



# MAHATMA GANDHI INSTITUTE OF TECHNOLOGY (Autonomous)

Kokapet (Village), Gandipet (Mandal), Hyderabad-500075

## Revised Academic Regulations for Four Year B.Tech Degree Program with effect from the Academic Year 2022 - 2023 (MR-22)

### Note:

- i) The academic regulations should be read as a whole, for the purpose of any interpretation
- ii) In case of any doubt or ambiguity in the interpretation of the above rules and regulations, the decision of the Institute is final
- iii) Any reference to the College or Institute in these Regulations stands for Mahatma Gandhi Institute of Technology (Autonomous).

Mahatma Gandhi Institute of Technology (MGIT), established in the year 1997 by Chaitanya Bharathi Educational Society (CBES), was conferred autonomous status by the University Grants Commission, New Delhi and Jawaharlal Nehru Technological University (JNTUH) Hyderabad for a period of 10 years with effect from the academic year 2021-22. Consequently, the Institute is at liberty to prescribe its own courses that determine learning outcomes based on local needs and required skills. Autonomy enables the Institute to promote healthy practices such as community services and extension activities. Academic independence is the major advantage for an autonomous system

In accordance with the guidelines of the University Grants Commission (UGC), All India Council for Technical Education (AICTE) and Jawaharlal Nehru Technological University Hyderabad (JNTUH), MGIT is implementing Outcome Based Education (OBE) with Choice Based Credit System (CBCS) in undergraduate program. The credit based semester system provides flexibility in designing curriculum and assigning credits based on the course content and hours of teaching. The choice based credit system provides a “cafeteria” type approach in which the student can take courses and acquire more than the required credits and adopt an interdisciplinary approach to learning.

**Choice Based Credit System (CBCS):** The choice based credit system enables a student to obtain a degree by accumulating the required number of credits prescribed for that degree. Under CBCS, the requirement for awarding degree is prescribed in terms of number credits to be completed by the students. The number of credits earned by the student reflects the knowledge acquired by him/her. Each course is assigned with a fixed number of credits based on the contents to be learnt. The student also has the choice in selecting the courses offered by the other Departments. The letter grade, grade points and the credit points earned for each of the course reflect the students’ proficiency in that course.

### 1. Eligibility for Admission

Admission to B.Tech program shall be made either on the basis of the rank obtained by the student in entrance test conducted by the State Government of Telangana (TSEAMCET) or the University or on the basis of any other order of merit approved by the University, subject to reservations as prescribed by the State Government from time to time.

### 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 prescribed in the course structure and in accordance with the prescribed syllabus.

### 3. B.Tech Programs offered

MGIT is offering Bachelor of Technology (B.Tech) degree programs in eleven disciplines. The various programs offered are given in table-1.

**Table-1. B.Tech Programs offered**

S.No.	Title of the program	Branch Code	Abbreviation
1.	Civil Engineering	01	CE
2.	Electrical and Electronics Engineering	02	EEE
3.	Mechanical Engineering	03	ME
4.	Electronics and Communication Engineering	04	ECE
5.	Computer Science and Engineering	05	CSE
6.	Information Technology	12	IT
7.	Mechanical Engineering (Mechatronics)	14	MCT
8.	Metallurgical and Materials Engineering	18	MME
9.	Computer Science and Business System	32	CSB
10.	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	66	CSM
11.	Computer Science and Engineering (Data Science)	67	CSD

#### 3.1 Structure of B.Tech Program

The structure of the B.Tech programs offered at MGIT is based on outcome based education with **Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS)**, in accordance with the guidelines of the UGC and the model curriculum suggested by the AICTE.

The B.Tech program offered at MGIT follows semester pattern. The duration of B.Tech program shall be four academic years (Eight Semesters). Each academic year shall have two semesters (one odd and one even). Each semester shall have sixteen weeks of instruction excluding examination and evaluation. The academic activities to be performed in an academic year along with their tentative timeframe are listed in the academic calendar given in table-2.

**Table-2. Structure of Academic Calendar**

S.No.	Event	Duration
<b>Odd Semester</b>		
1.	First Spell of Instructions	8 Weeks
2.	First Internal Examination	1 Week
3.	Second Spell of Instructions	8 Weeks
4.	Second Internal Examination	1 Week
5.	Semester End Examinations of Mandatory courses, Laboratory courses and preparatory holidays for theory examinations	2 Weeks
6.	Semester End Theory Examinations	2 Weeks
7.	<b>Supplementary Examinations of Even Semesters</b>	<b>2 Weeks</b>
<b>Even Semester</b>		
8.	First Spell of Instructions	8 Weeks
9.	First Internal Examination	1 Week
10.	Second Spell of Instructions	8 Weeks
11.	Second Internal Examination	1 Week
12.	Semester End Examinations of Mandatory courses, Laboratory courses and preparatory holidays for theory examinations	2 Weeks
13.	Semester End Theory Examinations	2 Weeks
14.	<b>Summer Holidays and Supplementary Examinations of Odd Semesters</b>	<b>6 Weeks</b>

Each semester is structured to provide credits totalling to 160 for the entire B.Tech program. Each semester shall have Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE).

