Define the term Information system planning. State the methodology of Information System Planning	L2	C121.3

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*****ALL THE BEST*****

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Ibrahimpatnam, R.R Dist 501506

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CLASS: MBA I YEAR /I SEM–R22 II-MID Examination (Descriptive) DATE:01-02-2024(FN)

SUBJECT: Management & Organization Behavior

BRANCH: MBA MARKS: 30 DURATION: 2:00Hour

Note: This Question paper contains two parts A& B.

Part A is compulsory which carries 10 Marks. Answer all questions in Part-A.

Section-A

Question No.1 in section A is compulsory and it carries 10 marks. **(5x2=10Marks)**

A. Define Organizational Structure.

B. Define Authority.

C. Define Personality.

D. What is Leadership?

E. Define trait.

Section-B

Answer any four questions. **(4 x5= 20Marks)**

1. Discuss how group in organizations are classified.
2. Briefly discuss about various personality theories.
3. Explain different types of leadership styles.
4. Explain about Herzberg's two factor theory of motivation.
5. What are the Contemporary Organizational Design?
6. Define controlling? Explain the nature & objectives of controlling.

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SCIENT INSTITUTE OF TECHNOLOGY

CLASS: MBA I YEAR / ISEM–R22 II-MID Examination(Descriptive) DATE:01-02-2024(A.N)

Ibrahimpatnam, R.R Dist 501506

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

SUBJECT: Business Economics

BRANCH: MBA

MARKS:30 DURATION:2:00Hour

Note: This Question paper contains two parts A&B.

Part A is compulsory which carries 10 Marks. Answer all questions in Part-A.

Section-A

Question No.1 in section A is compulsory and it carries 10 marks. (5x2=10Marks)

F. Define priced is crimination.

G. Define transfer pricing.

H. Define oligopoly.

I. Distinguish between short-run and long-run cost.

J. What is the importance of cost concepts?

Section-B

Answer any four questions. (4x5=20 Marks)

1. Analyze the cost-out put relationship in the short-run.
2. What are the applications of breakeven analysis?
3. Explain the price-output determination in Monopolistic Competition.
4. Explain briefly about kinked demand curve and its significance.
5. Explain briefly about Behavior Theories of firm.
6. Explain the concept of cost plus pricing.

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*****ALL THE BEST*****

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD-500085

SCIENT INSTITUTE OF TECHNOLOGY(C0)

B.Tech - R18 - IV Year - I Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2023-12-20 12.03.44

HTNO	15703	15707	15731	157BK	157BT	157BY	157ET
20C01A0207	22	80	21	18	20	19	16
20C01A0209	20	80	21	22	20	19	20
20C01A0210	20	81	21	19	19	20	15
20C01A0211	20	93	22	20	19	18	18
20C01A0212	21	84	21	22	21	19	17
20C01A0214	20	93	22	20	21	21	22
20C01A0215	20	90	21	22	22	21	21
20C01A0216	22	93	22	21	22	21	22
20C01A0220	20	85	20	19	21	19	19
20C01A0224	20	80	20	20	18	19	16
20C01A0225	25	94	24	25	25	24	23
20C01A0226	20	80	20	20	22	20	21
20C01A0227	20	88	20	22	23	20	18
20C01A0228	21	85	20	20	20	21	19
20C01A0231	20	88	20	20	19	20	22
20C01A0232	20	90	20	20	21	22	21
20C01A0234	25	94	24	24	23	21	24
20C01A0236	20	88	20	22	22	21	24
20C01A0237	23	94	24	22	20	21	22
20C01A0239	22	92	22	23	21	22	23
20C01A0240	25	93	22	25	23	20	23
20C01A0243	21	91	21	22	23	21	23
20C01A0244	22	92	22	21	20	21	20
20C05A0235	18	80	19	20	21	18	20
20C05A0238	18	78	19	20	18	18	18
20C05A0241	18	79	19	19	17	18	19
21C05A0201	21	89	20	22	22	21	23
21C05A0203	25	94	24	25	23	22	24
21C05A0204	25	94	24	25	24	23	22
21C05A0205	25	90	23	21	21	21	18
21C05A0206	25	94	24	24	22	22	21
21C05A0208	20	78	20	17	19	20	23

HTNO	15703	15707	15731	157BK	157BT	157BY	157ET
21C05A0209	25	93	23	24	23	23	23
21C05A0211	22	93	24	22	22	23	23
21C05A0213	20	90	21	22	22	21	23
21C05A0214	25	93	23	24	22	24	22
21C05A0215	22	93	23	21	20	22	22
21C05A0216	19	78	20	20	22	22	19
Total:38	817	3344	816	815	803	788	789

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

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

PRINCIPAL
Signature Of Principal with Date & Office seal

Science Institute of Technology Ibrahimpatnam R. R. Dt. 501 506

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD-500085

SCIENT INSTITUTE OF TECHNOLOGY(C0)

B.Tech - R18 - IV Year - II Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2024-05-31 13.41.34

HTNO	15802	158AV	158CD	158DW
20C01A0207	21	21	20	18
20C01A0209	21	20	23	16
20C01A0210	20	20	18	17
20C01A0211	23	20	24	16
20C01A0212	21	19	20	17
20C01A0214	23	23	24	18
20C01A0215	22	21	24	17
20C01A0216	23	21	25	16
20C01A0220	21	18	19	17
20C01A0224	20	21	23	17
20C01A0225	24	24	25	21
20C01A0226	21	22	22	17
20C01A0227	22	22	23	21
20C01A0228	21	20	23	20
20C01A0231	22	21	21	16
20C01A0232	20	20	18	15
20C01A0234	24	23	24	19
20C01A0236	20	20	24	16
20C01A0237	24	22	24	18
20C01A0239	23	21	25	19
20C01A0240	23	24	25	20
20C01A0243	21	22	25	19
20C01A0244	22	22	23	17
20C05A0235	19	19	22	19
20C05A0238	19	18	22	19
20C05A0241	19	19	23	20
21C05A0201	21	22	25	19
21C05A0203	24	23	25	18
21C05A0204	24	24	25	18
21C05A0205	23	21	24	16
21C05A0206	24	24	25	19
21C05A0208	22	20	20	17

HTNO	15802	158AV	158CD	158DW
21C05A0209	24	23	25	18
21C05A0211	23	22	24	16
21C05A0213	22	23	22	18
21C05A0214	24	24	25	17
21C05A0215	23	23	23	16
21C05A0216	20	22	23	15
Total:38	833	814	875	672

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

Subject Code	Subject Name
158AV	ELECTRICAL DISTRIBUTION SYSTEMS
158DW	TOTAL QUALITY MANAGEMENT
15802	PROJECT STAGE II
158CD	POWER QUALITY AND FACTS

Signature Of Principal with Date & Office seal

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, HYDERABAD-500085

SCIENT INSTITUTE OF TECHNOLOGY(C0)

University External Exam Final Award List

R18- IV Year B.Tech II Semester Regular

ELECTRICAL AND ELECTRONICS ENGINEERING,SECTION-A

PROJECT STAGE II (15802)

