PRELIMINARY DEFINITIONS AND NOMENCLATURES

AICTE: Means All India Council for Technical Education, New Delhi.

Autonomous Institute: Means an institute designated as Autonomous by University Grants Commission (UGC), New Delhi in concurrence with affiliating University (Jawaharlal Nehru Technological University, Hyderabad) and State Government.

Academic Autonomy: Means freedom to an institute in all aspects of conducting its academic programs, granted by UGC for Promoting Excellence.

Academic Council: The Academic Council is the highest academic body of the institute and is responsible for the maintenance of standards of instruction, education and examination within the institute. Academic Council is an authority as per UGC regulations and it has the right to take decisions on all academic matters including academic research.

Academic Year: It is the period necessary to complete an actual course of study within a year. It comprises two main semesters i.e., (one odd + one even).

Branch: Means specialization in a program like B.Tech degree program in Mechanical Engineering, B.Tech. degree program in Computer Science and Engineering etc.

Board of Studies (BOS): BOS is an authority as defined in UGC regulations, constituted by Head of the Department for each of the departments separately. They are responsible for curriculum design and updating in respect of all the programs offered by a department.

Backlog Course: A course is considered to be a backlog course, if the student has obtained a failure grade (F) in that course.

Basic Sciences: The courses offered in the areas of Mathematics, Physics, Chemistry etc., are considered to be foundational in nature.

Betterment: Betterment is a way that contributes towards improvement of the students' grade in any course(s). It can be done by either (a) re-appearing or (b) re-registering for the course.

Commission: Means University Grants Commission (UGC), New Delhi.

Choice Based Credit System: The credit-based semester system is one which provides flexibility in designing curriculum and assigning credits based on the course content and hours of teaching along with provision of choice for the student in the course selection.

Certificate Course: It is a course that makes a student to have hands-on expertise and skills required for holistic development in a specific area/field.

Compulsory course: Course required to be undertaken for the award of the degree as per the program.

Continuous Internal Examination: It is an examination conducted toward Continuous Internal Assessment.

Core: The courses that are essential constituents of each engineering discipline are categorized as professional core courses for that discipline.

Course: A course is offered by a department for learning in a particular semester.

Course Outcomes: The essential skills that need to be acquired by every student through a course.

Credit: A credit is a unit that gives weight to the value, level or time requirements of an academic course. The number of 'Contact Hours' in a week of a particular course determines its credit value. One credit is equivalent to one lecture/tutorial hour per week.

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

Cumulative Grade Point Average (CGPA): It is a measure of cumulative performance of a student over all the completed semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is

expressed up to two decimal places.

Curriculum: Curriculum incorporates the planned interaction of students with instructional content, materials, resources, and processes for evaluating the attainment of Program Educational Objectives.

Department: An academic entity that conducts relevant curricular and co-curricular activities, involving both teaching and non-teaching staff, and other resources in the process of study for a degree.

Detention in a Course: Student who does not obtain minimum prescribed attendance in a course shall be detained in that particular course.

Dropping from Semester: Student who doesn't want to register for any semester can apply in writing in prescribed format before the commencement of that semester.

Elective Course: A course that can be chosen from a set of courses. An elective can be Professional Elective and / or Open Elective.

Evaluation: Evaluation is the process of judging the academic performance of the student in her/his courses. It is done through a combination of continuous internal assessment and semester end examinations.

Experiential Engineering Education (ExL): Engineering entrepreneurship requires strong technical skills in engineering design and computation with key business skills from marketing to business model generation. Our students require sufficient skills to innovate in existing companies or create their own.

Grade: It is an index of the performance of the students in a said course. Grades are indicated by alphabets.

Grade Point: It is a numerical weight allotted to each letter grade on a 10- point scale.

Honours: Honours degree typically refers to a higher level of academic achievement at an undergraduate level.

Institute: Means Marri Laxman Reddy Institute of Technology and Management, Hyderabad unless indicated otherwise by the context.

Massive Open Online Courses (MOOC): MOOC courses inculcate the habit of self-learning. MOOC courses would be additional choices in all the elective group courses.

Minor: Minor are coherent sequences of courses which may be taken in addition to the courses required for the B. Tech degree.

Pre-requisite: A specific course, the knowledge of which is required to complete before student register another course at the next grade level.

Professional Elective: It indicates a course that is discipline centric. An appropriate choice of minimum number of such electives as specified in the program will lead to a degree with specialization.

Program: Means, UG degree program: Bachelor of Technology (B. Tech); PG degree program: Master of Technology (M. Tech) / Master of Business Administration (MBA).

Program Educational Objectives: The broad career, professional and personal goals that every student will achieve through a strategic and sequential action plan.

Project work: It is a design or research-based work to be taken up by a student during his/her final year to achieve a particular aim. It is a credit based course and is to be planned carefully by the student.

Re-Appearing: A student can reappear only in the semester end examination for theory component of a course to the regulations contained herein.

Registration: Process of enrolling in to a set of courses in a semester of a program.

Regulations: The regulations, common to all B. Tech programs offered by institute, are designated as "MLRS-BT25" and are binding on all the stakeholders.

Semester: It is a period of study consisting of 15 weeks of academic work. Odd semester commences usually in July and even semester in December of every year.

Semester End Examinations: It is an examination conducted for all courses offered in a semester at the end of the semester.

S/he: Means "she" and "he" both.

Student Outcomes: The essential skill sets that need to be acquired by every student during her/his program of study. These skill sets are in the areas of employability, entrepreneurial, social and behavioral.

University: Means Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad, is an affiliating University.

Withdraw from a Course: Withdrawing from a course means that a student can drop from a course within the first two weeks of odd or even semester (deadlines are different for summer sessions). However, s/he can choose a substitute course in place of it, by exercising the option within 5 working days from the date of withdrawal.

PREFACE

Dear Students,

The focus at MLRITM is to deliver value-based education with academically well qualified faculty and infrastructure. It is a matter of pride that MLRITM continues to be the preferred destination for students to pursue an engineering degree.

In the year 2019, MLRITM was granted academic autonomy status by University Grants Commission, New Delhi under Jawaharlal Nehru Technology University Hyderabad. From then onwards, our prime focus is on developing and delivering a curriculum which caters to the needs of various stakeholders. The curriculum has unique features enabling students to develop critical thinking, solve problems, analyze socially relevant issues, etc. The academic cycle designed on the basis of Choice Based Credit System (CBCS) and Outcome Based Education (OBE), which strongly emphasizes continuous improvement and this has made our curriculum responsive to current requirements.

The curriculum at MLRITM has been developed by experts from academia and industry and it has unique features to enhance problem solving skills apart from academic enrichment. The curriculum of B.Tech program has been thoroughly revised as per AICTE / UGC / JNTUH guidelines and has incorporated unique features such as competency training / coding, industry driven elective, internship and many more. The curriculum is designed in a way so as to impart engineering education in a holistic approach towards Excellence.

I hope you will have a fruitful stay at MLRITM.

Dr. Sridhar P
Director

ACADEMIC REGULATIONS: MLRS-BT25

B.Tech. Regular Four-Year Degree Program
(for the batches admitted from the academic year 2025-26)
&
B.Tech. (Lateral Entry Scheme)
(for the batches admitted from the academic year 2026-27)

For pursuing four-year undergraduate Bachelor of Technology (B.Tech.) degree program of studying engineering offered by Marri Laxman Reddy Institute of Technology and Management under Autonomous status.

A student shall undergo the prescribed courses as given in the program curriculum to obtain his/her degree in major in which he/she is admitted to secure a minimum of 160 credits out of 164 credits for successful completion of the undergraduate programme and award of the B.Tech. degree. Additional 20 / 18 credits can be acquired for the degree of B.Tech with **Honours / Minor in Engineering**. These additional 20 / 18 credits will have to be acquired with massive open online courses (MOOCs) / courses offered by the respective department, to tap the zeal and excitement of learning beyond the classrooms. This creates an excellent opportunity for students to acquire the necessary skill set for employability through massive open online courses where the rare expertise of world-famous experts from academics and industry are available.

Separate certificate will be issued in addition to major degree program mentioning that the student has cleared Honours / Minor specialization in respective courses.

1. Choice Based Credit System

The Choice-Based Credit System (CBCS) is an innovative and flexible approach to higher education that allows students to choose courses from a range of options offered by an institution. Introduced to promote interdisciplinary learning, CBCS provides students with the autonomy to tailor their academic journey, fostering a more dynamic and personalized educational experience.

A course defines course objectives, outcomes and comprises lectures / tutorials / laboratory work / field based / industry oriented mini project / internships / project work / assignments / online quiz / MOOCs / Comprehensive assessment tools / presentations / self-study etc., or a combination of some of these. Under the CBCS, the requirement for awarding a degree is prescribed in terms of number of credits to be completed by the students.

2. Medium of Instruction

The medium of instruction shall be **English** for all courses, examinations, seminar presentations and project work. The program curriculum will comprise courses of study as given in course structure, in accordance with the prescribed syllabi.