A student who pursues and registers for all the specified courses as listed in the B.Tech program structure and secures the required number of 160 credits (with CGPA  $\geq 5$ ) in a normal (minimum) period of four academic years (eight semesters) and a maximum period of eight academic years (sixteen semesters) from the date of commencement of the first semester, shall be declared to have qualified for the award of B.Tech degree in the chosen branch of engineering selected at the time of admission.

### 3.2 Credit Structure

Every course in the B.Tech program has a Lecture – Tutorial – Practical or Drawing – Credit (L:T:P/D:C) component. Based on L:T:P/D:C structure, the credits are allotted to a course using the criteria shown in table- 3.

**Table - 3. Contact hours and Credit Structure**

S. No.	Type of Course	Component	Contact hours / week / semester	Credits
1	Theory	Lecture (L)	1	1
		Tutorial (T)	1	1
2	Laboratory	Practical (P)	1	0.5
3	Drawing	Drawing (D)	1	0.5

Depending on the complexity and volume of the course, the number of contact hours per week in a semester will be assigned.

Each B.Tech program shall consist of a number of courses and each course shall be assigned with credits. The curriculum shall comprise theory courses, elective courses, laboratory courses, mandatory courses, seminar, mini – project, internship, and project work. However, mandatory courses do not carry any credits.

### 3.3 Subject Course Classification

In accordance with the guidelines issued by UGC and AICTE, all the courses offered for the under graduate program are broadly classified as shown in table-4.

**Table - 4. Classification of Courses**

S.No.	Broad Course Classification	Course Group / Category	Course Description
1.	Foundation Courses (FC)	Basic Sciences (BS)	Mathematics, Physics and Chemistry
2.		Humanities and Social Sciences including Management (HS)	Courses related to Humanities, Social Sciences and Management
3.		Engineering Sciences (ES)	Fundamental Engineering Courses
4.	Core Courses (CC)	Professional Core (PC)	Core courses related to the parent Discipline / Department / Branch of Engineering
		Project Work	Project in stage I and stage II
		Industrial Training / Mini- Project	Industrial Training Internship/ Industry Oriented Project / Mini – Project
		Seminar	Seminar / Colloquium based on core content related to the parent Discipline / Department / Branch of Engineering
5.	Elective Courses (EC)	Professional Electives (PE)	Elective courses related to the parent Discipline / Department / Branch of Engineering
		Open Electives (OE)	Interdisciplinary courses or courses in an area outside the parent Discipline / Department / Branch of Engineering
6.	Mandatory Courses (MC)	-	Environmental Science, Constitution of India Intellectual Property Rights, Gender Sensitization, Artificial Intelligence and Cyber Security
7.	Minor Courses	-	Credit Courses (subset of HS) as per affiliating University Guidelines

### 3.4 Semester Scheme

Each undergraduate programme is of 4 academic years (8 semesters) with the academic year divided into two semesters of 22 weeks ( $\geq 90$  instructional days) each and in each semester - ‘Continuous

Internal Evaluation (CIE)' and 'Semester End Examination (SEE)' under Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) indicated by UGC, and curriculum/course structure suggested by AICTE are followed.

#### 4.0 Course Registration

The following guidelines are designed for course registration:

- 4.1 A faculty member shall be appointed as a mentor for a group of 20 students, who will advise the students about the B.Tech program, its course structure, curriculum, choice option for courses, based on their competence, progress, pre-requisites and interest.
- 4.2 The academic section of the Institute invites "registration forms" from students before the beginning of the semester through 'on-line registration' ensuring "date and time stamping". The on-line requests for any given semester shall be **completed before the commencement of Semester End Examinations (SEE) of the preceding semester.**
- 4.3 A student can apply for on-line registration, **only after** obtaining the **written approval** of his / her mentor, which should be submitted to the Academic Section of the Institute through the Head of the Department concerned. A copy of it shall be retained with Head of the Department, mentor and the student.
- 4.4 The students shall register for all the prescribed courses and additional courses if any (limited to 4 credits) at the beginning of each semester as per the schedule mentioned in the Almanac released in the beginning of the academic year. Additional courses will be offered based on progress, SGPA / CGPA and fulfillment of the pre- requisites, if any for the course.
- 4.5 Course options exercised by the students through on-line registration are final and cannot be changed or interchanged. Further, alternate choices also will not be considered.
- 4.6 The registration shall be organized by the Department or the Academic Section of the Institute.
- 4.7 A course may have one or more of its preceding course(s) as pre-requisite(s).
- 4.8 Dropping of subjects/ courses may be permitted, only after obtaining prior approval from the faculty advisor/ counselor 'within a period of 15 days' from the beginning of the current semester. However, if the course that has been listed for registration by the Head of the Department in a semester could not be offered due to any unforeseen or unexpected reasons, then the student shall be allowed to have alternate choice for a new course, subject to offering of such a course and availability of seats in it. Such alternate arrangements shall be made by the Head of the Department, with due notification and time framed schedule, within the first week of the commencement of class work for that semester.