Maxmimum Marks: 75 Date: 2024-05-31 13.48.28

S.No	HTNO	MARKS AWARDED
1	20C01A0207	64
2	20C01A0209	64
3	20C01A0210	64
4	20C01A0211	71
5	20C01A0212	64
6	20C01A0214	65
7	20C01A0215	68
8	20C01A0216	73
9	20C01A0220	68
10	20C01A0224	58
11	20C01A0225	70
12	20C01A0226	62
13	20C01A0227	68
14	20C01A0228	68
15	20C01A0231	71
16	20C01A0232	64
17	20C01A0234	70
18	20C01A0236	65
19	20C01A0237	72
20	20C01A0239	73
21	20C01A0240	73
22	20C01A0243	68
23	20C01A0244	72
24	20C05A0235	65
25	20C05A0238	60
26	20C05A0241	60
27	21C05A0201	62
28	21C05A0203	74
29	21C05A0204	74
30	21C05A0205	64

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33	21C05A0209	74
34	21C05A0211	68
35	21C05A0213	65
36	21C05A0214	74
37	21C05A0215	68
38	21C05A0216	58

Signature of External Examiner

PROFESSOR
Department of Electrical Engineering
University College of Engineering (A)
Osmania University,
Hyderabad - 500 007

Signature of Internal Examiner

31/5/24

Signature of The Principal With Date & Office Seal

Ibrahimpatnam. Scient Institute of Technology R. R. Dt. 501 506

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

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD-500085

SCIENT INSTITUTE OF TECHNOLOGY(C0)

B.Tech - R22 - II Year - II Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2024-07-23 15.56.42

HTNO	18410	18411	18422	18434	18439	184AR	184AW	184BT	184CC	184CH
21C01A0219	-1	-1	14	-1	0	10	10	4	4	3
22C01A0201	31	35	30	80	42	29	22	21	23	21
22C01A0202	33	38	34	88	45	31	28	32	29	32
22C01A0203	32	25	28	79	42	26	24	23	28	25
22C01A0204	36	38	35	88	46	29	33	29	34	29
22C01A0206	29	23	33	85	46	28	25	28	30	28
22C01A0209	35	39	38	92	48	32	36	28	33	33
22C01A0210	31	25	27	75	43	28	24	27	22	22
22C01A0211	31	35	27	88	41	27	30	30	30	30
22C01A0212	34	37	36	90	46	29	36	33	31	34
22C01A0213	31	34	34	89	45	27	29	32	32	36
22C01A0214	34	38	37	92	47	29	28	35	34	33
22C01A0215	33	35	35	89	45	30	23	32	32	32
22C01A0216	30	30	33	85	38	17	19	19	13	16
22C01A0217	32	38	36	91	45	26	25	33	28	31
22C01A0220	34	36	33	89	44	30	24	34	31	35
22C01A0221	29	36	31	88	42	23	30	28	24	21
22C01A0224	33	30	36	79	46	27	29	33	32	26
22C01A0225	26	31	32	85	46	29	31	34	33	35
22C01A0226	33	39	37	92	47	33	37	36	35	38
22C01A0227	31	36	35	92	46	28	25	33	31	36
22C01A0229	32	37	36	91	46	26	28	29	32	29
22C01A0230	38	40	37	92	43	22	25	24	25	25
22C01A0231	35	39	38	92	48	27	35	38	36	35
23C05A0201	39	40	39	93	49	38	39	39	40	40
23C05A0202	34	38	37	92	48	32	30	37	35	35
23C05A0203	28	30	27	89	41	24	29	27	18	7
23C05A0204	35	40	37	92	47	34	39	39	35	37
23C05A0205	32	32	33	89	44	23	29	29	31	24
23C05A0206	33	38	35	90	45	29	31	30	33	32
23C05A0207	34	39	36	90	45	31	34	23	33	22

HTNO	18410	18411	18422	18434	18439	184AR	184AW	184BT	184CC	184CH
Total:31	978	1051	1036	2646	1346	854	887	919	907	882

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

Subject Code	Subject Name
18410	DIGITAL ELECTRONICS LABORATORY
18422	MEASUREMENTS AND INSTRUMENTATION LABORATORY
18411	ELECTRICAL MACHINES LABORATORY-II
184CC	POWER SYSTEM-II
184AR	DIGITAL ELECTRONICS
18434	CONSTITUTION OF INDIA
184BT	MEASUREMENTS AND INSTRUMENTATION
184CH	SOLID MECHANICS & HYDRAULIC MACHINES
18439	REAL-TIME RESEARCH PROJECT/ FIELD-BASED PROJECT
184AW	ELECTRICAL MACHINES–II

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ELECTRICAL AND ELECTRONICS ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2024-02-07 13.18.12

HTNO	18302	18311	18312	18339	183AB	183AT	183AU	183BR	183BX
21C01A0219	27	39	35	85	29	29	30	28	33
22C01A0201	27	38	33	82	21	27	19	26	29
22C01A0202	26	32	33	86	31	23	23	20	27
22C01A0203	29	36	31	82	25	25	24	24	30
22C01A0204	26	37	33	88	29	22	26	26	28
22C01A0206	27	36	35	77	26	22	28	25	28
22C01A0209	22	38	31	88	35	26	35	36	32
22C01A0210	19	37	30	82	22	22	24	27	29
22C01A0211	26	36	29	84	24	24	24	26	32
22C01A0212	29	38	33	90	33	26	33	30	34
22C01A0213	34	34	34	82	27	24	29	29	28
22C01A0214	26	39	35	89	33	30	31	32	33
22C01A0215	26	36	33	84	28	24	30	24	34
22C01A0216	34	36	34	88	31	24	31	30	26
22C01A0217	17	38	34	88	25	25	27	22	25
22C01A0220	28	35	31	86	30	22	31	23	25
22C01A0221	28	36	32	85	25	26	27	22	28
22C01A0224	28	37	30	78	22	26	27	20	30
22C01A0225	34	34	31	82	28	27	32	31	29
22C01A0226	27	35	32	82	34	26	34	32	30
22C01A0227	29	37	33	88	27	26	27	28	31
22C01A0229	26	35	35	82	27	30	28	26	31
22C01A0230	30	39	35	86	37	36	36	40	35
22C01A0231	29	38	37	88	34	32	32	27	33
23C05A0201	39	39	36	89	37	40	38	40	40
23C05A0202	32	38	37	85	34	33	25	28	34
23C05A0203	32	37	34	84	27	23	28	19	26
23C05A0204	38	38	36	82	39	33	33	35	35
23C05A0205	34	33	29	77	27	25	28	24	28
23C05A0206	30	33	32	88	28	26	27	28	28
23C05A0207	27	36	37	85	25	21	27	24	26

97

HTNO	18302	18311	18312	18339	183AB	183AT	183AU	183BR	183BX
Total:31	886	1130	1030	2622	900	825	894	852	937

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

Subject Code	Subject Name
183BR	NUMERICAL METHODS AND COMPLEX VARIABLES
18311	ELECTRICAL MACHINES LABORATORY-I
183AB	ANALOG ELECTRONIC CIRCUITS
18312	ELECTRICAL SIMULATION TOOLS LABORATORY
18302	ANALOG ELECTRONIC CIRCUITS LABORATORY
183AT	ELECTRICAL MACHINES-I
183AU	ELECTRO MAGNETIC FIELDS
183BX	POWER SYSTEM-I
18339	GENDER SENSITIZATION LABORATORY

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B.Tech - R22 - II Year - I Semester