3. Programs Offered

Presently, the institute is offering Bachelor of Technology (B. Tech) degree programs in seven disciplines. The various programs and their two-letter unique codes are given in Table 1.

Table-1: B.Tech Programs offered

SNo	Name of the Program	Title	Code
1	Civil Engineering	CE	01
2	Electrical and Electronics Engineering	EE	02
3	Mechanical Engineering	ME	03
4	Electronics and Communication Engineering	EC	04
5	Computer Science and Engineering (CSE)	CS	05
6	CSE (Artificial Intelligence and Machine Learning)	CA	66
7	CSE (Data Science)	CD	67

4. Semester Structure

Each academic year is divided into two semesters, **ODD** and **EVEN** semester. Both the semesters have regular class work.

4.1 Each semester shall be of 20 weeks (Table 2) duration, and this period includes time for course registration, regular class work, examination preparation, and conduction of examinations.

4.2 There shall be a minimum of 15 weeks of instruction, exluding the CIA and SEE.

4.3 The tentative division of academic calendar for both Odd and Even semester shown in Table 2 is declared at thebeginning of the academic year.

Table2: Proposed Academic Calendar

Odd Semester	First Spell of instructions	8 weeks	20 weeks
	Continuous Internal Examinations - I	1 week	
	Second Spell of instructions	7 weeks	
	Continuous Internal Examinations - II	1 week	
	Preparation, Practical and Semester End Examinations	3 weeks	
Even Semester	First Spell of instructions	8 weeks	20 weeks
	Continuous Internal Examinations - I	1 week	
	Second Spell of instructions	7 weeks	
	Continuous Internal Examinations - II	1 week	
	Preparation, Practical and Semester End Examinations	3 weeks	

4.4 Students admitted on transfer from JNTUH affiliated institutes, Universities and other institutes in the courses in which they are required to earn credits so as to be on par with regular students as prescribed by concerned 'Board of Studies'.

5. Course Registration

The academic calendar includes important academic activities to assist the students and the faculty. These include, dates assigned for registration of courses. This enables the students to be well prepared and take full advantage of the flexibility provided by the credit system.

5.1 Each student has to compulsorily register for course work at the beginning of each semester as per the schedule mentioned in the Academic Calendar. It is compulsory for the student to register for all courses in time. The registration will be organized departmentally under the supervision of the Mentor / Head of the department.

5.2 In ABSENTIA, course registration will not be permitted under any circumstances.

5.3 At the time of registration of courses, students should pay all the fees of Institute and Hostelers for the previous semesters, paid the prescribed fees for the current semester.

5.4 In the first two semesters, the prescribed course load per semester is fixed and is mandated to register all courses.

5.5 The Head of the Department / Course Coordinator should review vacant slots in the timetable of each section once in every week or fortnight. The vacant slots in the time-table may be allocated to the subject teachers who could not take classes in proportion to the number of weeks completed from the commencement of the semester.

5.6 Two faculty members may be allocated for the tutorial sessions such as Mathematics-1 course for better interaction/practice and to minimise the failures in the subject.

5.7 **Professional Electives:** The students have to choose six Professional Electives (PE-I to PE-VI) from the six baskets of professional electives given. Students have the flexibility to choose from the list of professional electives offered by the Institute or opt to register for the equivalent Massive Open Online Courses (MOOCs) as listed from time to time by the Department Advisiory Board / BoS

5.8 **Open Electives:** Students have to choose three Open Electives (OE-I, II & III) from three baskets of Open Electives given by other than the parent department. However, the student can opt for an Open Elective course offered by his parent department, if the student has not studied that course so far. Similarly, Open Elective courses being studied should not match with any courses of the forthcoming semesters.

5.9 **Provision for Early Registration of Courses:**

By the time of early registration of the courses, the student should not have any active backlogs. For a professional elective in a semester, students are allowed to register for an equivalent MOOCs course / courses listed from time to time by the institute well in advance. For example, a Professional Elective of VI Sem shall be allowed to register under MOOCs platform in V Semester and so on.

The credits earned in one semester in advance can be submitted in the subsequent semester for the assessment.

The students who have registered in advance in an equivalent MOOCs course and fail to secure any pass grade in the MOOCs course, can register for the regular course offered in the following semester of their course structure.

5.10 Conversion of Marks Secured in MOOCs into Grades:

Marks secured in the internal / assignments and external / proctored exam evaluations of a MOOCs course shall be scaled to 40 and 60 marks respectively. The sum of these two components shall be considered as the total marks out of 100. The corresponding grade shall then be determined as per the marks-to-grades conversion rules. A 12-week MOOC course can be considered equivalent to 3 credits.

5.11 Dropping of accelarted professional elective courses/ Honor Courses/ Minor Courses:

Within one week after course registration, the student may in-consultation with his / her faculty mentor / HoD, drop from accelerated professional elective courses/ Honor Courses/ Minor Courses.

5.12 Withdrawal from accelarted professional elective courses/ Honor Courses/ Minor Courses:

A student is permitted to withdraw from accelerated professional elective courses/ Honor Courses/ Minor Courses with in one-week after course registration.

5.13 Rules to offer Elective courses

a) An elective course may be offered to the students, only if a minimum of 25% of class strength opts for it.

b) Same elective course for different sections may be offered by different faculty members.The selection of elective course by students will be based on first come first serve and / or CGPA criterion.

c) If the number of students registrations are more than the strength of one section, then it is choice of the concerned Department to offer the same course for more than one section based on the resources available in the department.

6 Credit System

The B.Tech. program shall consist of a number of courses and each course shall be assigned with credits. The curriculum shall comprise Basic Science Courses (BSC), Engineering Courses (ESC), Humanities and Social Courses (HSC), Professional Core Courses (PCC), Professional Elective Courses (PEC), Open Elective Courses (OEC), Laboratory Courses, Mandatory Courses (MC), Skill Development Courses (SDC), Value Added Courses (VAC), Experiential Learning (ExL), Internship, Field Based Project (FBP), Industry Oriented Mini Project / Internship and Project work.

Depending on the complexity and volume of the course, the number of contact periods per week will be assigned. Each theory and laboratory course carries credits based on the number of hours / weeks.

- Contact classes (Theory): 1 credit per lecture or tutorial hour per week.
- Laboratory hours (Practical):1credit for 2 practical hours per week.
- Project work: 1credit for 3 hours of project work per week.
- Experiential Learning (ExL) : 2 credits
- Skill Development Courses (SDC): 1 credit
- Field Based Project (FBP) / Internship: 2 credits
- Industry Oriented Mini Project / Summer Internship: 2 credits
- Mandatory Course (MC): 1 credit
- Value added courses (VAC): No credit is awarded.

Credit distribution for courses offered is given in Table 3.

Table 3: Credit distribution

S.No	Course	Hours	Credits
1	Theory courses	2 / 3 / 4	2 / 3 / 4
2	Professional elective courses / Open elective courses	3	3
3	Laboratory courses	2	1
4	Experiential Learning (ExL)	2	1
5	Skill Development Course		
6	Field Based Project/ Internship	4	2
7	Industry Oriented Mini Project / Summer Internship	4	2
8	Project Work / Full Semester Internship	42	14
9	Mandatory Course		1
10	Value added course	-	0

Major benefits of adopting the credit system are listed below:

- Quantification and uniformity in the listing of courses for all programs at institute, like core, electives and project work.
- Ease of allocation of courses under different heads by using their credits to meet national / international / NEP practices in technical education.
- Wider choice of courses available from any department of the same institute or even from other similar institute, either for credit or for audit.
- Improved facility for students to optimize their learning by availing of transfer of

credits earned by them from one College to another.

7 Curricular Components

Courses in a curriculum may be of three kinds: **Foundation, Core courses, Elective courses, Project core and other courses.**

Every course of the B. Tech program will be placed in one of the below categories with minimum credits as listed in the Table 4.

Table 4: Tentative Category Wise Distribution of Courses

S.No	Broad Course	Broad Course	Broad Course
1	Foundation Courses (FnC)	BS – Basic Sciences	Includes Mathematics, Physics and Chemistry courses
2		ES - Engineering Sciences	Includes Fundamental Engineering Courses
3		HS – Humanities and Social Sciences	Includes courses related to Humanities, Social Sciences and Management
4	Core Courses (CoC)	PC – Professional Core	Includes core courses related to the parent branch of Engineering.
5	Elective Courses (EℓC	PE – Professional Electives	Includes elective courses related to the parent branch of Engineering.
6		OE – Open Electives	Elective courses which include inter-disciplinary courses or courses in an area outside the parent branch of Engineering.
7	Project Core	Project Work/ FSI	B.Tech. Project Work
8	Other Core Courses (OCC)	Industry Training/ Internship/ Industry Oriented Mini-project/Skill Development Courses	Industry Training/ Internship/ Industry Oriented Mini-Project/Skill Development Courses
9	Skill Development Courses (SDC)	-	Courses designed to help individuals gain, improve, or refine specific skills
10	Mandatory Course		
11	Value Added Courses (VAC)/Additional Value Added Coures	-	Courses to build professional values, traditional knowledge and sensitization, (Rewrite) of societal issues

8 Evaluation Methodology

Total marks for each course shall be based on Continuous Internal Assessment (CIA) and Semester End Examinations (SEE). There shall have a uniform pattern of 40:60 for

CIA and SEE of both theory and practical courses. The institute shall conduct multiple continuous internal assessments (CIA) for theory courses. All the performances of a student shall be considered for Continuous Internal Assessment (CIA) marks. CIA is combination of CIE, Quiz and CAT. The distribution of marks is given in Table 5.