#### 5. Open Elective Courses

The students have to choose three Open Electives (OE-I, II & III) from the list of Open Electives given by other departments. However, the student can opt for an Open Elective subject offered by his own

(parent) department, if the student has not registered and not studied that subject under any category (Professional Core, Professional Electives, Mandatory Courses etc.) offered by parent department in any semester. Open Elective subjects that were already studied should not repeat/should not match with any category (Professional Core, Professional Electives, and Mandatory Courses etc.) of subjects even in the forthcoming semesters.

## 6. Professional Elective Courses

The students have to choose the six professional electives from the list given in the Curriculum.

## 7. Elective Courses to be offered

- 7.1 A typical section (or class) strength for each semester shall be 60.
- 7.2 A course may be offered to the students, only if **a minimum of 20 students (1/3 of the class strength)** opt for it. The maximum strength of a class shall be limited to 80 (60 + 1/3 of the class strength).
- 7.3 More than one faculty member may offer the same course in a given semester. Laboratory / Practical may be included with the corresponding theory course in the same semester.
- 7.4 Allotment of elective courses shall be based on the choice exercised by the students and on **“first come first serve basis”** in the on-line registration mode. In the case of a tie, CGPA criterion shall be used to resolve.
- 7.5 If more students register for a given elective, then the Head of the Department concerned shall decide whether or not to offer such a course for multiple sections keeping in view the resources available in the Department.

## 8. Attendance Requirements

- 8.1 It is desirable for a student to have 100% attendance in each course. However, a student shall be eligible to appear for the Semester End Examinations, if he/she acquires a minimum of 75% attendance in aggregate of all the credit courses and mandatory non-credit courses offered. Two periods of attendance for each theory course shall be considered, if he/she appears for the Internal examination of that course.
- 8.2 Shortage of attendance in aggregate up to 10% i.e. attendance from 65% to less than 75% in a semester may be condoned by the Institute Academic Committee on genuine and valid medical grounds, based on student's representation with supportive evidence. Such students shall pay a stipulated fee for condoning shortage of attendance (10%). **Shortage of attendance below 65% in aggregate shall in no case be condoned.**
- 8.3 **Students whose shortage of attendance is not condoned in any semester are not eligible to appear for Semester End Examinations of that semester. They get detained and their registration for that semester stands cancelled,** including all academic credentials (internal

Marks etc) of that semester. They need to seek readmission for that semester as and when offered, subject to completion of the program in the **stipulated maximum period of 8 years from the date of admission in to the B.Tech program**. In such cases, academic regulations applicable to the semester in which readmission is sought, shall be applicable to the readmitted student.

8.4 A student fulfilling the attendance requirement in the present semester is **not** eligible for readmission into the same class.

## 9. Academic Requirements

In addition to the attendance requirements mentioned in S.No.8, a student must satisfy the following academic requirements:

9.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course, if student secures not less than 35% (21 marks out of 60 marks) in the semester end examination, and a minimum of 40% (40 marks out of 100 marks) in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of letter grades, this implies securing 'C' grade or above in that subject/ course.

9.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Real-time Research Project (or) Field Based Research Project (or) Industry Oriented Mini Project (or) Internship (or) Seminar, if the student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in each of them. The student is deemed to have failed, if he (i) does not submit a report on Industry Oriented Mini Project/Internship, or (ii) not make a presentation of the same before the evaluation committee as per schedule, or (iii) secures less than 40% marks in Real-time Research Project (or) Field Based Research Project (or) Industry Oriented Mini Project (or) Internship evaluations. A student may reappear once for each of the above evaluations, when they are scheduled again; if the student fails in such 'one reappearance' evaluation also, the student has to reappear for the same in the next subsequent semester, as and when it is scheduled.

### 9.3 Promotion Rules

A student shall fulfill the requirements mentioned in table-5 for promotion from the current semester to the next semester.