ELECTRICAL AND ELECTRONICS ENGINEERING

University PPT Internal Marks Report-Date- 2024-02-07 16.19.20

HTNO	183AB	183AT	183AU	183BR	183BX
21C01A0219	5	5	5	5	5
22C01A0201	4	5	5	5	5
22C01A0202	5	5	5	5	5
22C01A0203	5	5	5	5	5
22C01A0204	5	5	5	5	5
22C01A0206	5	5	5	5	5
22C01A0209	5	5	5	5	5
22C01A0210	5	5	5	5	5
22C01A0211	5	5	5	5	5
22C01A0212	5	5	5	5	5
22C01A0213	5	5	5	5	5
22C01A0214	5	5	5	5	5
22C01A0215	5	5	5	5	5
22C01A0216	5	5	5	5	5
22C01A0217	5	5	5	5	5
22C01A0220	5	5	5	5	5
22C01A0221	5	5	5	5	5
22C01A0224	5	5	5	5	5
22C01A0225	5	5	5	5	5
22C01A0226	5	5	5	5	5
22C01A0227	5	5	5	5	5
22C01A0229	5	5	5	5	5
22C01A0230	5	5	5	5	5
22C01A0231	5	5	5	5	5
23C05A0201	5	5	5	5	5
23C05A0202	5	5	5	5	5
23C05A0203	5	5	5	5	5
23C05A0204	5	5	5	5	5
23C05A0205	5	5	5	5	5
23C05A0206	5	5	5	5	5
23C05A0207	5	5	5	5	5

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

Subject Code	Subject Name
183BR	NUMERICAL METHODS AND COMPLEX VARIABLES
183AB	ANALOG ELECTRONIC CIRCUITS
183AT	ELECTRICAL MACHINES-I
183AU	ELECTRO MAGNETIC FIELDS
183BX	POWER SYSTEM-I

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B.Tech - R22 - II Year - I Semester

ELECTRONICS AND COMMUNICATION ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2024-02-07 17.29.07

HTNO	18301	18305	18310	18338	183AA	183AQ	183BQ	183BR	183CC
21C01A0457	-1	-1	21	90	23	19	21	22	22
22C01A0403	25	19	21	85	20	22	20	19	23
22C01A0405	26	30	30	92	33	37	31	35	33
22C01A0406	39	39	40	100	40	40	36	40	40
22C01A0407	26	39	38	98	37	39	31	37	34
22C01A0408	27	39	40	98	32	39	29	36	30
22C01A0409	26	39	40	98	33	39	28	37	34
22C01A0411	31	39	38	95	31	39	31	33	29
22C01A0413	25	27	27	95	25	28	26	21	28
22C01A0414	32	30	38	98	25	27	27	23	28
22C01A0415	27	31	30	95	28	24	24	15	25
22C01A0418	18	19	20	95	26	18	26	24	26
22C01A0419	20	20	28	90	24	30	25	21	21
22C01A0421	28	25	25	90	28	32	30	24	25
22C01A0423	34	39	30	85	32	37	26	32	29
22C01A0424	27	25	24	90	22	28	23	26	24
22C01A0426	25	19	30	92	25	25	33	31	26
22C01A0427	19	19	23	94	24	17	20	19	24
22C01A0428	25	19	30	92	19	25	25	22	21
22C01A0429	25	20	30	94	26	28	20	23	27
22C01A0433	28	29	28	96	30	35	27	24	29
22C01A0436	27	36	38	98	37	39	36	39	36
22C01A0439	35	29	38	98	34	37	35	36	26
22C01A0440	32	19	28	98	28	37	24	25	27
22C01A0441	33	38	36	90	30	33	24	34	33
22C01A0442	25	28	28	90	26	24	22	21	24
22C01A0444	39	39	40	98	37	37	36	39	39
22C01A0445	26	20	20	98	30	32	30	36	30
22C01A0446	26	26	36	98	32	36	24	33	32
22C01A0447	28	38	36	98	35	37	30	37	30
22C01A0448	26	22	34	98	27	34	27	35	30
22C01A0449	39	39	40	100	40	40	38	40	40

HTNO	18301	18305	18310	18338	183AA	183AQ	183BQ	183BR	183CC
22C01A0450	32	39	40	97	36	35	32	37	27
22C01A0451	28	34	34	98	29	29	24	35	28
22C01A0452	26	37	36	98	34	37	29	35	28
22C01A0454	30	39	36	98	34	34	26	38	36
22C01A0455	32	35	30	98	30	32	25	32	30
22C01A0456	35	39	40	98	37	40	34	40	40
22C01A0457	20	30	22	98	28	33	26	32	30
22C01A0458	32	39	36	90	32	37	28	37	34
22C01A0460	27	24	30	95	29	30	23	30	29
22C01A0461	25	29	28	90	26	23	24	27	27
22C05A0401	-1	-1	21	92	20	16	21	20	21
22C05A0404	20	24	23	95	25	25	25	23	24
23C05A0401	25	31	24	95	32	29	29	32	32
23C05A0402	27	39	38	95	31	35	28	33	31
23C05A0403	26	29	30	96	26	32	24	23	26
23C05A0404	26	29	30	98	27	27	21	22	32
23C05A0405	20	38	34	99	29	26	22	20	29
23C05A0406	28	32	30	98	29	33	26	28	30
23C05A0407	32	35	30	98	38	33	28	36	34
23C05A0408	32	38	40	98	33	35	27	37	31
23C05A0409	28	35	34	98	28	28	24	32	27
Total:53	1420	1575	1671	5048	1572	1663	1431	1588	1551

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

Subject Code	Subject Name
183AQ	DIGITAL LOGIC DESIGN
183CC	SIGNALS AND SYSTEMS
183AA	ANALOG CIRCUITS
183BR	NUMERICAL METHODS AND COMPLEX VARIABLES
18301	ANALOG CIRCUITS LABORATORY
183BQ	NETWORK ANALYSIS AND SYNTHESIS
18310	DIGITAL LOGIC DESIGN LABORATORY
18305	BASIC SIMULATION LABORATORY
18338	CONSTITUTION OF INDIA

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B.Tech - R22 - II Year - I Semester

ELECTRONICS AND COMMUNICATION ENGINEERING

University PPT Internal Marks Report-Date- 2024-02-07 16.18.36

HTNO	183AA	183AQ	183BQ	183BR	183CC
21C01A0457	5	5	5	5	5
22C01A0403	5	5	5	5	5
22C01A0405	5	5	5	5	5
22C01A0406	5	5	5	5	5
22C01A0407	5	5	5	5	5
22C01A0408	5	5	5	5	5
22C01A0409	5	5	5	5	5
22C01A0411	5	5	5	5	5
22C01A0413	5	5	5	5	5
22C01A0414	5	5	5	5	5
22C01A0415	5	5	5	5	5
22C01A0418	5	5	5	5	5
22C01A0419	5	5	5	5	5
22C01A0421	5	5	5	5	5
22C01A0423	5	5	5	5	5
22C01A0424	5	5	5	5	5
22C01A0426	5	5	5	5	5
22C01A0427	5	5	5	5	5
22C01A0428	5	5	5	5	5
22C01A0429	5	5	5	5	5
22C01A0433	5	5	5	5	5
22C01A0436	5	5	5	5	5
22C01A0439	5	5	5	5	5
22C01A0440	5	5	5	5	5
22C01A0441	5	5	5	5	5
22C01A0442	5	5	5	5	5
22C01A0444	5	5	5	5	5
22C01A0445	5	5	5	5	5
22C01A0446	5	5	5	5	5
22C01A0447	5	5	5	5	5
22C01A0448	5	5	5	5	5