Table-5: Outline for Continuous Internal Assessments (CIA-1 and CIA-2) and SEE:

Activities	CIA-1	CIA-2	SEE	Total Marks
Continuous Internal Examination(CIE)	30 marks	30 marks		30 marks
Quiz	05 marks	05 marks		05 marks
Comprehensive Assessment Tool (CAT)	05 marks	05 marks		05 marks
Semester End Examination (SEE)			60 marks	60 marks
Total				100 marks

8.1 Continuous Internal Assessments (CIA-1 and CIA-2)

Assessment is an ongoing process that begins with establishing clear and measurable expected outcomes of student learning, provides students with sufficient opportunities to achieve those outcomes, and concludes with gathering and interpreting evidence to determine how well students' learning matches expectations.

8.1.1 Continuous Internal Examination (CIE)

For theory courses, during a semester, there shall be two mid-term examinations. Each CIE consists of two parts i) Part – A for 10 marks, ii) Part – B for 20 marks, totaling to 30 marks. Total duration of continuous internal examination is two hours.

1. CIE for 30 marks:
   a. Part - A : Objective / Short answer questions for 10 marks, 02 questions from full units and one question from half unit.
   b. Part - B : Descriptive paper for 20 marks, shall contain 6 questions out of which, the student has to answer 4 questions, each carrying 5 marks.

The average of the two CIE's shall be taken as the final marks for CIE (for 30 marks).

While the CIE - I shall be conducted on 50% of the syllabus, the CIE - II shall be conducted on the remaining 50% of the syllabus. Questions will be drawn from the CIE syllabus, ensuring uniform coverage of all topics.

The remaining 10 marks of Continuous Internal Assessment are distributed as follows:

8.1.2 Quiz–Online Examination:

Quiz online exam for 5 marks shall be conducted in online consisting of 50 multiple choice questions and are to be answered by choosing the correct answer from a given set of choices (commonly four). Such a question paper shall be useful in testing of knowledge, skills, application, analysis, evaluation and understanding of the students for CIA-I and CIA-II. Average of the two quiz examinations shall be taken as quiz marks.

8.1.3 Comprehensive Assessment Tool (CAT):

In order to encourage innovative methods while delivering a course, the faculty members are encouraged to use the CAT for 5 marks. This CAT enables faculty to design own assessment patterns during the CIA. The CAT enhances the autonomy (freedom and flexibility) of individual faculty and enables them to create innovative

pedagogical practices. Through this CAT, a classroom can be converted into an effective learning centre. The CAT may include Certificate of completion from Open Coding platforms such as Hacker rank, code chef etc., Tech talk, assignments, term paper, open ended experiments, METE (Modeling and Experimental Tool sin Engineering), Concept video, MOOCs, Inter-institute participation in hackathons etc, Language Proficiency test. However, it is mandatory for a faculty to obtain prior permission from the concerned HOD and spell out the teaching / assessment pattern of the CAT prior to commencement of the semester.

8.1.4 Computer Based Test (CBT) for Continuous Internal Examinations (CIE)

A Computer-Based Test (CBT) in each theory course is available for students who either:

1. Missed one of the two CIE due to unavoidable circumstances, or
2. Attended both CIE but wish to improve their internal marks.

The CBT will be conducted at the end of the semester and will carry a total of 30 marks. The marks obtained in the CBT will be considered equivalent to those obtained in one CIE. Zero marks will be awarded to students who are absent from the CIE. The average of the best two scores from the three exams (the two CIE and one CBT), combined with other internal assessment components, will constitute the Continuous Internal Improvement (CII) marks for that specific course.

8.2 Semester End Examination (SEE)

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

- Part-A is compulsory, consists of five short answer questions covering all units of syllabus; each question carries two marks.
- Part-B consists of five questions carrying 10 marks each. There shall be two questions asked in the question paper from each unit with either-or choice and the student should answer either of the two questions. The student shall answer one question from each of five units.

8.3 Passing Criteria:

To maintain high standards in all aspects of examinations at the institute, the institute shall follow the standards of passing at CIA (CIA-1 and CIA-2) and SEE for each course. However, the student's performance in a course shall be judged by taking into account the results of CIA and SEE individually and also together, as shown below:

a. A minimum of 35% (21 out of 60) of marks to be scored in SEE for passing a course.

b. A minimum of 40% (40 out of 100) of marks in CIA + SEE for passing a course.

8.4 Supplementary examinations

Supplementary examinations for the odd semester shall be conducted with the regular examinations of even semester and vice versa. In case of failure in any course, a student may be permitted to register for the same course when offered.

Advanced supplementary examinations in VIII Semester courses may be conducted for those who failed in any course offered in VIII Semester. It may enable the students to receive their B.Tech. provisional certificate at an early date. Advanced supply examinations may be scheduled within one month period after the declaration of the final semester results.

There shall be no supplementary examination in the successive semester. The students who could not secure any pass grade in advance supplementary examinations have to wait for regular series examination of next batch to write their back-log examination.

8.5 Laboratory Courses

8.5.1 Evaluation methodology of laboratory courses (CIA)

Each laboratory courses there shall be a CIA during the semester for 40 marks and 60 marks for SEE. The 40 marks for internal evaluation marks are awarded as follows:

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

8.5.2 Evaluation methodology of laboratory courses (SEE)

The Semester End Examination for practical courses shall be conducted by an external examiner and the laboratory faculty.The external examiner shall be appointed from the other colleges which will be decided by the Principal.

The Semester End Examination for practical courses held for 3 hours. Total 60 marks are divided and allocated as shown below:

1. 10 marks for write-up
2. 15 marks for experiment/ program
3. 15 marks 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.

For any change of experiment, 5 marks will be deducted from the total of 60 marks. If second time change of experiment is requested, another five marks will be deducted from the 60 marks. No third change will be permitted.

8.5.3. For the subjects like Engineering Drawing and Computer Aided Drafting, Conventional and Computer Aided Machine Drawing, the Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) evaluation pattern is same as for other Lab subjects.

8.6 Induction Program and Bridge Courses:

Induction Program:

Purpose of Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethics and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

The term induction is generally used to describe the whole process whereby the incumbents adjust to or acclimatize to their new roles and environment. In other words, it is a well-planned event to educate the new entrants about the environment in a particular institution, and connect them with the people in it.

Student Induction Program engages with the new students as soon as they come in to the institution; before regular classes start. At the start of the induction, the incumbents learn

about the institutional policies, processes, practices, culture and values, and their mentor groups are formed.

Bridge Courses:

With a view to enhance the comprehension in subjects, we frame bridge courses during induction program to the students. The essentials and funda mentals of Intermediate / Higher secondary level subjects are necessary to understand the subject at an ease and this will lead to a better appreciation of the subject.

Objective

The bridge course aims to act as a buffer for the new entrants with an objective to provide adequate time for the transition to hardcore of degree courses. This gives them a breather, to prepare themselves before the onset of courses for first year programs. During this interaction with the faculty and their classmates the students will be equipped with the knowledge and the confidence needed to take on bigger challenges in future.

The course consists of 10 - 15 Hrs of interactive sessions and an internal examination designed by the respective departments which is compulsory for all students.

The sample bridge courses, as listed below, conducted during the induction program:

SNo	Name of the Bridge Course	Offered Department/Centre
1	Universal Human Values and Ethics (UHVE)	MBA
2	Engineering and Innovations (E&I)	IIC
3	Coding skills	CSE
4	Logical building	CSE
5	Self-introduction/ know your partner	English
6	Applications of Engineering Mathematics	Mathematics
7	Physics	Physics
8	Chemistry	Chemistry

8.7 Value Added Courses (VAC)

Introduction

Value-Added courses are designed to provide necessary skills to increase the employability quotient and equip the students with essential skills to succeed in life.

These courses shall be conducted by experts or in-house staff and help students stand apart from the rest in the job market by adding further value to their career. The majority of these value-added courses will not be specific to any one type of field.

Objectives

Objectives of the value- added course are:

- Provide students an understanding of the expectations of industry.
- Improve employ ability skills of students.
- Bridge the skill gaps and make students industry ready.
- Provide an opportunity to students develop their inter-disciplinary skills.
- Help students to become employers rather than just job seekers.

Designing the Courses

Before designing the syllabus, the feedback from the employers, alumni and industry people will be analyzed and considered to select and design an appropriate course by identifying the gap sand also understand the expectations for current and emerging trends.

- Any new value-added course developed by a department should be placed before the Board of Studies for approval.
- The course offered should not be the same as any course listed in the curriculum of the respective program / or any other program offered in the institute.
- A unique course code is to be given for each course.