**Table-5. Promotion Rules**

S.No.	Promotion	Conditions to be fulfilled
1.	From First semester to Second semester	Regular course of study of First semester

2.	From Second semester to Third semester	i)Regular course of study of Second semester ii) Must have secured at least 50 % of the total credits (20 credits out of 40 credits) up to Second semester from all the relevant regular and supplementary examinations conducted whether the student takes those examinations or not.
3.	From Third semester to Fourth semester	Regular course of study of Third semester
4.	From Fourth semester to Fifth semester	i)Regular course of study of Fourth semester ii) Must have secured at least 60 % of the total credits (48 credits out of 80 credits) up to Fourth semester from all the relevant regular and supplementary examinations conducted whether the student takes those examinations or not.
5.	From Fifth semester to Sixth semester	Regular course of study of Fifth semester
6.	From Sixth semester to Seventh semester	i) Regular course of study of Sixth semester ii) Must have secured at least 60 % of the total credits (72 credits out of 120 credits) up to Sixth semester from all the relevant regular and supplementary examinations conducted whether the student takes those examinations or not.
7.	From Seventh semester to Eight semester	Regular course study of Seventh semester

9.4 A student (i) shall register for all courses/subjects covering 160 credits as specified and listed in the course structure, (ii) fulfills all the attendance and academic requirements for 160 credits, (iii) earn all 160 credits by securing SGPA  $\geq 5.0$  (in each semester), and CGPA  $\geq 5$  (at the end of 8 semesters), (iv) passes all the mandatory courses, to successfully complete the undergraduate programme. The performance of the student in these 160 credits shall be considered for the calculation of the final CGPA (at the end of undergraduate programme), and shall be indicated in the grade card / marks memo of VIII semester.

9.5 If a student registers for 'extra subjects' (in the parent department or other departments/branches of Engg.) other than those listed subjects totaling to 160 credits as specified in the course structure of his department, the performances in those 'extra subjects' (although evaluated and graded using the same procedure as that of the required 160 credits) will not be considered while calculating the SGPA and CGPA. For such 'extra subjects' registered, percentage of marks and letter grade alone will be indicated in the grade card / marks memo as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations Items 8 and 9.1-9.4 above.

9.6 A student eligible to appear in the semester end examination for any subject/ course, but absent from it or failed (thereby failing to secure 'C' grade or above) may reappear for that subject/ course in the supplementary examination as and when conducted. In such cases, Internal marks (CIE)



assessed earlier for that subject/ course will be carried over, and added to the marks to be obtained in the SEE supplementary examination for evaluating performance in that subject.

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

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. Evaluation - Distribution and Weightage of Marks

10.1 The performance of a student in every course will be evaluated for 100 marks each, with 40 marks allotted for Continuous Internal Evaluation (CIE) and 60 marks for Semester End Examination (SEE).

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

i) Mid - Term Examination for 30 marks:

a. Part - A: Objective/Quiz paper for **10 marks**.

b. Part – B: Descriptive paper for **20 marks**.

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

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

ii) Assignment for **5 marks**. (**Average of the 2 assignments** each for **5 marks**)

iii) Subject Viva-Voce / PPT/Poster Presentation / Case Study on a topic in the course concerned for **5 marks**.

- The first CIE shall be conducted on 50% of the syllabus and the second CIE shall be conducted for the remaining 50% of the syllabus.
- Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first CIE, and the second assignment should be submitted before the conduct of the second CIE. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).
- Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the subject concerned for 5 marks will be evaluated by concern faculty member before CIE II.
- The student has to get minimum of 35% of Marks in the internal examinations (14 out of 40 marks allotted for CIE).

- There is **NO Special Internal Exam / Computer Based Test (CBT) for MR22 regulations** even if any student is absent, due to any extraordinary circumstances, for 1<sup>st</sup> Internal Examination / 2<sup>nd</sup> Internal Examination / or both in any course.

### 10.2.1 Continuous Internal Evaluation of Engineering Graphics and Machine Drawing:

The total CIE Marks for Engineering Graphics and Machine Drawing is for 40 marks out of which CIE-I and CIE-II shall be conducted immediately after CIE-I of the theory courses and One week before the conduct of CIE-II of the Theory courses by the Faculty concerned for 30 Marks each with 5 out of 8 questions for 2 Hours Duration.

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

- Submission of Drawing Sheets to the Faculty Concerned as and when given is evaluated for 10 marks at the end of the course.

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

### 10.2.2 Semester End Examination for Theory Courses: 60 Marks

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

- Part-A is a compulsory question which consists of ten sub-questions from all units carrying equal marks (**Part – A: 10 x 1 M = 10 Marks**)
- Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from each unit and may contain sub-questions. For each question there will be an **“either” “or” choice**, which means that there will be two questions from each unit and the student should answer either of the two questions. There could be sub-questions in a question (**Part – B: 5 x 10 M = 50 Marks**)
- The duration of Semester End Examination is 3 hours.