HTNO	183AA	183AQ	183BQ	183BR	183CC
22C01A0450	5	5	5	5	5
22C01A0451	5	5	5	5	5
22C01A0452	5	5	5	5	5
22C01A0454	5	5	5	5	5
22C01A0455	5	5	5	5	5
22C01A0456	5	5	5	5	5
22C01A0457	5	5	5	5	5
22C01A0458	5	5	5	5	5
22C01A0460	5	5	5	5	5
22C01A0461	5	5	5	5	5
22C05A0401	5	5	5	5	5
22C05A0404	5	5	5	5	5
23C05A0401	5	5	5	5	5
23C05A0402	5	5	5	5	5
23C05A0403	5	5	5	5	5
23C05A0404	5	5	5	5	5
23C05A0405	5	5	5	5	5
23C05A0406	5	5	5	5	5
23C05A0407	5	5	5	5	5
23C05A0408	5	5	5	5	5
23C05A0409	5	5	5	5	5

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

Subject Code	Subject Name
183AA	ANALOG CIRCUITS
183AQ	DIGITAL LOGIC DESIGN
183BR	NUMERICAL METHODS AND COMPLEX VARIABLES
183CC	SIGNALS AND SYSTEMS
183BQ	NETWORK ANALYSIS AND SYNTHESIS

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B.Tech - R22 - II Year - I Semester

COMPUTER SCIENCE AND ENGINEERING

Final University Consolidated Internal Marks Report-Date- 2024-02-07 16.52.53

HTNO	18307	18308	18326	18339	183AH	183AK	183AM	183AP	183BU
21C01A0524	25	29	23	82	20	19	25	23	20
21C01A0571	27	27	22	87	25	28	27	27	24
21C01A0584	24	28	23	70	27	26	21	25	24
21C01A05B2	25	28	21	73	25	26	27	23	18
22C01A0501	30	28	26	76	27	26	32	33	21
22C01A0502	30	32	30	79	27	28	35	31	33
22C01A0504	32	33	28	83	29	25	34	36	26
22C01A0506	35	39	39	89	38	39	39	40	38
22C01A0507	29	32	28	76	32	25	33	32	36
22C01A0508	33	30	26	78	28	28	36	28	30
22C01A0509	21	21	21	-1	3	10	10	-1	3
22C01A0510	32	30	25	78	29	25	34	28	28
22C01A0512	35	38	37	76	30	38	38	36	37
22C01A0513	29	34	26	75	25	30	25	28	30
22C01A0514	28	31	21	79	20	22	24	21	25
22C01A0515	33	34	26	71	25	27	28	27	25
22C01A0516	35	39	35	85	28	28	36	37	36
22C01A0517	29	35	30	89	24	26	35	27	23
22C01A0518	28	36	30	87	34	35	37	37	33
22C01A0519	29	35	24	80	31	33	35	36	30
22C01A0520	30	37	25	83	23	22	32	25	22
22C01A0521	32	38	36	94	34	35	36	38	37
22C01A0522	21	30	27	-1	25	27	35	33	30
22C01A0523	29	33	26	84	30	25	34	34	34
22C01A0524	30	38	29	80	31	34	34	29	27
22C01A0525	28	28	25	78	20	23	26	20	17
22C01A0526	29	30	30	75	28	30	31	32	32
22C01A0527	28	31	27	76	28	26	27	28	27
22C01A0528	33	38	27	81	36	35	37	36	33
22C01A0529	32	38	37	81	32	35	36	37	37
22C01A0530	29	29	24	80	22	27	29	30	29
22C01A0531	29	33	24	77	27	34	29	32	31

HTNO	18307	18308	18326	18339	183AH	183AK	183AM	183AP	183BU
22C01A0533	28	32	28	75	22	24	30	23	25
22C01A0534	30	30	28	74	24	32	25	28	31
22C01A0535	30	30	21	79	26	36	22	21	27
22C01A0536	32	32	29	83	30	32	29	33	29
22C01A0537	29	25	25	81	21	26	20	20	18
22C01A0538	30	38	29	91	37	38	36	38	36
22C01A0539	30	35	30	84	26	27	29	31	28
22C01A0540	30	30	30	83	29	27	29	27	29
22C01A0541	30	31	26	83	26	36	24	34	28
22C01A0542	30	31	29	78	26	27	28	34	29
22C01A0543	32	38	30	80	33	36	37	37	36
22C01A0544	30	33	29	84	28	28	30	32	26
22C01A0545	32	36	31	88	29	25	35	36	31
22C01A0546	29	28	32	76	18	23	26	22	22
22C01A0549	30	34	30	77	30	31	29	29	29
22C01A0550	29	28	23	74	21	24	28	30	20
22C01A0551	30	34	31	78	29	33	29	31	31
22C01A0552	33	29	26	86	20	19	30	23	21
22C01A0553	32	29	25	86	16	20	28	21	20
22C01A0554	30	32	29	83	29	31	28	34	35
22C01A0555	33	33	37	85	30	32	35	38	36
22C01A0556	30	33	29	87	31	31	33	36	34
22C01A0557	32	29	28	86	29	29	33	31	35
22C01A0558	30	34	25	88	26	31	31	34	27
22C01A0559	32	31	25	79	28	35	34	37	34
22C01A0560	30	34	32	78	25	29	33	30	33
22C01A0561	34	32	33	84	31	32	36	38	35
22C01A0562	32	35	31	77	33	27	33	37	33
22C01A0563	30	31	30	80	20	25	32	31	26
22C01A0564	35	35	30	83	30	34	35	35	36
22C01A0565	30	33	27	95	22	24	30	25	22
22C01A0566	30	32	22	81	21	23	28	28	22
22C01A0567	27	32	25	94	21	23	23	24	28
22C01A0569	25	31	21	-1	19	21	33	26	20
22C01A0570	25	30	22	84	21	23	21	28	20
22C01A0571	31	31	21	88	18	22	25	21	18
22C01A0572	30	31	21	90	20	20	22	26	25
22C01A0574	28	33	30	91	25	32	33	29	29
22C01A0575	36	36	30	91	31	30	37	39	31
22C01A0576	28	31	22	91	20	24	23	21	21
22C01A0577	30	33	30	79	31	32	33	31	30
22C01A0578	30	31	23	75	19	21	22	24	18
22C01A0579	21	26	21	81	17	21	19	20	18
22C01A0580	28	32	26	88	21	26	28	24	21
22C01A0582	29	33	24	84	20	23	27	21	26