Guide lines for conducting value added courses

- Value Added Course is not mandatory to qualify for any program.
- It is a teacher assisted learning course open to all students without any additional fee.
- A student will be permitted to register only one value added course in a semester.

Duration and Venue

- The duration of value-added course should not be less than 30 hours.
- The respective Head of the department shall provide class room/s based on the number of students / batches.

Procedure for Registration:

The list of value-added courses shall be displayed in the department notice boards / web pages along with the syllabus, objectives and outcomes. A student shall register for a value-added course offered during the semester by submitting the duly filled in registration form. The Head of the department shall segregate the list of students enrolled for the value-added course and submit the details to Dean of academics before the start of course.

Passing Requirement and Grading

- The passing requirement for Value Added Courses shall be a minimum of 40% of the marks prescribed for the course. The evaluation shall be based solely on Continuous Internal Assessment (CIA) and the result will be indicated as 'Satisfactory' or 'Non-Satisfactory'.
  Only CIA-II shall be conducted for Value Added Courses.
- The grades obtained in value-added courses will not be included for calculating the CGPA.

Note: Apart from the above, students can also register and get the value-added course completion certificate by registering the courses from SWAYAM, e-PG patashala (NPTEL).

8.8 Experiential Learning (ExL)

Engineering entrepreneurship requires strong technical skills in engineering design and computation with key business skills from marketing to business model generation. Students require sufficient skills to innovate in existing companies or create their own.

This course will be evaluated for a total of 100 marks consisting of 40 marks for internal assessment and 60 marks for semester end Examination. Out of 40 marks of internal assessment, students have to submit Innovative Idea in a team of four members in the given format. The semester end examination for 60 marks shall be conducted internally, students have to present the Innovative Idea and it will be evaluated by internal ExL faculty with at least one faculty member as examiner from the industry, both nominated by the Principal from the panel of experts recommended by the Dean-IIC.

- **ExL- Design Thinking and Ideation / Tinkering:**

  This course creates platform where students experience a hands-on approach to learning about engineering innovations.The course integrates design thinking, innovation principles, and project management skills to guide students through an experiential learning process.

- **ExL-Innovation and Entrepreneurship:**

  This course is designed to provide students with a comprehensive understanding of the processes involved in developing innovative solutions and transforming them into viable prototype and business ventures. Through a combination of theoretical knowledge and hands-on experience, students will learn to identify opportunities, develop and validate ideas, build prototypes with low-fidelity and high-fidelity, and create sustainable business models.Students will undertake small-scale,team-based project work to create fabricated objects that relate to a local industry, organization or community need or opportunity.The course will cover key aspects of innovation, market research, financial planning, and legal considerations.

8.9 Project Work

Students should work as per the guidelines issued by head of the department concerned. The benefits to students of this mode of learning include increased engagement, fostering of critical thinking and greater independence.

Plagiarism index for Project report:

All project reports shall go through the plagiarism check and the plagiarism index has to be less than 20%.Project reports with plagiarism more than 20% and less than 60% shall be asked for resubmission within a stipulated period of six months. Project reports with plagiarism more than 60% shall be rejected.

The topic should be so selected that the students are enabled to complete the work in the stipulated time with the available resources in the respective laboratories. The scope of the work be handling part of the consultancy work, maintenance of the existing equipment, development of new experiment setup or can be a prelude to the main project with a specific outcome.

8.9.1 Industry Oriented Mini Project / Internship

There shall be an Industry Oriented Mini Project / Internship in collaboration with an industry from their specialization. Students shall register immediately after VI Semester Examinations and pursue it during summer vacation. The Industry Oriented Mini Project shall be submitted in a report form and presented before the committee in VII Semester before the semester end examination. It shall be evaluated for 100 internal marks. The committee consists of an Examiner from the industry, Head of the Department, Supervisor of the Industry Oriented Mini Project / Internship, and a Senior Faculty Member of the Department.

8.9.2 Major Project Work:

The major project work shall be initiated at the beginning of the VIII Semester and the duration of the project work is one semester. The student must present in consultation with his/her supervisor, the title, objective and plan of action of his/her Project work to the departmental committee for approval within two weeks from the commencement of VIII Semester. Only after obtaining the approval of the departmental committee, the student can start his/her project work.

8.9.3 Student has to submit project work report at the end of VIII Semester. The project work shall be evaluated for 100 marks. Out of which 40 marks and 60 marks are allocated for CIA and SEE respectively.

8.9.4 For CIA, the Departmental Project Committee (DPC), consisting of Head of the Department, Project Supervisor and a Senior Faculty Member shall evaluate the project work for 40 marks.

The distribution of marks is as follows:

- Objective(s) of the work done - **05** Marks
- Methodology adopted - **15** Marks
- Results and Discussions - **15** Marks
- Conclusions and Outcomes - **05** Marks

Total - **40** Marks

8.9.5 The SEE shall be conducted by the external examiner for a total of **60** marks. It shall comprise the presentation of the work, communication skills, and viva-voce, with a weightage of **20** marks, **15** marks, and **25** marks respectively.

The main outcome of the student project, enable them to experience a research driven career in engineering, while developing a device / systems and publishing in reputed SCI / SCOPUS indexed journals / Conference proceedings and/or filing an Intellectual Property (IPR- Patent / Copyright) to aid communities around the world.

The student is required to comply the above.

The topics for major Project shall be different from the topic of Industry Oriented Mini Project / Internship. The student is deemed to have failed, if he / she (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.

8.9.6 For conducting viva-voce exam of major project work, Principal appoints an external examiner. The external examiner may be selected from the list of experts submitted by the head of the departments.

8.9.7 A student who has failed, may re-appear once for the above evaluation, when it is scheduled again; if student fails in such 'one re-appearance' evaluation also, he/she has to appear for the same in the next subsequent year, as and when it is scheduled.

8.10 Field Based projects / Internship Academic attachment:

The Field Based Projects (FBP) / Internships are mandatory for the students admitted from the academic year 2025-26 onwards. It is spread over from II semester to VI semester.

Field Based Project: Field based project (FBP) integrates theory and practice by providing students with an opportunity to work on real-world challenges. It can be used to learn about the functioning and manufacturing procedures of a factory. Besides this, student can also learn about the geographical factors of the region for the specific products /equipment.

Internship is an integral part of the academic curriculum; it is a learning activity in which a student fortifies and deepens his/her theoretical knowledge and skills attained in the classrooms by integrating with practical activities. It offers the students an opportunity to gain hands-on industrial or organizational exposure; to integrate the knowledge and skills acquired through the coursework; interact with professionals and other interns; and to improve their presentation, writing, and communication skills. Internship often acts as a gateway for final placement for many students.

Table7: Possibilityof availing opportunities during semester breaks.

Schedule	Duration(Min.)	Type
At the end of II semester / Before commencement of III Semester	4 Weeks	Internship - I
At the end of IV semester / Before commencement of V Semester	4 Weeks	Field Based Project
At the end of VI semester / Before commencement of VII Semester	4 Weeks	Internship - II

Evaluation Methodology of Field Based Project / Internships:

The evaluation of the field based project / Internship-II will be done during the subsequent semester. The students have to submit a detailed report of field based project / Internship-II with geo-tagged photographs. The Department Project Committee (DPC) will evaluate the field based project / Internship-II for 100 internal marks. If students get less than 40 marks, reports need to be re- submit in the respective department once again for evaluation till the report is satisfactory.

The evaluation for internship-I will be done by Department Project Committee (DPC) with 'Satisfactory' or "Non-Satifactory'.

8.12. Full semester Internship (FSI)

FSI is a full semester internship program carry 14 credits. The FSI shall be opted in VIIIsemester only. Students who have completed professional elective-V and professional elective-VI through MOOCS/NPTEL through early registration only allowed to do Full Semester Internship.During the FSI, student has to spend one full semester in an identified industry / firm / R&D organization or another academic institution/University where sufficient facilities exist to carry out the project work.
Following are the evaluation guidelines:

- Quizzes: 2 times
- Quiz #1 - About the industry profile, weightage: 5%
- Quiz #2 - Technical-project related, weightage: 5%
- Seminars - 2 times (once in six weeks), weightage: 7.5% + 7.5%
- Viva-voce: 2 times (once in six weeks), weightage: 7.5% + 7.5%
- Project Report, weightage: 15%
- Internship Diary, weightage: 5 %
- Final Presentation, weightage: 40%

FSI shall be open to all the branches with a ceiling of maximum 10% distributed in bothsemesters. The selection procedure is:

- Choice of the students
- CGPA (> 7.5) upto IV semester having no credit arrears.
- Competency Mapping / Allotment.

It is recommended that the FSI Project work leads to a research publication in a reputed Journal/Conference or the filing of patent/design with the patent office, or the start-up initiative with a sustainable and viable business model accepted by the incubation center of the institute together with the formal registration of thestartup.

9 Attendance Requirements and Detention Policy

9.1 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 courses. For that

semester. **Two periods** of attendance for each theory course shall be considered, if the student appears for the continuous internal examination of that course.

