

Established: 2009

PGECET Code: MLRS

Academic Regulations, Course Structure & Detailed Syllabus under Autonomous Status

Master of Technology (M.Tech) Choice Based Credit System (CBCS)

Choice Based Credit System (CBCS) (MLRS - R24 Regulations) (Applicable for the batches admitted from 2024-25)





MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION) (Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad) Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act,1956

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PRELIMINARY DEFINITIONS AND NOMENCLATURES

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

Academic Year: It is the period necessary to complete an actual course of study within a year. It comprises two consecutive semesters i.e., Even and Odd semester.

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.

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, Biology etc., are considered to be foundational innature.

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.

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

Certificate course: It is a course that makes a student gain hands-on experience and skill required for holistic development in a specific area / field.

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.

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

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

Continuous Internal Examination: It is an examination conducted towards internal assessment.

Course: A course is a subject offered by the University 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 hour perweek.

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.

Degree with Specialization: A student who fulfills all the program requirements of her/his discipline and successfully completes a specified set of professional elective courses in a specialized area is eligible to receive a degree with specialization like Structural Engineering, Embedded Systems, CSE, etc.

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 the Semester :A student who doesn't want to register for any semester can apply in writing in prescribed format before 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.

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.

Institute: Means MLRITM, Hyderabad unless indicated otherwise by the context.

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

Pre-requisite: A course, the knowledge of which is required for registration into higher level course.

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

Professional Elective: 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, Master of Technology (M.Tech) degree program / UG degree program: B.Tech.

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 second 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 the theory component of a course, subject to the regulations contained herein.

Registration: Process of enrolling into a set of courses in a semester of a Program.

Regulations: The regulations, common to all M.Tech programs offered by Institute are designated as - MLRS Regulations – R22and are binding on all the stakeholders.

Semester: It is a period of study consisting of 15 to 18 weeks of academic work equivalent to normally 90 working days. The odd semester starts usually in July and even semester in December.

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 the Jawaharlal Nehru Technological University Hyderabad, Hyderabad.

Withdraw from a Course: Withdrawing from a course means that a student can drop from a course within the first two weeks of the 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.

Words 'he', him', 'his', occur, they imply 'she', 'her', 'hers' also.

FOREWORD

The autonomy is conferred to Marri Laxman Reddy Institute of Technology and management (MLRITM), Hyderabad by University Grants Commission (UGC), New Delhi based on its performance as well as future commitment and competency to impart quality education. It is a mark of its ability to function independently in accordance with the set norms of the monitoring bodies like J N T University Hyderabad (JNTUH), Hyderabad and AICTE. It reflects the confidence of the affiliating University in the autonomous institution to uphold and maintain standards it expects to deliver on its own behalf and thus awards degrees on behalf of the college. Thus, an autonomous institution is given the freedom to have its own **curriculum, examination system and monitoring mechanism**, independent of the affiliating University but under its observance.

MLRITM is proud to win the credence of all the above bodies monitoring the quality in education and has gladly accepted the responsibility of sustaining, if not improving upon the standards and ethics for which it has been striving for more than a decade in reaching its present standing in the arena of contemporary technical education. As a follow up, statutory bodies like Academic Council and Boards of Studies are constituted with the guidance of the Governing Body of the institute and recommendations of the JNTUH to frame the regulations, course structure and syllabi under autonomous status.

The autonomous regulations, course structure and syllabi have been prepared after prolonged and detailed interaction with several expertise solicited from academics, industry and research, in accordance with the vision and mission of the institute to order to produce a quality engineering graduate to the society.

All the faculty, parents and students are requested to go through all the rules and regulations carefully. Any clarifications needed are to be sought at appropriate time and with principal of the college, without presumptions, to avoid unwanted subsequent inconveniences and embarrassments. The Cooperation of all the stake holders is sought for the successful implementation of the autonomous system in the larger interests of the college and brighter prospects of engineering graduates.

PRINCIPAL



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT (Autonomous)

Academic Regulations of M.Tech (Regular/Full Time) Programmes, 2024-25 (R24) (CBCS)

(Effective for the students admitted into I year from the Academic year 2024–25 and onwards)

For pursuing two year postgraduate Master Degree program of study in Engineering (M.Tech) offered by Marri Laxman Reddy Institute Of Technology and Management under Autonomous status and herein after referred to as MLRITM.

1.0 Post-Graduate Degree Programmes in Engineering & Technology (PGP in E & T) Jawaharlal NehruTechnologicalUniversityHyderabad(JNTUH)offersTwoYears(FourSemesters)fulltimeMasterofTechnology (M.Tech.) Degree programmes, under Choice Based Credit System (CBCS) at itsconstituent(nonautonomous)andaffiliatedcollegesindifferentbranchesofEngineeringandTechnologywithdifferen tspecializations.

2.0 EligibilityforAdmissions

- **2.1** AdmissiontothePGPsshallbemadesubjecttoeligibility,qualificationandspecializationsprescribedb ytheUniversityfromtimetotime,foreachspecializationundereachM.Techprogramme.
- 2.2 Admission to the post graduate programme shall be made on the basis of either the merit rank orPercentile obtained by the qualified student in the relevant qualifying GATE Examination/ the merit rankobtained by the qualified student in an entrance test conducted by Telangana State Government(PGECET) for M.Tech. programmes / an entrance test conducted by JNTUH/ on the basis of any

othere x ams approved by the University, subject to reservations as laid down by the Govt. from time to time.