HTNO	18307	18308	18326	18339	183AH	183AK	183AM	183AP	183BU
22C01A0583	32	33	24	98	24	28	32	32	26
22C01A0585	28	32	23	96	24	24	29	27	25
22C01A0586	27	29	21	85	20	21	22	22	18
22C01A0587	28	33	26	81	25	26	26	29	19
22C01A0588	36	34	38	96	29	28	33	36	39
22C01A0589	35	32	30	94	26	24	28	35	23
22C01A0591	28	31	23	88	28	24	32	33	26
22C01A0592	36	36	28	91	32	27	36	30	30
22C01A0593	21	26	21	88	20	21	26	28	19
22C01A0594	27	30	21	95	27	28	33	26	23
22C01A0595	30	29	21	86	27	25	30	28	15
22C01A0596	30	32	22	93	24	27	29	30	21
22C01A0597	26	32	20	88	25	24	29	29	24
22C01A0598	24	28	20	86	21	23	29	26	25
22C01A0599	30	29	21	91	19	22	29	26	23
22C01A05A0	30	33	20	86	24	24	26	26	25
22C01A05A1	33	31	21	95	22	25	27	32	23
22C01A05A2	29	35	21	92	30	28	33	34	22
22C01A05A3	34	30	26	94	29	26	32	31	28
22C01A05A4	24	27	21	88	20	23	27	24	22
22C01A05A6	26	30	24	91	20	23	22	26	20
22C01A05A7	30	29	25	70	28	25	25	26	22
22C01A05A8	27	32	20	91	20	24	25	32	20
22C01A05A9	30	29	21	86	17	23	23	20	20
22C01A05B0	31	30	21	96	20	23	23	24	17
22C01A05B1	32	30	31	89	25	35	24	31	29
22C01A05B2	32	31	30	96	26	28	33	36	34
22C01A05B3	29	31	31	94	31	31	34	36	31
22C01A05B4	27	28	20	45	18	26	22	20	18
22C01A05B6	32	31	27	88	24	27	35	28	23
22C01A05B7	34	29	21	89	20	24	34	33	21
22C01A05B8	21	31	20	75	17	23	21	22	15
22C01A05B9	32	33	21	90	22	22	32	26	23
22C01A05C0	29	29	20	88	17	24	26	23	21
22C01A05C1	30	32	21	94	20	28	32	31	25
22C01A05C3	30	32	21	80	22	24	23	27	19
22C01A05C5	32	32	25	94	20	22	32	29	27
22C01A05C6	30	29	21	63	18	23	21	22	22
22C01A05C7	36	34	28	84	29	32	35	37	32
22C01A05C8	30	28	21	95	19	23	24	24	25
23C05A0501	32	33	21	89	31	29	35	37	27
23C05A0502	31	32	24	91	21	23	31	25	21
23C05A0504	35	35	29	86	23	22	35	32	30
23C05A0505	30	32	20	91	21	24	27	31	19

HTNO	18307	18308	18326	18339	183AH	183AK	183AM	183AP	183BU
Total:121	3607	3843	3135	9930	3017	3248	3570	3529	3162

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

Subject Code	Subject Name
183BU	OBJECT ORIENTED PROGRAMMING THROUGH JAVA
183AM	DATA STRUCTURES
183AP	DIGITAL ELECTRONICS
18308	DATA VISUALIZATION R PROGRAMMING POWER BI
183AK	COMPUTER ORIENTED STATISTICAL METHODS
18326	OBJECT ORIENTED PROGRAMMING THROUGH JAVA LAB
18339	GENDER SENSITIZATION LAB
18307	DATA STRUCTURES LAB
183AH	COMPUTER ORGANIZATION AND ARCHITECTURE

Signature Of Principal with Date & Office seal

PRINCIPAL
SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpatnam, R.R. Dist. 501 506.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD-500085

SCIENT INSTITUTE OF TECHNOLOGY(C0)

B.Tech - R22 - II Year - I Semester

COMPUTER SCIENCE AND ENGINEERING

University PPT Internal Marks Report-Date- 2024-02-07 16.18.17

HTNO	183AH	183AK	183AM	183AP	183BU
21C01A0524	5	5	5	5	5
21C01A0571	5	5	5	5	5
21C01A0584	5	5	5	5	5
21C01A05B2	5	5	5	5	5
22C01A0501	5	5	5	5	5
22C01A0502	5	5	5	5	5
22C01A0504	5	5	5	5	5
22C01A0506	5	5	5	5	5
22C01A0507	5	5	5	5	5
22C01A0508	5	5	5	5	5
22C01A0509	-1	5	5	-1	-1
22C01A0510	5	5	5	5	5
22C01A0512	5	5	5	5	5
22C01A0513	5	5	5	5	5
22C01A0514	5	5	5	5	5
22C01A0515	5	5	5	5	5
22C01A0516	5	5	5	5	5
22C01A0517	5	5	5	5	5
22C01A0518	5	5	5	5	5
22C01A0519	5	5	5	5	5
22C01A0520	5	5	5	5	5
22C01A0521	5	5	5	5	5
22C01A0522	5	5	5	5	5
22C01A0523	5	5	5	5	5
22C01A0524	5	5	5	5	5
22C01A0525	5	5	5	5	5
22C01A0526	5	5	5	5	5
22C01A0527	5	5	5	5	5
22C01A0528	5	5	5	5	5
22C01A0529	5	5	5	5	5
22C01A0530	5	5	5	5	5
22C01A0531	5	5	5	5	5

HTNO	183AH	183AK	183AM	183AP	183BU
22C01A0533	5	5	5	5	5
22C01A0534	5	5	5	5	5
22C01A0535	5	5	5	5	5
22C01A0536	5	5	5	5	5
22C01A0537	5	5	5	5	5
22C01A0538	5	5	5	5	5
22C01A0539	5	5	5	5	5
22C01A0540	5	5	5	5	5
22C01A0541	5	5	5	5	5
22C01A0542	5	5	5	5	5
22C01A0543	5	5	5	5	5
22C01A0544	5	5	5	5	5
22C01A0545	5	5	5	5	5
22C01A0546	5	5	5	5	5
22C01A0549	5	5	5	5	5
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22C01A0561	5	5	5	5	5
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22C01A0563	5	5	5	5	5
22C01A0564	5	5	5	5	5
22C01A0565	5	5	5	5	5
22C01A0566	5	5	5	5	5
22C01A0567	5	5	5	5	5
22C01A0569	5	5	5	5	5
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22C01A0571	5	5	5	5	5
22C01A0572	5	5	5	5	5
22C01A0574	5	5	5	5	5
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22C01A0576	5	5	5	5	5
22C01A0577	5	5	5	5	5
22C01A0578	5	5	5	5	5
22C01A0579	5	5	5	5	5
22C01A0580	5	5	5	5	5
22C01A0582	5	5	5	5	5

HTNO	183AH	183AK	183AM	183AP	183BU
22C01A0583	5	5	5	5	5
22C01A0585	5	5	5	5	5
22C01A0586	5	5	5	5	5
22C01A0587	5	5	5	5	5
22C01A0588	5	5	5	5	5
22C01A0589	5	5	5	5	5
22C01A0591	5	5	5	5	5
22C01A0592	5	5	5	5	5
22C01A0593	5	5	5	5	5
22C01A0594	5	5	5	5	5
22C01A0595	5	5	5	5	5
22C01A0596	5	5	5	5	5
22C01A0597	5	5	5	5	5
22C01A0598	5	5	5	5	5
22C01A0599	5	5	5	5	5
22C01A05A0	5	5	5	5	5
22C01A05A1	5	5	5	5	5
22C01A05A2	5	5	5	5	5
22C01A05A3	5	5	5	5	5
22C01A05A4	5	5	5	5	5
22C01A05A6	5	5	5	5	5
22C01A05A7	5	5	5	5	5
22C01A05A8	5	5	5	5	5
22C01A05A9	5	5	5	5	5
22C01A05B0	5	5	5	5	5
22C01A05B1	5	5	5	5	5
22C01A05B2	5	5	5	5	5
22C01A05B3	5	5	5	5	5
22C01A05B4	5	5	5	5	5
22C01A05B6	5	5	5	5	5
22C01A05B7	5	5	5	5	5
22C01A05B8	5	5	5	5	5
22C01A05B9	5	5	5	5	5
22C01A05C0	5	5	5	5	5
22C01A05C1	5	5	5	5	5
22C01A05C3	5	5	5	5	5
22C01A05C5	5	5	5	5	5
22C01A05C6	5	5	5	5	5
22C01A05C7	5	5	5	5	5
22C01A05C8	5	5	5	5	5
23C05A0501	5	5	5	5	5
23C05A0502	5	5	5	5	5
23C05A0504	5	5	5	5	5
23C05A0505	5	5	5	5	5

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

Subject Code	Subject Name
183BU	OBJECT ORIENTED PROGRAMMING THROUGH JAVA
183AM	DATA STRUCTURES
183AP	DIGITAL ELECTRONICS
183AK	COMPUTER ORIENTED STATISTICAL METHODS
183AH	COMPUTER ORGANIZATION AND ARCHITECTURE

Scient Institute of Technology R.R. Dt. 501 506 Ibrahimpatnam.