9.2 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.

9.3 A stipulated fee shall be payable for condoning of short age of attendance.

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

9.5 Students whose shortage of attendance is not condoned in any semester are not eligible to take their semester 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 courses 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 program 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 courses offered under that category.

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

9.7 A student detained in a semester due to short age 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.

9.8 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.

10 Conduct of Semester End Examinations and Evaluation

10.1 Semester end examination shall be conducted by the Controller of Examinations (COE) by inviting question papers from the external examiners.

10.2 COE shall invite 3 - 9 internal / external examiners to evaluate all the semester end examination answer books on a prescribed date(s). Practical laboratory examinations are conducted by involving external examiners.

10.3 Examinations control office shall consolidate the marks awarded by examiner/s and award the grades.

11 Scheme for the Award of Grade

11.1 A student shall be deemed to have satisfied the minimum academic requirements and earn the credits for each theory course, if s/he secures,

a. Not less than 35% marks for each theory course in the semester end examination, and

b. A minimum of 40% marks for each theory course considering Continuous Internal Assessment (CIA) and Semester End Examination (SEE).

11.2 A student shall be deemed to have satisfied the minimum academic requirements and earn the credits for each Laboratory / Project work, if s/he secures,

a. Not less than 40% marks for each Laboratory / Project work / Internship/ Field Based Project course in the semester end examination,

b. A minimum of 40% marks for each Laboratory / Project work / Internship/ Field Based Project work course considering both internal and semester end examination.

11.3 If a candidate fails to secure a pass in a particular course, it is mandatory that s/he shall register and reappear for the examination in that course during the next semester when examination is conducted in that course. It is mandatory that s/he should continue to register and reappear for the examination till s/he secures a pass.

11.4 A student shall be declared successful or 'passed' in a semester, if he secures a Grade Point ≥ 5 ('C' grade or above) in every course in that semester (i.e. when the student gets an SGPA ≥5.0 at the end of that particular semester); and s/he shall be declared successful or 'passed' in the entire undergraduate program, only when gets a CGPA ≥5.0 for the award of the degree as required.

12 Letter Grade sand Grade Points

12.1 Performances of students in each course are expressed in terms of marks as well as in Letter Grades based on absolute grading system. The UGC recommends a 10-point grading system with the following letter grades as given in the Table 8.

Table-8: Grade Points Scale (Absolute Grading)

%of Marks Secured in a Course(Class Intervals)	Letter Grade	Grade Point
Greater than or equal to 90%	O(Outstanding)	10
80 and less than 90%	A+(Excellent)	9
70 and less than80%	A(Very Good)	8
60 and less than70%	B+(Good)	7
50 and less than60%	B(Average)	6
40 and less than50%	C(Pass)	5
Below 40%	F (Fail)	0
Absent	AB(Absent)	0

12.2 A student is deemed to have passed and acquired to correspondent credits in particular course if s/he obtains any one of the following grades: "O", "A+", "A", "B+", "B", "C".

12.3 A student obtaining Grade F shall be considered Failed and will be required to reappear in the examination.

12.4 At the end of each semester, the institute issues grade sheet indicating the SGPA and CGPA of the student. However, grade sheet will not be issued to the student if s/he has any outstanding dues.

Table 09: Percentage Equivalence of Grade Points (for a 10–Point Scale)

Grade Point	Percentage of Marks/ Class
5.5	50
6.0	55
6.5	60
7.0	65
7.5	70
8.0	75

Note:

1) The following Formula for Conversion of CGPA to percentage of marks to be used only after a student has successfully completed the program:

Percentage of Marks= $(CGPA - 0.5) \times 10$

2) The SGPA will be computed and printed on the Memorandum of Grades only if the candidate passes in all the courses offered and gets minimum C grade in all the courses.
3) CGPA is calculated only when the candidate passes in all the courses offered in all the semesters.

13 Computation of SGPA and CGPA

The UGC recommends to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). The credit points earned by a student are used for calculating the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA), both of which are important performance indices of the student. SGPA is equal to the sum of all the total points earned by the student in a given semester divided by the number of credits registered by the student in that semester. CGPA gives the sum of all the total points earned in all the previous semesters and the current semester divided by the number of credits registered in all these semesters. Thus,

$$SGPA = \sum_{i=1}^{n} (C_i G_i) / \sum_{i=1}^{n} C_i$$

Where, C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course and n represent the number of courses in which a student is registered in the concerned semester.

$$CGPA = \sum_{j=1}^{m} (C_j S_j) / \sum_{j=1}^{m} C_j$$

Where, S_j is the SGPA of the j^{th} semester and C_j is the total number of credits upto the semester and m represent the number of semesters completed in which a student registered up to the semester. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

14 Illustration of Computation of SGPA and CGPA

14.1 Illustration for SGPA

Course Name	Course Credits	Grade letter	Grade point	Credit Point (Creditx Grade)
Course1	4	A	8	4 x 8 = 32
Course2	4	O	10	4x10=40
Course3	4	C	5	4 x 5 = 20
Course4	3	B	6	3 x 6 = 18
Course5	3	A+	9	3 x 9 = 27
Course6	3	C	5	3 x 5 = 15
	21			**152**

Thus, SGPA=152/ 21= 7.24

14.2 Illustration for calculation of CGPA up to 3rd semester

Semester	Course Title	Credits Allotted	Letter Grade Secured	Corresponding Grade Point(GP)	Credit Points(CP)
I	Course1	3	A	8	24
I	Course2	3	O	10	30

I	Course3	3	B	6	18
I	Course4	4	A	8	32
I	Course5	3	A+	9	27
I	Course6	4	C	5	20
II	Course7	4	B	6	24
II	Course8	4	A	8	32
II	Course9	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 Credits**	**518**

Thus, CGPA= 518/ 69=7.51

- The calculation process of CGPA illustrated above will be followed for each subsequent semester until8th semester. The CGPA obtained at the end of 8th semester will become the final CGPA secured for entire B. Tech. program.
- For merit ranking or comparison purposes or any other listing, only the rounded off' values of the CGPAs will be used.
- SGPA and CGPA of a semester will be mentioned in the semester Memorandum of Grades if all courses 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 s/he passed his last exam in that semester. However, mandatory courses will not be taken into consideration.

15 Review of SEE Theory Answer Books

15.1 Examinations control office will take care custodian of SEE Theory and Laboratory answer books.

16 Promotion Policies

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no. 9.

The Credit promotion policy will be on par with the guidelines of affiliated university time to time.

16.1 For students admitted in to B. Tech (Regular) program

16.1.1 A student will not be promoted from II semester to III semester unless/ he fulfills the academic requirement of securing 25% of the total credits (rounded to the next lowest integer) upto II semester examinations, whether the candidate takes the examination(s) or not.

16.1.2 A student will not be promoted from IV semester to V semester unless s/he fulfills the academic requirement of securing 25% of the total credits (rounded to the next lowest

integer) up to IV semester, from all the examinations, whether the candidate takes the examination(s) or not.

16.1.3 A student shall be promoted from VI semester to VII semester only if s/he fulfills the attendance requirements.

16.1.4 A student shall register for all the 164 credits and earn all the 160 credits. Marks obtained in all the 160 credits shall be considered for the award of the Grade.

16.2 For students admitted in to B. Tech (Lateral entry students)

16.2.1 A student will not be promoted from IV semester to V semester unless s/he fulfills the academic requirement of securing 25% of the total credits (rounded to the next lowest integer) up to IV semester, from all the examinations, whether the candidate takes the examination(s) or not.

16.2.2 A student shall be promoted from VI semester to VII semester only if s/he fulfills the attendance requirements.

16.2.3 A student shall register for all the 123/124 credits and earn all the 120 credits. Marks obtained in all the 120 credits shall be considered for the award of the Grade**.**

17 Graduation Requirements

The following academic requirements shall be met for the award of the B. Tech degree.

17.1 Student shall register and acquire minimum attendance in all courses and secure160 credits out of 164 credits (with minimum CGPA of 5.0), for regular program and 120 credits out of 123/124 credits(with minimum CGPA of 5.0), for lateral entry program.

17.2 A student of a regular program, who fails to earn 160 credits out of 164 credits within **eight consecutive academic years** from the year of his/her admission with a minimum CGPA of 5.0, shall forfeit his/her degree and his/her admission stands cancelled**.**

17.3 A student of a lateral entry program who fails to earn 120 credits out of 123/124 credits within **six consecutive academic years** from the year of his/her admission with a minimum CGPA of 5.0, shall forfeit his/her degree and his/her admission stands cancelled.

17.4 Must successfully complete Minimum two (2) certificate courses in discipline domain areas, in addition to one from yoga / sports & games / fine arts.

17.5 Must successfully complete Social Internship and Technical Internship.

17.6 Must successfully complete the Mandatory course as mentioned in the program structure.

17.7 Must have finished all the above-mentioned requirements in less than twice the period mentioned in the Academic structure for each program, which includes deceleration period chosen by the student, deceleration imposed by MLRITM or debarred from the MLRITM.