### Semester End Examination of Engineering Graphics and Machine Drawing Courses:

- For **Engineering Graphics Course**, the Semester End Examination shall consists of eight questions out of which student has to answer any five questions (5x12=60 Marks).
- For **Machine Drawing**, the Semester End Examination shall consist of two parts viz.
  - i) Part-A is for 20 marks consisting of 4 questions out of which student has to answer any 2 questions (2x10=20 Marks).
  - ii) Part-B for 40 marks (1x40=40 Marks) which is compulsory

### 10.3 Evaluation of Laboratory Courses

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

- i. A write-up on day-to-day experiment in the laboratory (in terms of aim, components / procedure, expected outcome – **Observation & Laboratory Record**) which shall be evaluated for **10 marks**

- ii. **10 marks for viva-voce** (or) case study (or) application (or) poster presentation of the course concerned.
- iii. Internal practical examinations shall be conducted by the laboratory teacher concerned before each mid-term examination which shall be evaluated for **10 marks**.
- iv. The remaining **10 marks** are for Laboratory Project, which consist of the Design (or) Software / Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

For conducting laboratory end examinations of all UG Programmes, one internal examiner and one external examiner are to be appointed by the chief controller of examinations. The panel of external examiners should be selected from outside the College concerned but within the cluster/other autonomous colleges. No external examiner should be appointed from any other College in the same cluster/any other cluster which is run by the same Management.

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

1. 10 marks for write-up
  2. 15 for experiment/program
  3. 15 for evaluation of results
  4. 10 marks for presentation on another experiment/program in the same laboratory course and
  5. 10 marks for viva-voce on concerned laboratory course
- ***The Student, in each Course (Theory / Laboratory / Engineering Graphics / Machine Drawing) shall have to earn 35% of marks (i.e. 14 marks out of 40 marks) in CIE, 35% of marks (i.e. 21 marks out of 60) in SEE and Overall 40% of marks (i.e. 40 marks out of 100 marks) both CIE and SEE marks put together.***
  - ***The student is eligible to write Semester End Examination of the concerned subject (Theory/Laboratory), if the student scores  $\geq 35\%$  (14 marks) of 40 Continuous Internal Examination (CIE) marks.***
  - ***In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 35% of CIE marks (14 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.***

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

1. I Semester course (Ex., *Elements of CE/ME/EEE/ECE – except CSE, IT and other allied branches*): The total internal evaluation is for 50 marks, out of which Internal Examination shall take place within One week after CIE-I of the theory courses and One week before the conduct of

CIE-II of the theory courses. The average mark of two Internal Examinations is considered for 15 marks. The remaining 35 Marks shall be evaluated as Continuous Internal Evaluation during the semester by concern faculty member. Student shall have to earn 40%, i.e 20 marks out of 50 marks. There shall be NO external evaluation. The student is deemed to have failed, if he (i) is absent as per schedule, or (ii) secures less than 40% marks in this course.

**The total 50 marks are divided and allocated as shown below for *Elements of CE/ME/EEE/ECE*:**

- A write-up on day-to-day experiment in the laboratory (in terms of aim, components / procedure, expected outcome - **Observation & Laboratory Record**) which shall be evaluated for **10 marks**
- **10 marks for viva-voce** (or) case study (or) application (or) poster presentation of the course concerned.
- Internal practical examinations shall be conducted by the laboratory teacher concerned before each mid-term examination which shall be evaluated for **15 marks**.
- The remaining **15 marks** are for Laboratory Project, which consist of the Design (or) Software / Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

In respect of *Elements of CSE, IT and other allied branches*, the evaluation of such courses shall be conducted in two mid-term examinations which shall be conducted within One week after CIE-I of the theory courses and One week before the conduct of CIE-II of the theory courses. The average mark of two Internal Examinations is considered for 40 marks. The remaining 10 Marks shall be evaluated as Continuous Internal Evaluation during the semester by concern faculty member. Student shall have to earn 40%, i.e 20 marks out of 50 marks. There shall be NO external evaluation. The student is deemed to have failed, if he (i) is absent as per schedule, or (ii) secures less than 40% marks in this course. Each Mid-Term examination shall consist of two parts i.e **Part – A** for 20 marks and **Part – B** for 20 marks conducted by concerned faculty with a total duration of 2 hours as follows:

**The total 50 marks are divided and allocated as shown below for *Elements of CSE, IT and other allied branches*:**

- Part - A: Objective / Quiz paper with multiple choice, Fill in the blanks and Match the following type of questions for a total of **20 Marks**.
- Part – B: Descriptive Paper containing 6 Full questions out of which the student has to answer 4 questions, Each carrying 5 marks for a total of **20 Marks**.
- **Five (5) marks** are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first CIE, and the second assignment should be submitted before the conduct of the second CIE. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

- Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the subject concerned for **5 marks** will be evaluated by concern faculty member before CIE II.
2. IV Semester *Real-Time (or) Field-based Research Project* course: The internal evaluation is for 50 marks and it shall take place during CIE-I and CIE-II. The average marks of two CIEs are the final for 50 marks. Student shall have to earn 40%, i.e. 20 marks out of 50 marks from average of the two examinations. There shall be NO external evaluation. The student is deemed to have failed, if he (i) does not submit a report on the Project, or (ii) does not make a presentation of the same before the internal committee as per schedule, or (ii) secures less than 40% marks in this course.
- 10.5** There shall be Industry training (or) Internship (or) Industry oriented Mini-project (or) Skill Development Courses (or) Paper presentation in reputed journal (or) Industry Oriented Mini Project in collaboration with an industry of their specialization. Students shall register for this immediately after IV Semester Examinations and pursue it during summer vacation/semester break & during V&VI Semesters without effecting regular course work. Internship at reputed organization (or) Skill development courses (or) Paper presentation in reputed journal (or) Industry Oriented Mini Project shall be submitted in a report form and presented before the committee in VI semester before end semester examination. It shall be evaluated for 100 external marks. The committee consists of an External Examiner, Head of the Department, Supervisor of the Industry Oriented Mini Project (or) Internship etc, Internal Supervisor and a Senior Faculty Member of the Department. There shall be **NO internal marks** for Industry Training (or) Internship (or) Mini-Project (or) Skill Development Courses (or) Paper Presentation in reputed journal (or) Industry Oriented Mini Project.
- 10.6** The UG project shall be initiated at the end of the VII Semester and the duration of the project work is one semester. The student must present Project Stage - I during VII Semester before CIE-II, in consultation with his Supervisor, the title, objective and plan of action of his Project work to the departmental committee for approval before commencement of VIII Semester. Only after obtaining the approval of the departmental committee, the student can start his project work.
- 10.7** UG project work shall be carried out in two stages: Project Stage - I for approval of project before CIE-II in VII Semester and Project Stage – II during VIII Semester. Student has to submit project work report at the end of VIII Semester. The project shall be evaluated for 100 marks before commencement of SEE Theory examinations.
- 10.8** For Project Stage - I, the departmental committee consisting of Head of the Department, project supervisor and a senior faculty member shall approve the project work to

begin before CIE-II of VII Semester. The student is deemed to be not eligible to register for the Project work, if he does not submit a report on Project Stage-I or does not make a presentation of the same before the evaluation committee as per schedule.

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

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

For conducting viva-voce of project, Principal /Chief Controller of Examinations selects an external examiner from the list of experts in the relevant branch submitted by the respective BoS Chairman / HoD.

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

- 10.10** A student shall be given one time chance to re-register for a maximum of two subjects:
- If the internal marks secured by a student in the Continuous Internal Evaluation marks for 40 (Sum of average of two mid-term examinations consisting of Objective & descriptive parts, Average of two Assignments & Subject Viva-voce/ PPT/ Poster presentation/ Case Study on a topic in the concerned subject) are less than 35% and failed in those subjects.
- A student must re-register for the failed subject(s) for 40 marks within four weeks of commencement of the classwork in next academic year. Also, the student has to earn 35% of total internal marks (14 out of 40 marks including CIEs, Assignment & Subject Viva-voce/PPT/ Poster presentation/ Case Study on a topic in the concerned subject).
- In the event of the student taking this chance, his Continuous Internal Evaluation marks for 40 and Semester End Examination marks for 60 obtained in the previous attempt stand cancelled.

## 11.0 Grading Procedure:

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

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

- 11.3 A student who has obtained an 'F' grade in any subject shall be deemed to have 'failed' and is required to reappear as a 'supplementary student' in the semester end examination, as and when offered. In such cases, internal marks in those subjects will remain the same as those obtained earlier.
- 11.4 To a student who has not appeared for an examination in any subject, 'Ab' grade will be allocated in that subject, and he is deemed to have 'Failed'. A student will be required to reappear as a 'supplementary student' in the semester end examination, as and when offered next. In this case also, the internal marks in those subjects will remain the same as those obtained earlier.
- 11.5 A letter grade does not indicate any specific percentage of marks secured by the student, but it indicates only the range of percentage of marks.
- 11.6 A student earns Grade Point (GP) in each subject/ course, on the basis of the letter grade secured in that subject/ course. The corresponding 'Credit Points' (CP) are computed by multiplying the grade point with credits for that particular subject/ course.