PRINCIPAL
SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpatnam, R.R.Dist-501506

Signature Of Principal With Date & Office Seal

SCIENT INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
II YEAR II SEM LAB Day to Day Evaluation Sheet

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

EXPERIMENT NO			1				2				3				4				5				6				7			
DATE			14/3/2024				21/3/2024				28/3/2024				4/4/2024				11/4/2024				18/4/2024				25/4/2024			
S.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	V	O+E	R	T	V	O+E	R	T
1	21C01A0219	KAMBALAPALLY MANASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
2	22C01A0201	ADI RAMTEJA	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	7	10	10	27	7	10	10	27
3	22C01A0202	BATA NAVEENA	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25
4	22C01A0203	BHEEMANAPALLY RAJESH	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25
5	22C01A0204	BORLAKUNTA ANJALI	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26
6	22C01A0206	GODDUGORLA ABHILASH	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25
7	22C01A0209	KONDA KALYANI	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
8	22C01A0210	KOTRA LOKESH	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24
9	22C01A0211	KURA VEERASWAMY	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25
10	22C01A0212	MANEGANI SANDHYA	7	10	10	27	7	10	10	27	7	10	10	27	7	10	10	27	7	10	10	27	7	10	10	27	7	10	10	27
11	22C01A0213	MATHANGI AKASH	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24
12	22C01A0214	MUDAVATH REVATHI	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
13	22C01A0215	MYATHARI SAIDULAMMA	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24	4	10	10	24
14	22C01A0216	N SHRAVANI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	22C01A0217	NEETURI GAYATHRI	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
16	22C01A0220	P CHANDU	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
17	22C01A0221	P ISWARYA	3	10	10	23	3	10	10	23	3	10	10	23	3	10	10	23	3	10	10	23	3	10	10	23	3	10	10	23
18	22C01A0224	PONAGANTI KARTHIK	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26	6	10	10	26
19	22C01A0225	POTHURAJU GOWTHAM	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25	5	10	10	25
20	22C01A0226	R LAXMI	9	10	10	29	9	10	10	29	9	10	10	29	9	10	10	29	9	10	10	29	9	10	10	29	9	10	10	29
21	22C01A0227	S SWAPNA	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
22	22C01A0229	SALWADI POURNAMI	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
23	22C01A0230	SAPPIDI NANDINI	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30
24	22C01A0231	SHEVVA DIVYA	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
25	23C05A0201	A SIDDARTHA	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30
26	23C05A0202	BADAVATH SHEKHAR	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
27	23C05A0203	BUDIDHA VENKATESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	23C05A0204	DHANAVATH KIRAN	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
29	23C05A0205	GADDAM VENKAT REDDY	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
30	23C05A0206	NUNAVATH AKHILA	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28
31	23C05A0207	RANGAM VAMSHI KRISHNA	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28	8	10	10	28

V= VIVA (10M), O+E= OBSERVATION + EXECUTION (10M), R= RECORD (10M), T= TOTAL (30 M)

Incharge Sign

HOD-EEE

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Ibrahimpatnam, R.R. Dt.-501 506

SCIENT INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

MAJOR PROJECT INTERNAL EVALUATION

S.NO	HT.NO	NAME OF THE STUDENT	MAJOR PROJECT REVIEW-I				MAJOR PROJECT REVIEW-II				AVERAGE
			KNOWLEDGE(10)	PRESENTATION(10)	VIVA(5)	TOTAL(25)	KNOWLEDGE(10)	PRESENTATION(10)	VIVA(5)	TOTAL(25)	
1	20C01A0207	BORI SHOBHA	9	8	4	21	9	8	4	21	21
2	20C01A0209	CHINTALA CHANDANA	9	8	4	21	9	8	4	21	21
3	20C01A0210	DHUBBA SHIVAMANI	9	8	4	21	9	8	4	21	21
4	20C01A0211	G HINDU	9	9	4	22	9	9	4	22	22
5	20C01A0212	G SARITHA	8	9	4	21	8	9	4	21	21
6	20C01A0214	G SHARATHCHANDRA	9	9	4	22	9	9	4	22	22
7	20C01A0215	J ANIL KUMAR REDDY	8	9	4	21	8	9	4	21	21
8	20C01A0216	JILLALA SAIPRIYA	9	9	4	22	9	9	4	22	22
9	20C01A0220	KATIKA BHAVANI	8	8	4	20	8	8	4	20	20
10	20C01A0224	KORRA BALAJI	8	8	4	20	8	8	4	20	20
11	20C01A0225	LAVOORI NEELAVATHI	10	10	4	24	10	10	4	24	24
12	20C01A0226	L VARUN KUMAR	8	8	4	20	8	8	4	20	20
13	20C01A0227	M DEENA KUMARI	8	8	4	20	8	8	4	20	20
14	20C01A0228	M NAGARANI	8	8	4	20	8	8	4	20	20
15	20C01A0231	M CHANDRAMOULI	8	8	4	20	8	8	4	20	20
16	20C01A0232	MOHD SOFYAN NAWAZ	8	8	4	20	8	8	4	20	20
17	20C01A0234	N VISHWAS BABU	10	10	4	24	10	10	4	24	24
18	20C01A0236	PANDULA RAMU	8	8	4	20	8	8	4	20	20
19	20C01A0237	PATEL SAI KUMAR REDDY	10	10	4	24	10	10	4	24	24
20	20C01A0239	PEDDALANKA SUSHMA	9	9	4	22	9	9	4	22	22
21	20C01A0240	RAMAVATH SHIREESHA	9	9	4	22	9	9	4	22	22
22	20C01A0243	ULPARA VINODA	8	9	4	21	8	9	4	21	21
23	20C01A0244	V NITHIN KUMAR	9	9	4	22	9	9	4	22	22
24	20C05A0235	U. HYMAVATHI	7	8	4	19	7	8	4	19	19
25	20C05A0238	VARIKUPPALA VAMSHI	8	7	4	19	8	7	4	19	19
26	20C05A0241	YATA SIDDHU	7	8	4	19	7	8	4	19	19
27	21C05A0201	ARUTLA SHIVA	8	8	4	20	8	8	4	20	20
28	21C05A0203	CHILUKALA VENU	10	10	4	24	10	10	4	24	24
29	21C05A0204	D CHITTIBA	10	10	4	24	10	10	4	24	24

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30	21C05A0205	DATHRIKA KARTHIK	10	9	4	23	10	9	4	23	23
31	21C05A0206	D SUMITH CHAITHANYA	10	10	4	24	10	10	4	24	24
32	21C05A0208	JAKKULA SRINIVAS	8	8	4	20	8	8	4	20	20
33	21C05A0209	KUMMARI ANITHA	9	9	4	23	9	9	4	23	23
34	21C05A0211	M KRISHNA VARDHAN	10	10	4	24	10	10	4	24	24
35	21C05A0213	NENAVATH MAHENDER	9	8	4	21	9	8	4	21	21
36	21C05A0214	POLAMONI SRIKANTH	9	9	4	23	9	9	4	23	23
37	21C05A0215	T MOHANA	9	9	4	23	9	9	4	23	23
38	21C05A0216	U RAJESHWAR RAO	8	8	4	20	8	8	4	20	20

Project Co-ordinator

HOD

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R. R. Dt.
501 506
Ibrahimpatnam.