2.3 ThemediumofinstructionsforallPGProgrammeswillbeENGLISHonly.

3.0 M.Tech.Programme(PGPinE&T)Structure

3.1 TheM.Tech.ProgramsinE&TofJNTUHareofSemesterpattern,withFourSemestersconsistingofTw o academic years, each academic year having Two Semesters (First/Odd and Second/EvenSemesters). EachSemester shall be of 22weeks duration (inclusive of Examinations), with a minimumof90instructionaldaysperSemester.

3.2 Thetwo-

 $year M. Tech. program consists of {\bf 68} credits and the student hast or egister for all {\bf 68} credits and earnall {\bf 68} credits and earnall {\bf 68} credits for the award of M. Tech. degree. There is {\bf NO} exemption of credits in any case.$

- **3.3** The student shall not take more than four academic years to fulfill all the academic requirements for theawardofM.Tech.degreefromthedateofcommencementoffirstyearfirstsemester,failingwhichthe studentshallforfeittheseatinM.Tech.programme.
- **3.4 UGC/AICTE**specifieddefinitions/descriptionsareadoptedappropriatelyforvarioustermsandabbre viationsusedinthesePGacademicregulations,aslistedbelow:

3.4.1 SemesterScheme

Each Semester shall have 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination(SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) are takenas 'references' for the present set of Regulations. The terms 'SUBJECT' and 'COURSE' imply thesamemeaning hereandreferto'TheorySubject',or 'LabCourse',or 'Design/DrawingSubject',or 'MiniProjectwithSeminar',or 'Dissertation',asthecase maybe.

3.4.2 CreditCourses

All subjects/courses are to be registered by the student in a semester to earn credits which shall beassignedtoeachsubject/courseinanL:T:P:C(LecturePeriods:TutorialPeriods:PracticalPeriods:C redits)structurebasedonthefollowinggeneralpattern:

- Onecreditforonehour/week/semesterfortheory/lecture(L)courses
- Onecreditfortwohours/week/semesterforlaboratory/practical(P)coursesortutorials(T)

Other student activities like study tour, guest lecture, conference/workshop participations, technicalpaperpresentationsandmandatorycourses(*Non-creditAuditCourses*)willnotcarryanycredits.

3.4.3 SubjectCourseClassification

Allsubjects/coursesofferedforthePost-

GraduateProgrammeinE&T(M.Tech.DegreeProgramme)are broadly classified as follows. The University has followed in general the guidelines issued byAICTE/UGC.

S.	Broad	CourseGroup/Ca	CourseDescription
No.	CourseClassificat	tegory	CourseDescription
	ion		
		PC-	Includessubjects related to the
		ProfessionalCo	parentdiscipline/department/bran
1	CoreCourses(Co	re	chofEngineering
-	C)	Dissertation	M.Tech.ProjectorPGProjectorMajorProject
		MiniProjectwi	SeminarbasedoncorecontentsrelatedtoParen
		thSeminar	tDiscipline/Department/BranchofEngineeri
			ng
		PE -	Includeselectivesubjectsrelatedtotheparent
2	ElectiveCourses	ProfessionalEl	discipline/department/branchofEngineering
	(EE)	ectives	

		OE -	Elective subjects which include inter-
		OpenEle	disciplinarysubjects or subjects in an area
		ctives	outside the
			parentdiscipline/department/branchofEngi
			neering
3	MandatoryCours es		Non-CreditAuditCourses

4.0 CourseRegistration

- **4.1** A'FacultyAdvisororCounselor'shallbeassignedtoeachspecialization,whowilladviseonthePostGra duate Programme (PGP), its Course Structure and Curriculum, Choice/Option for Subjects/Courses,basedonhiscompetence,progress,pre-requisitesandinterest.
- **4.2** The Academic Section of the College invites 'Registration Forms' from students within 15 days from the commencement of class work through 'ON-LINE SUBMISSIONS', ensuring 'DATE and TIME Stamping'. The ON-LINE Registration Requests for any 'CURRENT SEMESTER' shall be completed BEFORE

the commencement of SEEs (Semester End Examinations) of the `PRECEDING SEMESTER'.

- **4.3** A Student can apply for ON-LINE Registration, ONLY AFTER obtaining the 'WRITTEN APPROVAL'fromhisFacultyAdvisor,whichshouldbesubmittedtotheCollegeAcademicSectionthroug htheHeadofDepartment(acopyofitbeingretainedwithHeadofDepartment,FacultyAdvisorandtheStuden t).
- **4.4** If the Student submits ambiguous choices or multiple options or erroneous entries during ON-LINERegistration for the Subject(s) / Course(s) under a given/ specified Course Group/ Category as listed in the Course Structure, only the first mentioned Subject/ Course in that Category will be taken intoconsideration.
- **4.5** Subject/CourseOptionsexercisedthroughON-LINERegistrationarefinal andCANNOT bechanged, nor can they be inter-changed; further, alternate choices also will not be considered. However, if

the Subject/Course that has already been listed for Registration by the University in a Semester could not be offered due to unforese en or unexpected reasons,

thentheStudentwillbeallowedtohavealternatechoiceeitherforanewSubject,ifitisoffered,orforanother existingSubject(subjecttoavailabilityofseats). Such alternate arrangements will be made by the Head of Department, with due notification and time-framed schedule, within the FIRST WEEK from the commencement of Class-work for thatSemester.

5.0 AttendanceRequirements

The programmes are offered based on a unit system with each subject being considered a unit.Attendanceiscalculatedseparatelyforeachsubject.