18 Award of Degree

18.1 Classification of degree will be as follows:

CGPA ≥ 7.5	CGPA ≥ 6.5 and < 7.5	CGPA ≥ 5.5 and < 6.5	CGPA ≥ 5.0 and < 5.5	CGPA < 5.0
First Class with Distinction	First Class	Second Class	Pass Class	Fail

18.2 A student with final CGPA (at the end of the under graduate program) ≥7.5, and fulfilling the following conditions-shall be placed in '**first class with distinction'**. However,

a. Should have passed all the courses in '**first appearance'** within the first 4 academic years (or 8 sequential semesters) from the date of commencement of first semester.
b. Should have secured CGPA≥7.5, at the end of each of the 8 sequential semesters, starting from first semester onwards.
c. Should not have been detained or prevented from writing the semester end examinations in any semester due to short age of attendance or any other reason.
d. A student not fulfilling any of the above conditions with final CGPA ≥7.5 shall be placed in 'first class'.

18.3 Students with final CGPA (at the end of the B. Tech program)≥ 6.5 but< 7.5 shall be placed in **'first class'**.

18.4 Students with final CGPA (at the end of the B. Tech program) ≥5.5 but <6.5, shall be placed in '**second class'**.

18.5 All other students who qualify for the award of the degree (as per item 18), with final CGPA (at the end of the B. Tech program) ≥ 5.0 but < 5.5, shall be placed in '**pass class**'.

18.6 A student with final CGPA (at the end of the B. Tech program) <5.0will not be eligible for the award of the degree.

18.7 Students fulfilling the conditions listed under item 18.2 alone will be eligible for Award of '**Gold Medal**'.

All the candidates who register for the semester end examination will be issued a memorandum of grades sheet by the institute. Apart from the semester wise memorandum of grades sheet, the institute will issue the provisional certificate and consolidated grades memorandum course to the fulfillment of all the academic requirements.

19 B. Tech with Honours/Minor in Engineering

Students acquiring 160 credits out of 164 credits for regular and 120 credits out of 123/124 credits for lateral entry are eligible to get B.Tech. degree in Engineering. A student will be eligible to get B.Tech. degree with Honours/Minor in Engineering, if s/he completes an additional 20/18 credits. These could be acquired through MOOCs from SWAYAM / NPTEL or offered by concerned departments only. The list for MOOCs will be a dynamic one, as new courses are added from time to time. Few essential skill sets required for employability are also identified year wise. Students interested in doing MOOC courses shall register the course title at their department office at the start of the semester against the courses that are announced by the department. Any expense incurred for the MOOC course / summer program should be met by the students.

Students having no credit arrears and a CGPA of 7.0 or above at the end of the fourth semester are eligible to register for B. Tech (Honours / Minor). After registering for the B. Tech (Honours / Minor) program, if a student fails in any course, s/he will not be eligible for B. Tech (Honours / Minor).

Every department should develop and submit a Honours / Minor – courses list of 5 - 6 theory courses, laboratory and project work.

Honours Certificate for Vertical in his/her OWN Branch for Research

orientation; Minor in any other branch for Improving Employability.

Honours will be reflected in the degree certificate as "B. Tech (Honours) in XYZ Engineering". Similarly, Minor as "B. Tech in XYZ Engineering with Minor in ABC".

19.1 B. Tech with Honours

The key objectives of offering B. Tech. with Honours program are:

- To expand the domain knowledge of the students laterally and vertically.
- To increase the employ ability of undergraduate students with expanded knowledge in one of the core engineering disciplines.
- To provide an opportunity to students to pursue their higher studies in widerrange of specializations.

Academic Regulations for B. Tech .Honours degree

1. The weekly instruction hours, internal and external evaluation and award of grades are on par with regular 4-Years B. Tech. program.
2. For B. Tech with Honours program, a student needs to earn additional 20 credits(over and above the required 160 credits for B. Tech degree). All these 20 credits required to be attained for B. Tech Honours degree credits are distributed from V semester to VIII semester.
3. After registering for the Honours program, if a student is unable to pass all courses in first attempt and earn the required 20 credits, he/she shall not be awarded Honours degree. However, if the student earns all the required 160 credits of B. Tech., he/she will be awarded only B. Tech degree in the concerned branch.
4. There is no transfer of credits from courses of Honours program to regular B. Tech. degree course & vice versa.
5. These **20 credits** are to be earned from the additional courses offered by the host department in the institute or from closely related departments in the institute as well as from the MOOCS platform (NPTEL only).
6. The choice to opt/take the Honours program is purely on the choice of the students.
7. The student shall be given a choice of withdrawing all the courses registered and/or the credits earned for Honours program at any time; and in that case the student will be awarded only B. Tech. degree in the concerned branch on earning the required credits of 160.
8. The students of every branch can choose Honours program in their respective branches if they are eligible for the Honours program. A student who chooses an **Honours program is not eligible to choose a Minor program and vice-versa.**
9. A student can graduate with Honours if he/she fulfills the requirements for his/her regular B. Tech. program as well as fulfills the requirements for Honours program.
10. The institute shall maintain a record of students registered and pursuing their Honours programs branch-wise.
11. The department shall prepare the time-tables for each Honours program offered at their respective departments without any overlap/clash with other courses of study in the respective semesters.

Eligibility conditions of the students for the B. Tech Honours degree

a) A student can opt for B. Tech. degree with Honours, if she/he passed all courses in

first attempt in all the semesters till the results announced and maintaining 7.0 or more CGPA.

b) If a student fails in any registered course of either B. Tech or Honours in any semester of four years program, he/she will not be eligible for obtaining Honours degree.

c) Prior approval of mentor and Head of the Department for the enrolment into Honours program, before commencement of V Semester, is mandatory.

d) If more than 30% of the students in a branch fulfill the eligibility criteria (as stated above),the number of students given eligibility should be limited to 30%. The criteria to be followed for choosing 30% candidates in a branch maybe the CGPA secured by the students till IV semester.

e) Successful completion of 20 credits earmarked for Honours program with at least 7.0 CGPA along with successful completion of 160 credits earmarked for regular B. Tech. Program with at least 7.0 CGPA and passing all courses gives the eligibility for the award of B. Tech (Honours) degree.

f) For CGPA calculation of B. Tech. course, the 20 credits of Honours program will not be considered.

19.2 B. Tech with Minor in Engineering

The key objectives of offering B. Tech with Minor program are:

- To expand the domain knowledge of the students in one of the other branches of engineering.
- To increase the employability of undergraduate students keeping in view of better opportunity in inter disciplinary areas of engineering & technology.
- To provide an opportunity to students to pursue their higher studies in the inter-disciplinary areas in addition to their own branch of study.
- To offer the knowledge in the areas which are identified as emerging technologies/thrust areas of Engineering.

Advantages of Minor in Engineering

The minors mentioned above are having lots of advantages and a few are listed below:

- To enable students to pursue allied academic interest in contemporary areas.
- To provide an academic mechanism for fulfilling multidisciplinary demands of industries.
- To provide effective yet flexible options for students to achieve basic to intermediate level competence in the Minor area.
- Provides an opportunity to students to become entrepreneurs and leaders by taking business / management minor.
- Combination in the diverse fields of engineering e.g., CSE (Major) + Electronics (Minor) combination increases placement prospects in chip designing companies.
- Provides an opportunity for applicants to pursue higher studies in an inter-disciplinary field of study.
- To increase the over all scope of the under graduate degrees.

Academic Regulations for B. Tech Degree with Minor programs

1. The weekly instruction hours, internal & external evaluation and award of grades

are on par with regular 4-Years B. Tech. program.

2. For B. Tech. with Minor, a student needs to earn additional 18 credits (over and above the required 160 credits for B. Tech degree).The courses are offered from V semester to VIII semester only, to obtain minor degree students required to obtain 18 credits.
3. After registering for the Minor program, if a student is unable to earn all the required 18 credits in a specified duration (twice the duration of the course), he/she shall not be awarded Minor degree. However, if the student earns all the required 160 credits of B.Tech, he/she will be awarded only B. Tech degree in the concerned branch.
4. There is no transfer of credits from Minor program courses to regular B.Tech. degree course & vice versa.
5. These 18 credits are to be earned from the additional courses offered by the host department in the institute as well as from the MOOCs platform.
6. For the course selected under MOOCs platform (NPTEL) following guidelines may be followed:
   a) Prior to registration of MOOCs courses, formal approval of the courses, by the institute is essential, before the issue of approval considers the parameters like the institute/agency which is offering the course, syllabus, credits, duration of the program and mode of evaluation etc.
   b) Minimum credits for MOOCs course must be equal to or more than the credits specified in the Minor course structure provided by the institute.
   c) Only Pass- grade/ marks or above shall be considered for inclusion of grades in minor grade memo.
   d) Any expenses incurred for the MOOCs courses are to be met by the students only.
7. The choice to opt /take a Minor program is purely on the choice of the students.
8. The student shall be given a choice of with drawing all the courses registered and / or the credits earned for Minor program at any time; and in that case the student will be awarded only B. Tech. degree in the concerned branch on earning the required credits of 160.
9. The student can choose only one Minor program along with his / her basic engineering degree. A student who chooses an **Honours program is not eligible to choose a Minor program and vice- versa.**
10. The institute shall maintain a record of students registered and pursuing their Minor programs, minor program-wise and parent branch-wise.
11. The institute / department shall prepare the time-tables for each Minor course offered at their respective institutes without any overlap/clash with other courses of study in the respective semesters.