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SCIENT INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
Seminar Evaluation Sheet

S.NO	HT.NO	NAME OF THE STUDENT	TITLE CONTENT & WORK(30)	KNOWLEDGE & PARTICIPATION(30)	PRESENTATION SKILLS(20)	VIVA(20)	TOTAL(100)
1	20C01A0207	BORI SHOBHA	25	25	15	15	80
2	20C01A0209	CHINTALA CHANDANA	25	25	15	15	80
3	20C01A0210	DHUBBA SHIVAMANI	26	25	15	15	81
4	20C01A0211	G HINDU	28	29	18	18	93
5	20C01A0212	G SARITHA	26	26	16	16	84
6	20C01A0214	G SHARATHCHANDRA	28	28	19	18	93
7	20C01A0215	J ANIL KUMAR REDDY	27	27	18	18	90
8	20C01A0216	JILLALA SAIPRIYA	28	29	18	18	93
9	20C01A0220	KATIKA BHAVANI	27	26	16	16	85
10	20C01A0224	KORRA BALAJI	25	25	15	15	80
11	20C01A0225	LAVOORI NEELAVATHI	29	28	19	18	94
12	20C01A0226	L VARUN KUMAR REDDY	25	25	15	15	80
13	20C01A0227	M DEENA KUMARI	26	26	18	18	88
14	20C01A0228	M NAGARANI	26	27	17	15	85
15	20C01A0231	M CHANDRAMOULI	27	25	18	18	88
16	20C01A0232	MOHD SOFYAN NAWAZ	28	26	18	18	90
17	20C01A0234	N VISHWAS BABU	29	28	19	18	94
18	20C01A0236	PANDULA RAMU	25	27	18	18	88
19	20C01A0237	PATEL SAI KUMAR REDDY	29	28	19	18	94
20	20C01A0239	PEDDALANKA SUSHMA	27	28	19	18	92
21	20C01A0240	RAMAVATH SHIREESHA	28	28	19	18	93
22	20C01A0243	ULPARA VINODA	28	26	19	18	91
23	20C01A0244	V NITHIN KUMAR	28	27	18	19	92
24	20C05A0235	U. HYMAVATHI	25	25	15	15	80
25	20C05A0238	VARIKUPPALA VAMSHI	25	25	15	13	78
26	20C05A0241	YATA SIDDHU	25	25	15	14	79
27	21C05A0201	ARUTLA SHIVA	28	26	18	17	89
28	21C05A0203	CHILUKALA VENU	29	28	19	18	94
29	21C05A0204	D CHITHRA	28	29	18	19	94
30	21C05A0205	DATHRIKA KARTHIK	25	28	19	18	90
31	21C05A0206	D SUMITH CHAITHANYA	28	28	19	19	94
32	21C05A0208	JAKKULA SRINIVAS	25	23	15	15	78
33	21C05A0209	KUMMARI ANITHA	28	28	19	18	93
34	21C05A0211	M KRISHNA VARDHAN	28	28	18	19	93
35	21C05A0213	NENAVATH MAHENDER	28	25	19	18	90
36	21C05A0214	POLAMONI SRIKANTH	28	28	19	18	93
37	21C05A0215	T MOHANA	28	28	19	18	93
38	21C05A0216	U RAJESHWAR RAO	25	25	15	13	78

Coordinator

HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 02.08.2023

CIRCULAR

Members of PAC are here by informed that meeting of Program Assessment Committee is scheduled on 04.08.2023 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. AMAGOTH BALA RAM

Copy to:

1. Committee members

- Dr. AMAGOTH BALA RAM, prof &HOD
- SHAIK MOHAMMAD SHAFIULLA, Assoc.Prof
- GOGIKAR MAHENDER, Assoc.Prof
- SRIKANTH DURGAM, Assoc.Prof
- ANOOSHA KALERU, Asst.Prof
- RAMYA SREE BANALA, Asst.Prof
- NAVEEN MASKU, Asst.Prof
- NAVEEN KUMAR PULAGAM, Asst.Prof
- MD.JAVID (Alumni student)
- Dr. BOMMIDI SRIDHAR, Prof& HOD-ECE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 07.08.2023

MINUTES OF MEETING:

The Program Assessment Committee met on 06.08.2023 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. AMAGOTH BALA RAM, prof &HOD
- SHAIK MOHAMMAD SHAFIULLA, Assoc. Prof
- GOGIKAR MAHENDER, Assoc. Prof
- SRIKANTH DURGAM, Assoc. Prof
- ANOOSHA KALERU, Asst. Prof
- RAMYA SREE BANALA, Asst. Prof
- NAVEEN MASKU, Asst. Prof
- NAVEEN KUMAR PULAGAM, Asst. Prof
- MD.JAVID, (Alumni student)
- Dr. BOMMIDI SRIDHAR, Prof & HOD-ECE

The meeting started with the welcome speech by Dr AMAGOTH BALA RAM, 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.

The meeting concluded with a vote of thanks by Dr. AMAGOTH BALA RAM, Head of the Department CSE.

HOD CSE

Dr. AMAGOTH BALA RAM

Copy to:

1. Committee members

- Dr. AMAGOTH BALA RAM, prof & HOD
- SHAIK MOHAMMAD SHAFIULLA, Assoc. Prof
- GOGIKAR MAHENDER, Assoc. Prof
- SRIKANTH DURGAM, Assoc. Prof
- ANOOSHA KALERU, Asst. Prof
- RAMYA SREE BANALA, Asst. Prof
- NAVEEN MASKU, Asst. Prof
- NAVEEN KUMAR PULAGAM, Asst. Prof
- MD.JAVID, (Alumni student)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 10.08.2023

CIRCULAR

Sir,

We are privileged to inform you that, the Program Assessment Committee (PAC) meeting is scheduled on 11 August, 2023

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: 11-08-2023 Time of Meeting 02.30pm Venue of Meeting-HoD Room

We solicit your presence

Thanking you sir

Yours faithfully

Dr. DAMODARA REDDY KAVALAKUNTLA

Copy to:

Dr. DAMODARA REDDY K, professor	HOD
Mr. SRISHAILAM KONKA, Asst. Prof	*Program Coordinator*
Mr. BHUKYA RAJESH, Asst. Prof	*Member*
Mr. RAMPRANAY PONNAMANENI, Asst. Prof	*Member*
Mr. PANDI SURESH, Asst. Prof	*Member*
Mr. PARLAPELLY LAXMAN, Asst. Prof	Member
Mr. SUNIL KUMAR RATHNAM, Asst. Prof	Member
Mr. CHILUKALA VENU (Alumni student)	Member
Dr. BOMMIDI SRIDHAR, HOD-ECE	Member

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 11.08.2023

Minutes of the Meeting

The meeting of Programme Assessment Committee (PAC) of Electrical and Electronics Engineering was held on 11th August, 2023.