$$\text{Credit Points (CP)} = \text{Grade Point (GP)} \times \text{Credits} \dots \text{For a course}$$

**11.7** A student passes the subject/ course only when **GP ≥ 5** (**‘C’ grade or above**)

**11.8** The Semester Grade Point Average (SGPA) is calculated by dividing the sum of credit points ( $\Sigma CP$ ) secured from all subjects/courses registered in a semester, by the total number of credits registered during that semester. SGPA is rounded off to **two** decimal places. SGPA is thus computed as

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

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

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

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

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

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

**Illustration of Calculation of SGPA:**

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

$$SGPA = 152/21 = 7.24$$



### Illustration of Calculation of CGPA up to III Semester:

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

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

The calculation process of CGPA illustrated above will be followed for each subsequent semester until VIII Semester. The CGPA obtained at the end of VIII Semester will become the final CGPA secured for entire B.Tech programme.

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

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

**11.12** For mandatory courses like Environmental Science, Constitution of India, Intellectual Property Rights, and Gender Sensitization lab, a student has to secure 40 marks out of 100 marks (i.e. 40% of the 100 marks allotted) in the Continuous Internal Evaluation for passing the subject/course. These marks should also be uploaded along with the internal marks of other subjects. The mandatory courses (Except Gender Sensitization lab) CIE and SEE shall be

conducted and evaluated in the same format as that of other theory courses. In case of Gender Sensitization lab, the following evaluation procedure is to be followed.

- **Discussion & Classroom Participation: 20% (20 Marks)** - Evaluated by concern faculty based on student class room participation & Discussion during MID - I and MID - II.
- **Project/Assignment: 30% (30 Marks)** - Evaluated by concern faculty based on Project / Assignments submitted by the students during MID - I and MID - II.
- The average of MID – I and MID – II of Discussion & Classroom Participation and Project/Assignment will be considered as Internal Evaluation for 50 Marks. The remaining 50 Marks shall be evaluated by End Semester Exams.
- **End Semester Exam: 50% (50 Marks)** - Evaluated by conducting End Semester Examination with the same question paper pattern as that of other theory subjects at the end of the semester.

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

## 12. Passing Standards

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

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

## 13.0 Declaration of results

13.1 Computation of SGPA and CGPA are done using the procedure listed in 11.6 to 11.9.

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

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

## 14.0 Award of Degree

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

**14.2** A student who qualifies for the award of the degree as listed in the item 14.1 shall be placed in the following classes.

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

- (i) Should have passed all the subjects/courses in '**First Appearance**' within the first 4 academic years (or 8 sequential semesters) from the date of commencement of first semester.
- (ii) Should not have been detained or prevented from writing the semester end examinations in any semester due to shortage of attendance or any other reason.

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

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

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

**14.6** All other students who qualify for the award of the degree (as per item 14.1), with final CGPA (at the end of the undergraduate programme)  $\geq 5.00$  but  $< 6$ , shall be placed in '**pass class**'.

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

**14.8** Students fulfilling the conditions listed under item 14.3 alone will be eligible for award of '**Gold Medal**'.

**14.9 Award of 2-Year B.Tech Diploma Certificate**

1. A student is awarded 2-Year UG Diploma Certificate in the concerned engineering branch on completion of all the academic requirements and earned all the 80 credits (within 4 years from the date of admission) upto B.Tech. IV Semester, if the student want to exit the 4-Year B.Tech. program and *requests for the 2 -Year B.Tech. (UG) Diploma Certificate*.
2. The student once opted and awarded 2-Year UG Diploma Certificate, the student will be permitted to join in B. Tech. V Semester and continue for completion of remaining years of study for 4-Year B. Tech. Degree ONLY in the next academic year along with next batch students. However, if any student wishes to continue the study after opting for exit, he/she should register for the subjects/courses in V Semester before commencement of classwork for that semester.
3. *The students, who exit the 4-Year B. Tech. program after IV Semester of study and wish to re-join the B.Tech. program, must submit the 2 -Year B. Tech. (UG) Diploma Certificate awarded to him, subject to the eligibility for completion of Course/Degree.*

4. A student may be permitted to take one year break after completion of IV Semester or B. Tech. VI Semester (with university permission through the principal of the college well in advance) and can re-enter the course in **next Academic Year in the same college** and complete the course on fulfilling all the academic credentials within a stipulated duration i.e. double the duration of the course (Ex. within 8 Years for 4-Year program).

#### **14.10 Award of B.Tech Degree with Minor /Honor**

A student is awarded with B.Tech Degree with Minor / Honors as per the guidelines of the affiliating University.