5.1 Attendance in all classes (Lectures/Laboratories) is compulsory. The minimum required attendance ineachtheorysubject(*alsomandatoryAuditCourses*)includingtheattendanceofmid-termexamination/ Laboratory etc. is 75%. Two periods of attendance for each theory subject shall be considered, if thestudent appears for the mid-term examination of that subject. A student

shall not be permitted to appear for the Semester End Examinations (SEE), if his attendance is less than 75%.

- 5.2 Astudent'sSeminarreportand presentationon MiniProjectshallbeeligible forevaluation,onlyifheensuresaminimumof75% of his attendance in Seminarpresentation classes on MiniProject during that Semester.
- **5.3** Condoning of shortage of attendance (between 65% and 75%) up to a maximum of 10% (considering the days of attendance in sports, games, NCC, NSS activities and Medical grounds) in each subject(Theory/Lab/Mini Project with Seminar) of a semester shall be granted by the College AcademicCommitteeongenuinereasons.
- **5.4** A prescribed fee per subject shall be payable for condoning shortage of attendance after getting theapproval of College Academic Committee for the same. The College Academic Committee shallmaintainrelevantdocumentsalongwiththerequestfromthestudent.
- 5.5 ShortageofAttendancebelow65%inanysubjectshallin**nocasebecondoned.**
- **5.6** A Student, whose shortage of attendance is not condoned in any Subject(s) (Theory/Lab/Mini Projectwith Seminar) in any Semester, is considered as 'Detained in that Subject(s), and is not eligible towrite Semester End Examination(s) of such Subject(s), (in case of Mini Project with Seminar, his/herMini Project with Seminar Report or Presentation are not eligible for evaluation) in that Semester; andhe/she has to seek re-registration for those Subject(s) in subsequent Semesters, and attend the sameasandwhenoffered.
- **5.7** A student fulfills the attendance requirement in the present semester, shall not be eligible forreadmissionintothesameclass.
- **5.8** a)Astudentshallputinaminimumrequiredattendanceinatleast**threetheorysubjects**(excluding*mandato ry*(*non-creditaudit*)course)infirstYearIsemesterforpromotiontofirstYearII Semester.

b) A student shall put in a minimum required attendance in at least **three theory subjects** (**excluding***mandatory* (*non-credit audit*) **course**) in first Year II semester for promotion to second Year ISemester.

6.0 AcademicRequirements

The following academic requirements must be satisfied, in addition to the attendance requirementsmentioned in item no. 5. The performance of the candidate in each semester shall be evaluated subject-wise, with a maximum of 100 marks per subject / course (theory / practical), based on Internal EvaluationandSemesterEndExamination.

- 6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if hese cures not less than:
 - 40% of Marks (24 out of 60 marks) in the Semester End Examination;
 - $\bullet \ 40\% of Marks in the internal examinations (16 out of 40 marks all otted for CIE); and$
 - Aminimumof50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades this implies securing **'B'**Gradeorabove in a subject.

6.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allottedto Mini Project with seminar, if student secures not less than 50% marks (i.e. 50 out of 100 allottedmarks). The student would be treated as failed, if student (i) does not submit a seminar report on MiniProject or does not make a presentation of the same before the evaluation committee as per

scheduleor(ii) secures less than 50% marks in MiniProject with seminarevaluation. The failed students h all reappear for the above evaluation when the notification for supplementary examination is issued.

6.3 A student shall register for all subjects for total of 68 credits as specified and listed in the coursestructure for the chosen specialization, put in the required attendance and fulfill the academicrequirements for securing 68 credits obtaining a minimum of B' Grade or above in each subject, andall 68 credits securing Semester Grade Point Average (SGPA) ≥6.0 (in each semester) and finalCumulative Grade Point Average (CGPA) (i.e., CGPA at the end of PGP) ≥6.0, and shall pass all themandatoryAuditCoursestocompletethePGPsuccessfully.

Note:(1)TheSGPA will be computed and printed on the mark smemoonly if the CandidatepassesinallthesubjectsofferedandgetsminimumBgradeinallthe

Subjects.

(2) CGPAiscalculatedonlywhenthecandidatepassesinallthesubjects offeredinallthesemesters

- 6.4 MarksandLetterGradesobtainedinallthosesubjectscoveringtheabovespecified68creditsaloneshall be considered for the calculation of final CGPA, which will be indicated in the Grade Card /MarksMemoofsecondyearsecondsemester.
- 6.5 If a student registers for extra subject(s) (in the parent department or other departments/ branches ofEngineering) other than those listed subjects totaling to 68 credits as specified in the course structure, the performance in extra subject(s) (although evaluated and graded using the same procedure as that of the required 68 credits) will not be considered while calculating the SGPA and CGPA.For suchextra subject(s) registered, percentage of marks and Letter Grade alone will be indicated in the GradeCard / Marks Memo, as a performance measure, subject to completion of the attendance and academicrequirementsasstatedinitems5and6.1-6.3.
- 6.6 When a student is detained due to shortage of attendance in any subject(s) in any semester, no Gradeallotment will be made for such subject(s). However, he is eligible for re-registration of such subject(s)in the subsequent semester(s), as and when next offered, with the academic regulations of the batchinto which he is re-registered, by paying the prescribed fees per subject. In all these reregistrationcases, the students hall have to secure a fresh set of internal marks and Semester End Examinat ionmarksforperformanceevaluationinsuchsubject(s),andSGPA/CGPAcalculations.
- **6.7** A student eligible to appear for the Semester End Examination in any subject, but absent from it orfailed (failing to secure 'B' Grade or above), may reappear for that subject at the supplementary examination as and when conducted. In such cases, his Internal Marks assessed earlier for

thatsubjectwillbecarriedover, and added to the marks secured in the supplementary examination, for the purpose of evaluating his performance in that subject.