Eligibility conditions for the student to register for Minor course

a) A student can opt for B. Tech. degree with Minor program if she/he has no active backlogs till III semester at the time of entering into V semester.

b) Prior approval of mentor and Head of the Department for the enrolment in to Minor program, before commencement of V Semester, is mandatory.

c) If more than 50% of the students in a branch fulfill the eligibility criteria (as stated above), the number of students given eligibility should be limited to 50%.

Following are the details of Honor and Minor courses which are offered by various

Departments

S NO	Department	Honors	Minors
1	CIVIL	Structural Engineering	Environmental Engineering
2	ME	Mechatronics	Robotics and Automation, Defense Technology (AICTE Sponsored)
3	ECE	VLSI Design	IOT
4	EEE	Electric Vehicles	Renewable Energy Systems
5	CSE	Cyber Security	Cloud Computing
6	CSM	AIML	Data Science
7	CSD	Data Science	AIML
8	MBA	--	Innovation and Entrepreneurship
9	H&S	---	Quantum Computing

20 Multiple Entry Multiple Exit Scheme (MEME)

Exit Option after Second Year:

Students enrolled in the 4-Year B.Tech. program are permitted to exit the program after Successful completion of the IV Semester. The students who desire to exit after the II year shall formally inform the exit plan one semester in advance i.e. at the commencement of II Year II Semester itself. Such students need to fulfil the additional requirements

21 Temporary Break of Study from the Program

21.1 A candidate is normally not permitted to take a break from the study. However, if a candidate intends to temporarily discontinue the program in the middle for validreasons(such as accident or hospitalization due to prolonged ill health) and to rejoin the program in a later respective semester, s/he shall seek the approval from the Principal in advance. Such application shall be submitted before the last date for payment of examination fee of the semester and forwarded through the Head of the Department stating the reasons for such withdrawal together with supporting documents and endorsement of his / her parent / guardian.

21.2 The institute shall examine such an application and if it finds the case to be genuine, it may permit the student to temporarily withdraw from the program. Such permission is accorded only to those who do not have any outstanding dues / demand at the College / University level including tuition fees, any other fees, library materials etc.

21.3 The candidate has to rejoin the program after the break from the commencement of the respective semester as and when it is offered.

21.4 The total period for completion of the program reckoned from the commencement of the semester to which the candidate was first admitted shall not exceed the maximum period specified in clause 17. The maximum period includes the break period.

21.5 If any candidate is detained for any reason, the period of detention shall not be considered as 'Break of Study'.

22 Termination from the Program

The admission of a student to the program may be terminated and the student is asked to leave the institute in the following circumstances:

a. The student fails to satisfy there quirements of the program with in the maximum

period stipulated for that program.

b. A student shall not be permitted to study any semester more than three times during the entire program of study.
c. The student fails to satisfy the norms of discipline specified by the institute from time to time.

23 With-holding of Results

If the candidate has not paid any dues to the institute / if any case of indiscipline / malpractice is pending against him, the results and the degree of the candidate will be withheld.

24 Graduation Day

The institute shall have its own annual Graduation Day for the award of degrees to the students completing the prescribed academic requirements in each case, in consultation with the University and by following the provisions in the Statute. The college shall institute prizes and medals to meritorious students and award them annually at the Graduation Day. This will greatly encourage the students to strive for excellence in their academic work.

25 Discipline

Every student is required to observe discipline and decorum both inside and outside the institute and are expected not to indulge in any activity which will tend to bring down the honour of the institute. If a student indulges in malpractice in any of the theory / practical examination, continuous assessment examinations, he/she shall be liable for punitive action as prescribed by the institute from time to time.

26 Grievance Redressal Committee

The Grievance Redressal Committee is formed with senior professors of the college and committee will take care of Grievances of all stake holders in the college.

27 Transitory Regulations

A candidate, who is detained or has discontinued a semester, on readmission shall be required to do all the courses in the curriculum prescribed for the batch of students in which the student joins subsequently. However, exemption will be given to those candidates who have already passed such courses in the earlier semester(s) he was originally admitted into and substitute courses were offered in place of them as decided by the Board of Studies. However, the decision of the Board of Studies will be final.

a) Transfer candidates (from non-autonomous college affiliated to JNTUH):

A student who is following JNTUH curriculum, transferred from other college to this institute in third semester or subsequent semesters shall join with the autonomous batch in the appropriate semester. Such candidates shall be required to pass in all the courses in the program prescribed by the Board of Studies concerned for that batch of students from that semester onwards to be eligible for the award of degree. However, exemption will be given in the courses of the semester(s) of the batch which he/she had passed earlier and substitute courses are offered in their place as decided by the Board of Studies. The student has to clear all his backlog courses up to previous semester by appearing for the supplementary examinations conducted by JNTUH for the award of degree. The total number of credits to be secured for the award of the degree will be the

sum of the credits up to the previous semester under JNTUH regulations and the credits prescribed for the semester in which a candidate joined after transfer and subsequent semesters under the autonomous status. The class will be awarded based on the academic performance of a student in the autonomous pattern.

b) Transfer candidates (from an autonomous college affiliated to JNTUH):

A student who has secured the required credits up to previous semester as per the regulations of other autonomous institutions shall also be permitted to be transferred to this institute. A student who is transferred from the other autonomous colleges to this institute in third semester or subsequent semesters shall join with the autonomous batch in the appropriate semester. Such candidates shall be required to pass in all the courses in the program prescribed by the Board of Studies concerned for that batch of students from that semester onwards to be eligible for the award of degree. However, exemption will be given in the courses of the semester(s) of the batch which he/she had passed earlier and substitute courses are offered in their place as decided by the Board of Studies. The total number of credits to be secured for the award of the degree will be the sum of the credits up to previous semester as per the regulations of the college from which he is transferred and the credits prescribed for the semester in which a candidate joined after transfer and subsequent semesters under the autonomous status. The class will be awarded based on the academic performance of a student in the autonomous pattern.

c) Readmission from R18/R19/R20/R22/R24 to BT25 regulations

A student took admission in R18/R19/R20/R22/R24 Regulations, detained due to lack of required number of credits or shortage of attendance at the end of any semester is permitted to take re-admission at appropriate level under any regulations prevailing in the institute course to the following rules and regulations.

1. Student shall pass all the courses in the earlier scheme of regulations. However ,in case of having backlog courses, they shall be cleared by appearing for supplementary examinations conducted under earlier regulations from time to time.
2. After readmission, the student is required to study the courses as prescribed in the new regulations for the re-admitted program at that level and thereafter.
3. If the student has already passed any course(s) of readmitted program in the earlier regulation / semester of study, such courses are exempted.
4. The courses that are not done in the earlier regulations / semester as compared need to be cleared after readmission by appearing for the examinations conducted time to time under the new regulations.
5. In general, after transition, course composition and number of credits / semesters shall be balanced between old and new regulations on case-to-case basis.
6. In case, the students who do not have option of acquiring required credits with the existing courses offered as per the new curriculum under autonomy, credit balance can be achieved by clearing the additional courses offered. The additional courses that are offered can be of theory or laboratory courses.
7. Look Up Table of equivalence courses

   A lookup table will be provided for the benefit of students and Principals. This lookup table will include all the courses to be registered by students who have been re-admitted under the BT-25 Academic Regulations from the R24/R-22 Academic Regulations. Separate lookup tables will be provided for the following categories of students:

   1. Students re-admitted into the II Semester of the BT-25 Regulations

2. Students re-admitted into the II I Semester of the BT-25 Regulations
3. Students re-admitted into the IV Semester of the BT-25 Regulations
4. Students re-admitted into the V Semester of the BT-25 Regulations
5. Students re-admitted into the VI Semester of the BT-25 Regulations
6. Students re-admitted into the VII Semester of the BT-25 Regulations
7. Students re-admitted into the VIII Semester of the BT-25 Regulations

For every B.Tech. branch there shall be separate set of seven lookup tables.

28 Revision of Regulations and Curriculum

The Institute from time to time may revise, amend or change the regulations, scheme of examinations and syllabi if found necessary and on approval by the BOS, Academic Council and the Governing Body shall be binding on the stake holders of the Institute and others concerned.

29 Frequently asked Questions and Answers about autonomy

1.Who grants Autonomy? UGC, Govt., AICTE or University

In case of Colleges affiliated to a university and where statutes for grant of autonomy are ready, it is the respective University that finally grants autonomy but only after concurrence from the respective state Government as well as UGC. The State Government has its own powers to grant autonomy directly to Govt. and Govt. aided Colleges.

2 Shall MLRITM award its own Degrees?

No. Degree will be awarded by Jawaharlal Nehru Technological University, Hyderabad with a mention of the name MLRITM on the Degree Certificate.