Agenda

1 Value Added Course on Current technologies- AI & ML Applications to EVs.
2. Discussion on Course Outcomes
3. Discussion on identified curricular gaps, topics beyond syllabus
4. Any other issue

During the meeting the following members were present.

S.NO	NAME OF THE MEMBER	DESIGNATION
01	Dr. DAMODARA REDDY KAVALAKUNTLA	HOD
02	SRISHAILAM KONKA	*Program Coordinator*
03	*BHUKYA RAJESH*	Member
04	*RAMPRANAY PONNAMANENI*	Member
05	PANDI SURESH	Member
06	PARLAPELLY LAXMAN	Member
07	CHILUKALA VENU (Alumni student)	Member
08	Dr. BOMMIDI SRIDHAR, HOD-ECE	Member

The HOD, welcomed all the members of the committee.

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

1. A value Added Course on AI & ML Applications to EVs 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. DAMODARA REDDY KAVALAKUNTLA, HOD, thanked the members for their sincere efforts by spending their valuable time to give suggestions

HOD

Dr.DAMODARA REDDY KAVALAKUNTLA

The minutes of the meeting are forwarded to PAC

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

Dr. DAMODARA REDDY K, professor	HOD
Mr. SRISHAILAM KONKA, Asst. Prof	*Program Coordinator*
Mr. BHUKYA RAJESH, Asst. Prof	*Member*
Mr. RAMPRANAY PONNAMANENI, Asst. Prof	*Member*
Mr. PANDI SURESH, Asst. Prof	*Member*
Mr. PARLAPELLY LAXMAN, Asst. Prof	Member
Mr. SUNIL KUMAR RATHNAM, Asst. Prof	Member
Mr. CHILUKALA VENU (Alumni student)	Member
Dr. BOMMIDI SRIDHAR, HOD-ECE	Member

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DEPARTMENT OF Electronic and Communication Engineering

Date: 01.08.2023

CIRCULAR

Members of PAC are here by informed that meeting of Program Assessment Committee is scheduled on 02.08.2023 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 ECE

Dr. BOMMIDI SRIDHAR

Copy to:

1. Committee members

- Dr. BOMMIDI SRIDHAR prof &HOD-ECE
- SAIDULU KOTTAPALLI, Assoc.Prof
- SWARNALATHA GUNDAPUNENI, Assoc.Prof
- SUDHAKAR, Asst.Prof
- BALAGA BHAGAVATI RAO.Asst. Prof
- NARESH GONRATHI, Asst.Prof
- SEVA DANAVATH, Asst.Prof
- B.BAPUJI (Alumni student)
- Dr. AMAGOTH BALA RAM, prof &HOD-CSE

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Ibrahimpatnam, RangaReddy Dist. Telangana

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DEPARTMENT OF Electronic and Communication Engineering

Date: 05.08.2023

MINUTES OF MEETING:

The Program Assessment Committee met on 07.08.2023 at 2.00 PM in the ECE HOD chamber, Scient institute of Technology, Ibrahimpatnam, and Hyderabad to discuss the following Agenda

The following members were present in the meeting

- Dr. BOMMIDI SRIDHAR prof &HOD-ECE
- SAIDULU KOTTAPALLI, Assoc.Prof
- SWARNALATHA GUNDAPUNENI, Assoc.Prof
- SUDHAKAR, Asst.Prof
- BALAGA BHAGAVATI RAO.Asst. Prof
- NARESH GONRATHI, Asst.Prof
- SEVA DANAVATH, Asst.Prof
- B.BAPUJI (Alumni student)
- Dr. AMAGOTH BALA RAM, prof &HOD-CSE

The meeting started with the welcome speech by Dr. BOMMIDI SRIDHAR, 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.

The meeting concluded with a vote of thanks by Dr. BOMMIDI SRIDHAR, Head of the Department ECE.

HOD ECE

Dr. BOMMIDI SRIDHAR

Copy to:

1. Committee members

- Dr. BOMMIDI SRIDHAR prof &HOD-ECE
- SAIDULU KOTTAPALLI, Assoc.Prof
- SWARNALATHA GUNDAPUNENI, Assoc.Prof
- SUDHAKAR, Asst.Prof
- BALAGA BHAGAVATI RAO.Asst. Prof
- NARESH GONRATHI, Asst.Prof
- SEVA DANAVATH, Asst.Prof
- B.BAPUJI (Alumni student)

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DEPARTMENT OF Master in Business Administration

Date: 18.08.2023

CIRCULAR

Sir,

We are privileged to inform you that, the Program Assessment Committee (PAC) meeting is scheduled on 19 August, 2023

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: 18-08-2023 Time of Meeting 02.30pm Venue of Meeting-HOD Room

We solicit your presence

Thanking you sir

Yours faithfully

Dr. SRINIVASA REDDY YARAM

Copy to:

Dr . SRINIVASA REDDY YARAM, professor	HOD OF MBA
Mr. VAMSHI KRISHNA BRUNGI, Asst. Prof	*Program Coordinator*
Mr. PULLEPU PHANI MADHAV RAO, *Asst. Prof*	*Member*
Mr. SHASHIKANTH UDUTHA, *Asst. Prof*	*Member*
Mr. GURUPRASAD PATTIPATI, *Asst. Prof*	*Member*
Mr. G MARUTHY RAJU, Asst. Prof	Member
Mrs. SREELATHA	Member

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DEPARTMENT OF Master in Business Administration

Date: 21.08.2023

Minutes of the Meeting

The meeting of Programme Assessment Committee (PAC) of Master in Business Administration was held on 22 August, 2023.

Agenda

1. Value Added Course on business administration Applications.
2. Discussion on Course Outcomes
3. Discussion on identified curricular gaps, topics beyond syllabus
4. Any other issue

During the meeting the following members were present.

S.NO	NAME OF THE MEMBER	DESIGNATION
01	Dr. SRINIVASA REDDY YARAM	professor & HOD
02	VAMSHI KRISHNA BRUNGI	*Program Coordinator*
03	PULLEPU PHANI MADHAV RAO	Member
04	SHASHIKANTH UDUTHA	Member
05	. G MARUTHY RAJU	Member
06	GURUPRASAD PATTIPATI	Member
07	K.HIMA BINDU (Alumni student)	Member

The HOD, welcomed all the members of the committee.

SCIENT INSTITUTE OF TECHNOLOGY

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

1. The core courses in an MBA program cover various areas of business administration

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. SRINIVASA REDDY YARAM, HOD of MBA thanked the members for their sincere efforts by spending their valuable time to give suggestions

HOD

Dr. SRINIVASA REDDY YARAM

The minutes of the meeting are forwarded to PAC

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

Dr. SRINIVASA REDDY YARAM, professor	HOD OF MBA
Mr. VAMSHI KRISHNA BRUNGI, Asst. Prof	*Program Coordinator*
Mr. PULLEPU PHANI MADHAV RAO, *Asst. Prof*	*Member*
Mr. SHASHIKANTH UDUTHA, *Asst. Prof*	*Member*
Mr. GURUPRASAD PATTIPATI, *Asst. Prof*	*Member*
Mr. G MARUTHY RAJU, Asst. Prof	Member
Mrs. SREELATHA	Member

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