6.8 A Student who fails to earn **68** credits as per the specified course structure, and as indicated above, within **four** academic years from the date of commencement of his first year first semester, shall for feith is seat in M. Tech. programme and his admission **shall stand cancelled**.

7.0 Evaluation-DistributionandWeightageofMarks

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.

OutlineforContinuousInternalAssessments (CIA-1andCIA-2)andSEE:

Activities	CIA-1	CIA-2	SEE	TotalMarks
ContinuousInternalExamination(CIE)	10marks	10marks		20marks
Quiz	5 marks	5 marks		10 marks
Comprehensive Assessment Tool (CAT)	5 marks	5 marks		10 marks
SemesterEndExamination(SEE)			60marks	60marks
Total			100marks	

7.1 ContinuousInternalAssessments(CIA-1andCIA-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.

7.1.1 Continuous Internal Examination (CIE)

- Fortheorycourses, twoContinuous Internal Examinations (CIE-landCIE-II) shall be conducted in each semester as per the academic calendar. Each Continuous Internal Examination shall be evaluated for 30 marks. To finalize CIE marks these 30 marks will be scale down to 10 marks.
 - Thetime durationofeach CIE shallbe1hour and 30 minutes.
 - Questionpaperpatternfor CIE(**30Marks**)shallbeas follows:

PART-A: 5X2M=10M

- a. Allquestionsarecompulsory.
- b. 02questionsfrom full units and one question from half unit.

PART-B: 4*5=20M

- a. Thereshallbeatotalof06questions.
- b. ThereshallbetwoquestionsfromeachUNIT with internal choice i.e., 'either'' or' choice.
- c. Studentshallansweronequestion fromeachUNIT.

7.1.2. Quiz – Online Examination:

Two Quiz examinations shall be online examination 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.

7.1.3 Comprehensive Assessment Tool (CAT):

- In order to encourage innovative methods while delivering a course, the faculty members are encouraged to use the CAT. 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 includeCertificate of completion from Open Coding platforms such as Hacker rank, codechef etc., Tech talk, assignments, term paper, open ended experiments, METE (Modeling and Experimental Tools in 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 classes, course wise.
- In case of a student who has failed to attend the CIA1 or CIA2 on a scheduled date, shall be deemed that the student has dropped the examination. However, in case a student could not take the test on scheduled date due to genuine reasons, may appeal to the HOD / Principal. The HOD / Principal in consultation with the mentor/ class in-charge shall decide about the genuineness of the case and decide to conduct Make-Up examination to such candidate on the date fixed by the Examinations Control Office.

Semester End Examination (SEE)

The semester end examinations (SEE), for theory courses, will be conducted for 60 marks.

• QuestionpaperpatternforSEE (60Marks)shallbeasfollows:

PART-A:

5X2M=10M

- a. Thereshallbeonequestionfromeach UNIT.
- b. Allquestionsare compulsory.

PART-B: 5X10 M=50M

- a. There will be no choice for first and second modules. From third module onwards there will be an "either" "or" choice, and the student should answer either of the two questions. Each question carries 10 marks and has two parts (a and b). Part- a is a descriptive type question for 5 marks and Part b is a critical thinking question / problem solving question for 5 marks.
- b. Thestudentshallansweronequestion fromeachUNIT.
- c. Therecouldbeamaximumoftwosubdivisionsinaquestioni.e.,(a)and/or (b).
- 7.2 For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40marksand60marksforsemesterendexamination.Outofthe40marksforinternalevaluation:
- 1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure,expectedoutcome)whichshallbeevaluatedfor10marks
- 2. 10marksforviva-

voce (or) tutorial (or) cases tudy (or) application (or) poster presentation of the course concerned.

- 3. Internalpracticalexaminationconductedbythelaboratoryteacherconcernedshallbeevaluatedfor1 0marks.
- 4. The remaining 10 marks are for Laboratory Project, which consists of the Design (or) Software /Hardware Model Presentation (or) App Development (or) Prototype Presentation submission whichshall be evaluated after completion of laboratory course and before

semester end practicalexamination.

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

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

- 1. 10marksforwrite-up
- 2. 15forexperiment/program
- 3. 15 for evaluation of results
- $\label{eq:2.1} 4. \ 10 marks for presentation on another experiment/program in the same laboratory course and$
- 5. 10 marks for viva-voce on concerned laboratory course.
- The Student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and Overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks taking together.

The student is eligible to write Semester End Examination of the concerned subject, if the student scores $\geq 40\%$ (16 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 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE.

- 7.3 For conducting laboratory end examinations of all PG Programmes, one internal examiner and oneexternalexamineraretobeappointedbythePrincipaloftheCollege.Theexternal examiner should selected from outside the College concerned but within the cluster. be Noexternalexaminershould beappointed inthe fromanyotherCollege samecluster/anyotherclusterwhichisrunbythesameManagement.
- 7.4 There shall be Mini Project with Seminar during I year II semester for internal evaluation of 100 marks. The Departmental Academic Committee (DAC) will review the progress of the miniproject durin gthese minarpresentations and evaluate the same for 50 marks. MiniProject Viva Voce will be evaluated by the DAC for another 50 marks before the semester end examinations. Student shall carryout the miniproject inconsultation with the miniproject supervisor which may include critically reviewing the literature, project implementation and submit it to the department in the form of a report and shall make an oral presentation before the DAC consisting of Head of the Department, Mini Project supervisor

and two others enior faculty members of the department The student has to secure a minimum of 50% of marks in i) seminar presentation and ii) miniproject viva voce, to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same as and when scheduled.