3 What is the difference between a Deemed University and an Autonomy College?

A Deemed University is fully autonomous to the extent of awarding its own Degree. A Deemed University is usually a Non-Affiliating version of a University and has similar responsibilities like any University. An Autonomous College enjoys Academic Autonomy alone. The University to which an autonomous college is affiliated will have checks on the performance of the autonomous college.

4 How will the Foreign Universities or other stake – holders know that we are an Autonomous College?

Autonomous status, once declared, shall be accepted by all the stake holders. The Govt. of Telangana mentions autonomous status during the First Year admission procedure. Foreign Universities and Indian Industries will know our status through our website.

5 What is the change of Status for Students and Teachers if we become Autonomous?

An autonomous college carries a prestigious image. Autonomy is actually earned out of our continued past efforts on academic performances, our capability of self- governance and the kind of quality education we offer.

6 Who will check whether the academic standard is maintained / improved after Autonomy? How will it be checked?

There is a built-in mechanism in the autonomous working for this purpose. An Internal Committee called Internal Quality Assurance Committee, which will keep a watch on the academics and keep its reports and recommendations every year. In addition, the highest academic council also supervises the academic matters. The standards of our question papers, the regularity of academic calendar, attendance of students, speed and transparency of result declaration and such other parameters are involved in this process.

7 Will the students of MLRITM as an Autonomous College qualify for University Medals and Prizes for academic excellence?

No. MLRITM has instituted its own awards, medals, etc. for the academic performance of the students. However, for all other events like sports, cultural on co-curricular organized by the University the students shall qualify.

8 Can MLRITM have its own Convocation?

No. Since the University awards the degree the convocation will be that of the University, but there will be Graduation Day at MLRITM.

9 Can MLRITM give a provisional degree certificate?

Since the examinations are conducted by MLRITM and the results are also declared by MLRITM, the college sends a list of successful candidates with their final Grades and Grade Point Averages including CGPA to the affiliating university. Therefore, with the prior permission of the university the institute will be entitled to give the provisional certificate.

10 Will Academic Autonomy make a positive impact on the Placements or Employability?

Certainly. The number of students qualifying for placement interviews is expected to improve, due to rigorous and repetitive classroom teaching and continuous assessment. Also, the autonomous status is more responsive to the needs of the industry. As a result, therefore, there will be a lot of scope for industry- oriented skill development built-in into the system. The graduates from an autonomous college will therefore represent better employability.

11 What is the proportion of Internal and External Assessment as an Autonomous College? Presently, it is 60% external and 40% internal. As the autonomy matures the internal assessment component shall be increased at the cost of external assessment.

12 Is it possible to have complete Internal Assessment for Theory or Practical?

Yes indeed. We define our own system. We have the academic flexibility to keep the proportion of external and internal assessment component to choose.

13 Why Credit based Grade System?

The credit- based grade system is an accepted standard of academic performance in the world over in all Universities. The acceptability of our graduates in the world market shall improve.

14 What exactly is a Credit based Grade System?

The credit-based grade system defines a much better statistical way of judging the academic performance. One Lecture Hour per week of Teaching Learning process is assigned One Credit. One hour of laboratory work is assigned half credit. Letter Grades like A, B, C, D etc. are assigned for a range of marks (e.g. 91% and above is O, 81 to 90 % could be A+ etc.), in Absolute Grading System while grades are awarded by statistical analysis in relative grading system. We thus dispense with sharp numerical boundaries. Secondly, the grades are associated with defined Grade Points in the scale of 1 to 10. Weighted Average of Grade Points is also defined Grade Points are weighted by Credit sand averaged over total credits in a Semester. This process is repeated for all Semesters and CGPA defines the Final Academic Performance.

15 What are the norms for the number of Credits per Semester and total number of Credits for UG/PG program?

These norms are usually defined by UGC or AICTE. Usually around 25 Credits per semester is the accepted norm.

16 What is a Semester Grade Point Average (SGPA)?

The performance of a student in a semester is indicated by a number called SGPA. The SGPA is the weighted average of the grade points obtained in all the courses registered by the student during the semester.

$$SGPA = \sum_{i=1}^{n}(CiGi) / \sum_{i=1}^{n} Ci$$

Where, Ci is the number of credits of the i[th] course and Gi is the grade point scored by the student in the i[th] course and I represent the number of courses in which a student registered in the concerned semester. SGPA is rounded to two decimal places.

17 What is a Cumulative Grade Point Average (CGPA)?

An up-to-date assessment of overall performance of a student from the time of his first registration is obtained by calculating a number called CGPA, which is weighted average of the grade points obtained in all the courses registered by the students since he entered the Institute.

$$CGPA = \sum_{j=1}^{m}(C_j S_j) / \sum_{j=1}^{m} C_j$$

Where, Sj is the SGPA of the jth semester and Cj is the total number of credits upto the semester and m represent the number of semesters completed in which a student registered upto the semester. CGPA is rounded to two decimal places.

18 Is there any Software available for calculating Grade point averages and converting the same into Grades?

Yes, The institute has its own ERP software for calculation of SGPA, CGPA, etc.

19 Will the teacher be required to do the job of calculating SGPAs etc. and convert the same into Grades?

No.The teacher has to give marks obtained out of what ever maximum marks asitis. Rest is all done by the computer.

20 Will there be any Revaluation or Re- Examination System?

No. There will double valuation of answer scripts. There will be a makeup Examination after a reasonable preparation time after the End Semester Examination for specific cases mentioned in the Rules and Regulations.

21 How fast Syllabi can be and should be changed?

Autonomy allows us the freedom to change the syllabi as often as we need.

22 Will the Degree be awarded on the basis of only final year performance?

No. The CGPA will reflect the average performance of all the semesters taken together.

23 What are Statutory Academic Bodies?

Governing Body, Academic Council, Finance Committee, Board of Studies and Examination Committee are the different statutory bodies. The participation of external

members in everybody is compulsory. The institute has nominated professors from IIT, NIT, University and also the reputed industrialist and industry experts on these bodies.

24 Who takes Decisions on Academic matters?

The Governing Body of institute is the top academic body and is responsible for all the academic decisions. Many decisions are also taken at the lower level like Boards of Studies. Decisions taken at the Board of Studies level are to be ratified at the Academic Council and Governing Body.

25 What is the role of Examination committee?

The Examinations Committee is responsible for the smooth conduct of internal, End Semester and make up Examinations. All matters involving the conduct of examinations spot valuations, tabulations, preparation of Grade Sheet etc. fall within the duties of the Examination Committee.

26 Is there any mechanism for Grievance Redressal?

The institute has grievance redressal committee with proper constitution.

27 How many attempts are permitted for obtaining degree?

All such matters are defined in Rules & Regulation.

28 Who declares the result?

The result declaration process is also defined. After tabulation work wherein the SGPA, CGPA and final Grades are ready, the entire result is reviewed by the Moderation Committee. Any unusual deviations or gross level discrepancies are deliberated and removed. The entire result is discussed in the Examinations and Result Committee for its approval. The result is then declared and made available in respective Students Corner. It is eventually sent to the University.

29 Who will keep the Student Academic Records, University or MLRITM?

It is the responsibility of the Examination Control Office of the institute to keep and preserve all the records.

30 What is our relationship with the JNT University?

We remain an affiliated college of the JNT University Hyderabad. The University has the right to nominate its members on the academic bodies of the college.

31 Shall institute require University approval if we want to start any New Courses?

Yes, It is expected that approvals or such other matters from an autonomous college will receive priority.

32 Shall institute get autonomy for PG and Doctoral Programs also?

Yes, presently our PG programs also enjoying autonomous status.

30 Malpractice 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 calculator, cell phone, pager, palm computer or any other form of material concerned with or related to the course of the examination (theory or practical) in which he/she 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 course of the examination)	Expulsion from the examination hall and cancellation of the performance in that course 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 person sin or outside the exam Hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that course only of all the candidates involved. In case of an outsider, he/she 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 course of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that course and all other courses the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the courses of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the Controller of Examinations.
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 courses of the examination (including practical and project work) already appeared and shall not be allowed to appear for examinations of the remaining courses of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the course by the candidate is course 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 course and all the other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the course by the candidate is course 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 course.
6.	Refuses to obey the orders of the Controller of Examinations /Additional Controller of Examinations/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 walkout, or threatens the COE or any person on duty in or outside the examination hall of any injury to his/her person or to any of his/her relations whether by words, either spoken or written or by signs or by visible representation, assaults the COE or any person on duty in or outside the examination hall or any of his/her relations, or indulge sin any act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the Institute premises 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 course and all other courses the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the courses 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 off the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that course and all the other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the Course by the candidate is course 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 course and all other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses 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 college is expulsion from the examination hall and cancellation of the performance in that course and all other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses 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 course and all other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses 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 course and all other courses the candidate has appeared including practical examinations and project work of that semester / year examinations.
12.	If any malpractice is detected which is not coveredintheaboveclauses1to11shall be reported to the University for further action to award suitable punishment.	