#### **15.0 Withholding of results**

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

#### **16.0 Transitory Regulations**

##### **A. For students detained due to shortage of attendance:**

1. A Student who has been detained in I year of R18/MR21 Regulations due to lack of attendance, shall be permitted to join the corresponding Semester of MR22 Regulations and he is required to complete the study of B.Tech programme within the stipulated period of eight academic years from the date of first admission in I Year.
2. A student who has been detained in any semester of II, III and IV years of R18 /MR21 regulations for want of attendance, shall be permitted to join the corresponding semester of MR22 Regulations and is required to complete the study of B.Tech within the stipulated period of eight academic years from the date of first admission in I Semester. The MR22 Academic Regulations under which a student has been readmitted shall be applicable to that student from that semester. See rule (C) for further Transitory Regulations.

##### **B. For students detained due to shortage of credits:**

3. A student of R18/MR21 Regulations who has been detained due to lack of credits, shall be promoted to the next semester of MR22 Regulations only after acquiring the required number of credits as per the corresponding regulations of his/her first admission. The total credits required are 160 including both R18 & MR22 regulations. The student is required to complete the study of B.Tech within the stipulated period of eight academic years from the year of first admission. The MR22 Academic Regulations are applicable to a student from the year of readmission. See rule (C) for further Transitory Regulations.

### **C. For readmitted students in MR22 Regulations:**

4. A student who has failed in any subject under any regulation has to pass those subjects in the same regulations.
5. The maximum credits that a student acquires for the award of degree, shall be the sum of the total number of credits secured in all the regulations of his/her study including MR22 Regulations. **There is NO exemption of credits in any case.**
6. If a student is readmitted to MR22 Regulations and has any subject with 80% of syllabus common with his/her previous regulations, that particular subject in MR22 Regulations will be substituted by another subject to be suggested by the Institute.

Note: If a student readmitted to MR22 Regulations and has not studied any subjects/topics in his/her earlier regulations of study which is prerequisite for further subjects in MR22 Regulations, the Head of the Departments concerned shall conduct remedial classes to cover those subjects/topics for the benefit of students.

### **D. Re-registration for students who fails to secure minimum marks in CIE:**

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

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

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

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

### **17.0 Student Transfers**

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

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

**17.3** The transferred students from other Universities/Institutions to this institute who are on rolls are to be provided one chance to write the Special Internal Exam (for internal marks) in the **equivalent subject(s)** as per the guidelines of the institute.

**18.0 Scope**

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

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

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

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

**18.5** The Term ‘subject’ and ‘course’ imply the same meaning.





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

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

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

- The student shall register for 120 credits and secure 120 credits with CGPA  $\geq 5$  from III Semester to VIII semester B.Tech programme (LES) for the award of B.Tech degree.
- The students, who fail to fulfil the requirement for the award of the degree in six academic years from the year of admission, shall forfeit their seat in B.Tech
- The attendance requirements of B. Tech. (Regular) shall be applicable to B.Tech (LES).

**5. Promotion Rules**

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

- All the other regulations as applicable to B. Tech. 4-year degree course (Regular) will hold good for B. Tech. (Lateral Entry Scheme).
- LES students are not eligible for 2-Year B. Tech. Diploma Certificate.

\* \* \* \*

## Malpractice Rules

### Disciplinary Action For / Improper Conduct in Examinations

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



3.	Impersonates any other student in connection with the examination.	<p>The student who has impersonated shall be expelled from examination hall. The student is also debarred and forfeits the seat. The performance of the original student who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all Institute examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.</p>
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.	<p>Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat.</p>

5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the Officer In-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the college campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the student(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The students also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.

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

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

**Malpractices identified by Squad or Special Invigilators:**

Punishments shall be given to the students as per the above guidelines.

**Malpractices identified at Spot Valuation center during Valuation:**

The following procedure shall be followed in the case of malpractice cases detected during valuation, scrutiny etc. at spot valuation center:

- i) Malpractice detected at the spot valuation center:** The case is to be referred to the Committee constituted to look into the malpractice cases. The committee shall meet and discuss / question the student and based on the evidences, the committee shall recommend suitable action on the student.
- ii)** A notice is to be served to the student(s) involved, through the Principal, to his address and to the student(s) permanent address regarding the malpractice and seek explanation.
- iii)** Based on the explanation given by the party involved and recommendations of the committee, action shall be initiated.

**iv) Composition of the committee constituted to look into malpractice cases**

1. Principal: Chairman
2. Controller of Examinations: Member
3. Head of the Department Concerned: Member
4. Chief Examiner of the course/course expert: Member
5. Additional / Assistant Controller of Examinations: Member (Convener)

**Chairman  
Academic Council**