- **7.5** Every candidate shall be required to submit a dissertation on a topic approved by the DissertationReviewCommittee.
- 7.6 ADissertationReviewCommittee(DRC)shallbeconstitutedwiththeHeadoftheDepartmentasChairp

erson, Dissertation Supervisor and one senior faculty member of the Department offering theM.Tech.programme.

- **7.7** RegistrationofDissertationWork:AcandidateispermittedtoregisterfortheDissertationWorkaftersat isfyingtheattendancerequirementinallthesubjects,boththeoryandlaboratory.
- **7.8** After satisfying 7.9, a candidate must present in *Dissertation Work Review I*, in consultation with hisDissertation Supervisor, the title, objective and plan of action of his Dissertation work to the DissertationReviewCommittee(DRC)forapproval*withinfourweeks*fromthecommencementof**Sec ondyearFirst Semester**.Only after obtaining the approvalof the DRC can the student initiate the Dissertationwork.
- 7.9 If a candidate wishes to change his supervisor or topic of the Dissertation, he can do so with theapprovaloftheDRC.However,theDRCshallexaminewhetherornotthechangeoftopic/supervisorl eadstoamajorchangeofhisinitialplansofDissertationproposal. Ifyes,hisdateofregistrationfortheprojectwork startsfromthedateofchangeofSupervisorortopicasthecasemaybe.
- 7.10 Acandidateshallsubmit hisDissertationprogressreportintwostagesatleastwithagapof**three**monthsbetweenthem.
- **7.11** The work on the Dissertation shall be initiated at the beginning of the II year and the duration of theDissertation is two semesters. A candidate is permitted to submit Dissertation Thesis only aftersuccessful completion of all theory and practical courses with the approval of DRC *not earlier than 40weeks* from the date of approval of the Dissertation work. For the approval of DRC, the candidate shallsubmit the draft copy of thesis to the Head of the Department and make an oral presentation before theDRC.
- **7.12** *The Dissertation Work Review II* in II Year I Semester carries 100 internal marks. Evaluation shouldbe done by the DRC for 50 marks and the Supervisor will evaluate the work for the other 50

marks.TheSupervisorandDRCwillexaminetheProblemDefinition,Objectives,ScopeofWork,Liter atureSurvey in the same domain and progress of the Dissertation Work.A candidate has to secure aminimum of 50% of marks to be declared successful in Dissertation Work Review - II.If he fails toobtain the minimum required marks, he has to reappear for Dissertation Work Review - II as and whenconducted.

The Dissertation Work Review - III in II Year II Sem. carries 100 internal marks. Evaluation should 7.13 bedone by the DRC for 50 marks and the Supervisor will evaluate it for the other 50 marks. The DRC willexamine the overall progress of the Dissertation Work and decide whether or not the Dissertation iseligible for final submission. A candidate has to secure a minimum of 50% of marks declaredsuccessfulinDissertationWorkReviewto be III.Ifhefailstoobtaintherequiredminimummarks, hehasto reappear for Dissertation Work Review when conducted. For Dissertation Ш as and Evaluation(VivaVoce)in IIY earIIS emester there are external marks of 100 and it is evaluated by the external examiner.The candidate has to secure a minimum of 50% marks in Dissertation Evaluation (Viva-Voce)examination.

7.14 Dissertation Work Reviews - II and III shall be conducted in phaseI (Regular) and Phase II(Supplementary). PhaseIIwillbeconductedonly forunsuccessfulstudentsinPhaseI.Theunsuccessful students in Dissertation Work Review - II (Phase II) shall reappear for it at the time ofDissertationWorkReview-III(PhaseI).ThesestudentsshallreappearforDissertationWorkReview- III in the next academic year at the time of Dissertation Work Review - II only after completion of Dissertation Work Review II. and then Dissertation Work Review _ III follows. The unsuccessfulstudentsinDissertationWorkReview-III(PhaseII)shallreappearforDissertationWorkReview-

III in the next academic year only at the time of Dissertation Work Review-II (PhaseI).

7.15 After approval from the DRC, a soft copy of the thesis should be submitted for <u>ANTI-PLAGIARISM</u>checkandtheplagiarismreportshouldbesubmittedtotheUniversityandbeincludedinthefi nalthesis. The Thesis will be accepted for submission, if the similarity index is less than 30%. If the similarityindex has more than the required percentage, the student is advised to modify accordingly and re-submitthesoftcopyofthethesisafteronemonth. Themaximum numberofre-submissionsofthesisafterplagiarismcheckislimitedtoTWO. The candidatehastoregisterfortheDisse rtationworkandwork for two semesters. After three attempts, the admission is liable to be cancelled.

college authorities are advised to make plagiarism check of every soft copy of these submissions.

- **7.16** Student has to publish paper in Scopus/WoS journals to before going to external viva-voce examination.
- 7.17 ThreecopiesoftheDissertationThesiscertifiedbythesupervisorshallbesubmittedtotheCollege/Scho ol/Institute, after submission of a research paper related to the Dissertation work in a UGCapprovedjournal.Acopyofthesubmittedresearchpapershallbeattachedtothesis.
- **7.18** The thesis shall be adjudicated by an external examiner selected by the University. For this, thePrincipal of the College/School/Institute shall submit a panel of **three** examiners from among the list of experts in the relevant specialization as submitted by the supervisor concerned and Head of theDepartment.
- **7.19** If the report of the external examiner is unsatisfactory, the candidate shall revise and resubmit theThesis. If the report of the examiner is unsatisfactory again, the thesis shall be summarily rejected.Subsequentactionsforsuchdissertationsmaybeconsidered,onlyonthespecificrecommenda tionsof the external examiner and/or Dissertation Review Committee. No further correspondence in thismatterwillbeentertained,if thereisnospecificrecommendationforresubmission.
- **7.20** If the report of the examiner is satisfactory, the Head of the Department shall coordinate and makearrangements for the conduct of Dissertation Viva-Voce examination. The Dissertation Viva-

Voce examination shall be conducted by aboard consisting of the Supervisor, Head of the Department and the external examiner who adjudicated the Thesis. The candidate has to secure a minimum of 50% of marks in Dissertation Evaluation (Viva-Voce) examination.

7.21 If he fails to fulfill the requirements as specified in 7.21, he will reappear for the Dissertation Viva-

Voceexamination *only after three months*. In the reappeared examination also, if he fails to fulfill therequirements, he will not be eligible for the award of the degree, unless he is asked to revise

and resubmithis Dissertation Work by the board within a specified time period (within four years from the date of commencement of his first year first semester).

- **7.22** The Dissertation Viva-Voce External examination marks must be submitted to the College exambranch on the dayoftheexamination.
- 7.23 For mandatory non-credit Audit courses, a student has to secure 40 marks out of 100 marks (i.e.40%ofthemarksallotted)inthecontinuousinternalevaluationforpassingthesubject/course.Th esemarksshouldalsobeuploadedalongwiththeinternalmarksofothersubjects.
- 7.24 No marks or letter grades shall be allotted for mandatory non-credit Audit Courses. OnlyPass/FailshallbeindicatedinGradeCard.

8.0 Re-Admission/Re-Registration

8.1 Re-AdmissionforDiscontinuedStudent

Astudent,

whohasdiscontinuedtheM.Tech.degreeprogrammeduetoanyreasonwhatsoever,maybeconsideredf or **'readmission'**into the same degree programme (with the same specialization) with the academic regulations of the batch into which he gets readmitted, with prior permission from the authorities concerned, subject to item 6.6.

8.2 If a student is detained in a subject (s) due to shortage of attendance in any semester, he may bepermitted to **re-register** for the same subject(s) in the same category (core or elective group) orequivalent subject, if the same subject is not available, as suggested by the Board of Studies of

thatdepartment, as and when offered in the subsequent semester (s), with the academic regulations of the batch into which he seeks re-registration, with prior permission from the authorities concerned, subject to item 3.2

8.3 A candidate shall be given only one-time chance to re-register and attend the classes for a maximum of two subjects in a semester, if the internal marks secured by a candidate are less than 40% and failed in those subjects butfulfilledtheattendancerequirement. Acandidatemustre-registerforfailedsubjectswithinfourweeksofcommencementoftheclassworkandsecuretherequired minimumattendance. Intheeventof the student taking this chance, his Continuous Internal Evaluation (internal) marks and Semester EndExaminationmarksobtained inthe previous attemptstand cancelled.

9.0 ExaminationsandAssessment-TheGradingSystem

- **9.1** Grades will be awarded to indicate the performance of each student in each Theory Subject, orLab/Practicals, or Mini Project with Seminar, Dissertation, etc., based on the percentage of marksobtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both takentogether)asspecifiedinItem7above,andacorrespondingLetterGradeshallbegiven.
- 9.2 As a measure of the student's performance, a 10-point Absolute Grading System using the

following Letter Grades (UGCG uidelines) and corresponding percentage of marks shall be followed:

%of	LetterGrade(UGC		
MarksSecuredinasubject/Course(ClassI	Guidelines)	GradePoints	
ntervals)			
90% andabove(≥90%,≤100%)	O(Outstanding)	10	
Below90% butnotless than 80%	A ⁺ (Excellent)	0	
(≥80%,<90%)	A (Excellent)	9	
Below80%butnotlessthan70%	A(VeryGood)	8	
(≥70%,<80%)	A(Very0000)	0	
Below70% butnotless than 60%	$B^+(Good)$	7	
(≥60%,<70%)	D (0000)	/	
Below60% butnotless than 50%	$\mathbf{D}(\mathbf{z}_1, \dots, \mathbf{z}_{n-1})$	6	
(≥50%,<60%)	B(aboveAverage)	6	
Below50%(<50%)	F(FAIL)	0	
Absent	Ab	0	

9.3 Astudentobtaining **'F'**GradeinanySubjectisdeemedtohave 'failed' and is required to reappear as 'Sup plementary Candidate' for the Semester End Examination (SEE), as and when conducted. In such cases, his Internal Marks (CIEMarks) in those subjects will remain a sobtained earlier.

9.4 If

astuden thas not appeared for the examinations, `Ab' Gradewill be allocated to him for any subject and shall be considered `failed' and will be required to reappear as `Supplementary Candidate' for the Semester EndExamination (SEE), as and when conducted.

- **9.5** ALetterGradedoesnotimplyanyspecificmarkspercentage;itisonlytherangeofpercentageofmarks.
- **9.6** In general, a student shall not be permitted to repeat any Subject/ Course (s) only for the sake of 'GradeImprovement'or'SGPA/CGPAImprovement'.
- **9.7** AstudentearnsGradePoint(GP)ineachSubject/Course,onthebasisoftheLetterGradeobtainedby him in that Subject/ Course.The corresponding 'Credit Points' (CP) are computed by multiplying theGradePointwithCreditsforthatparticularSubject/Course.

CreditPoints(CP)=GradePoint(GP) xCredits....ForaCourse

- 9.8 ThestudentpassestheSubject/CourseonlywhenhegetsGP≥6(BGradeor above).
- 9.9 TheSemesterGradePointAverage

Subjects/ (SGPA) is calculated by dividing the Sum of Credit Points (ΣCP) secured from ALL Courses registered in Semester. the Total Number of Credits а by registeredduringthatSemester.SGPAisroundedofftoTWODecimalPlaces.SGPAisthuscomputed as

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

where 'i' is the Subject indicator index (taking into account all Subjects in a Semester), 'N' is the no. of Subjects 'REGISTERED' for the Semester (as specifically required and listed under the CourseStructure of the parent Department), C_i is the no. of Credits allotted to the ith

Subject,

represents the Grade Points (GP) corresponding to the Letter Grade awarded for that ith Subject.

9.10 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of astudentoverallSemestersconsideredforregistration.TheCGPAistheratiooftheTotalCreditPoints secured by a student in ALL registered Courses in ALL Semesters, and the Total Number of Creditsregistered in ALL the Semesters. CGPA is rounded off to TWO Decimal Places. CGPA is thus

computed from the IY ear Second Semester on wards, at the end of each Semester, as per the formula

$$CGPA = \{ j=1 \\ k \in \mathbb{N} \\ j=1 \\ k \in \mathbb{N} \\ j \neq j \\ k \in \mathbb{N} \\ j \neq j \\ k \in \mathbb{N} \\ j \neq j \\ k \in \mathbb{N} \\ k \in \mathbb{N}$$

where 'M' is the TOTAL no. of Subjects (as specifically required and listed under the Course Structure of the parent Department) the Student has 'REGISTERED' for from the 1st Semester onwards up to and inclusive of the Semester S (obviously M > N), 'j' is the Subject indicator index (taking into account all Subjects from 1 to SSemesters), **C**_j is the no. of Credits all otted to the jth Subject, and **G**_j represents the Grade Points (GP) corresponding to the Letter Grade awarded for that jth Subject. After regis stration and completion of I Year I Semester however, the SGPA of that Semester itself may be taken as the CGPA, as the reareous under the structure of the s

Course/Subject	Credits	Letter Grade	Grade points	CreditPoi nts
Course1	4	А	8	4*8=32
Course2	4	0	10	4*10=40
Course3	4	В	6	4*6=24
Course4	3	В	6	3*6=18
Course5	3	A+	9	3*9=27
Course6	3	В	6	3*6=18
	21			159
SGPA=159/21=7.57				

IllustrationofcalculationofSGPA

IllustrationofcalculationofCGPA

Semester	Credits	SGPA	Credits*SGPA		
SemesterI	24	7	24*7=168		
SemesterII	24	6	24*6=144		
SemesterIII	24	6.5	24*6.5=156		
SemesterIV	24	6	24*6=144		
	96		612		

CGPA=612/96=6.37

10.0 AwardofDegreeandClass

10.1 If a student who registers for all the specified Subjects/ Courses as listed in the Course Structure, satisfies all the Course Requirements, and passes the examinations prescribed in

entire

the

PGProgramme(PGP),andsecures therequired number of **68**Credits (with CGPA ≥ 6.0), shall be declared to have 'QUALIFIED' for the award of the M.Tech. Degree in the chosen Branch of Engineering and Technology with the specialization that he was admitted into.

10.2 AwardofClass

After a student has earned the requirements prescribed for the completion of the programme and iseligible for the award of M.Tech. Degree, he shall be placed in one of the following three classes basedontheCGPA:

ClassAwarded	CGPA
FirstClasswithDistinction	≥7.75
FirstClass	6.75≤CGPA<7.75
SecondClass	6.00≤CGPA<6.75

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

11.0 WithholdingofResults

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

12.0 General

- **12.1 Credit**: A unit by which the course work is measured. It determines the number of hours of instructions required perweek. One creditise quivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work perweek.
- 12.2 CreditPoint:Itistheproductofgradepointandnumberofcreditsforacourse.
- 12.3 Whereverthewords"he", "him", "his", occurintheregulations, they shall include "she", "her".
- $\label{eq:12.4} 12.4 \quad The academic regulation should be read as a whole for the purpose of any interpretation.$
- **12.5** Incaseofanydoubtorambiguityintheinterpretationoftheaboverules,thedecisionofthecollege academic councilisfinal.

MALPRACTICESRULES

DISCIPLINARYACTIONFORIMPROPERCONDUCTINEXAMINATIONS

S.No	NatureofMalpractices/Impropercon	Punishment
	duct	
	If the candidate:	
1.(a)	Possessesorkeepsaccessibleinexamina	Expulsionfromtheexaminationhallandcanc
	tionhall,anypaper,notebook,programm	ellation of the performance in that
	ablecalculators,Cellphones,pager,	subjectonly.
	palm computers or any other form	
	ofmaterial concerned withor related to	
	thesubjecttotheexamination(theoryorp	
	ractical) in which he is appearing but	
	has notmade use of (material shall	
	include any markson the body of the	
	candidate which can	
	beusedasanaidinthesubjectoftheexami	
	nation).	
(b)	Gives assistance or guidance or	Expulsionfromtheexaminationhallandcanc
	receives it from any other candidate	ellation of the performance in that
	orally or by	subjectonlyofallthecandidatesinvolved.Inc
	anyotherbodylanguagemethodsorcom	aseofanoutsider, he will be handed over to
	municates through cell phones with	the police and a case is registered against him.
	anycandidateorpersonsinoroutside	
	theexamhallinrespectofanymatter.	
2.	Has copied in the examination hall	Expulsionfromtheexaminationhallandcanc
	from anypaper, book, programmable	ellation of the performance in that
	calculators,	subjectandallothersubjectsthecandidatehas
	palmcomputersoranyotherformofmate	alreadyappeared including practical
	rialrelevant to the subject to the	examinations and project work and shall not
	examination(theoryorpractical)inwhic	be permitted to appearfor the remaining
	hthecandidateisappearing.	examinations of the subjects
	ninecanuluatersappearing.	ofthatSemester/year.
		_
		becancelledandsenttotheUniversity.

3.	Impersonatesanyothercandidateincon	The candidate who has impersonated shall
5.	nectionwiththeexamination.	beexpelled from examination hall. The
		candidate
		isalsodebarredandforfeitstheseat.Theperfor
		mance of the original candidate, who
		hasbeenimpersonated, shall be cancelled in al
		lthesubjectsoftheexamination(includingpra
		cticalsand project work) already appeared
		and shall notbe allowed to appear for
		examinations of theremaining subjects of
		that semester/year. Thecandidate is also
		debarred for two consecutivesemesters
		from class work and all
		University examinations. The continuation of
		thecoursebythecandidateissubjecttotheaca
		demicregulationsinconnectionwithforfeitu
		reofseat.Iftheimposterisanoutsider,hewillb
		ehandedovertothepoliceandacaseisregister
		ed
4.	Smuggles in the Answer book or	againsthim. Expulsionfromtheexaminationhallandcanc
4.	additionalsheet or takes out or arranges	ellation of performance in that subject
	to send out thequestion paper during	andalltheothersubjectsthe candidate
	the examination oranswer book or	hasalreadyappeared including practical
	additional sheet, during	examinations and project work and shall
	oraftertheexamination.	not be permitted for theremaining
	oranerineexamination.	examinations of the subjects of
		thatsemester/year. The candidate is also
		debarredfor two consecutive semesters
		from class
		workandallUniversityexaminations.Theco
		ntinuation of the course by the candidate
		issubjecttotheacademicregulationsinconne
		ctionwithforfeitureofseat.
5.	Usesobjectionable, abusive or offensive	Cancellationoftheperformanceinthatsubject.
	languageintheanswerpaperorinletterst	× J
	otheexaminersorwritestotheexaminerr	
	equestinghimtoawardpassmarks.	
L		

6.	RefusestoobeytheordersoftheChiefSu perintendent/Assistant – Superintendent/anyofficerondutyormi sbehavesorcreatesdisturbance of any kind in and around theexamination hall or organizes a walk out orinstigates others to walk out, or threatens theofficer-in charge or any person on duty in oroutside the examination hall of any injury tohis person or to any of his relations whetherby words, either spoken or written or by signsorbyvisiblerepresentation,assault stheofficer-in- charge, or any person on duty in oroutside the examination hall or any of hisrelations,orindulgesinanyotheract ofmisconductormischiefwhichresultin damage to or destruction of property in theexamination hall or any part of the Collegecampusorengagesinanyotheract twhichintheopinionof theofficerondutyamountstouse of unfair means or misconduct or has	Incase of students of the college, they shall beexpelled from examination halls and cancellationoftheirperformanceinthatsubje ctandallothersubjects the candidate(s) has (have) alreadyappeared and shall not be permitted to appearfor the remaining examinations of the subjects ofthat semester/year. Thecandidatesalsoaredebarredandforfeitth eirseats.Incaseofoutsiders,theywillbehand edovertothepoliceandapolicecaseisregistere dagainst them.
	thetendencytodisrupttheorderlyconduct of the examination.	
7.	Leaves the exam hall taking away answerscript or intentionally tears of the script or anypar there of inside or outside the examinationhall.	Expulsionfromtheexaminationhallandcanc ellation of performance in that subject andalltheothersubjectsthe candidate hasalreadyappeared including practical examinations andproject work and shall not be permitted for theremaining examinations of the subjects of thatsemester/year. The candidate is also debarredfor two consecutive semesters from class workandallUniversityexaminations.Theco ntinuation of the course by the candidate issubjecttotheacademicregulationsinconne ctionwithforfeitureofseat.

8.	Possess any lethal weapon or firearm	Expulsionfromtheexaminationhallandcancellat
0.	in the examination hall.	ion of the performance in that
	in theoreminationnali.	subjectandallothersubjectsthecandidatehasalre
		adyappeared including practical examinations
		and project work and shall not be permitted for
		theremaining examinations of the subjects of
		thatsemester/year.Thecandidateisalsodebarred
		andforfeitstheseat.
9.	Ifstudentofthecollege,whoisnotacandi	Studentofthecollegesexpulsionfromtheexamin
	date for the particular examination	ationhallandcancellationoftheperformance in
	orany person not connected with the	that subject and all other subjects the candidate
	collegeindulgesinanymalpracticeorim	has already appeared
	properconductmentionedinclause6to8	includingpracticalexaminations andproject
		work and shall not be permitted for the remaining e
		xaminationsofthesubjectsofthatsemester/year.
		The candidate is also
		debarredandforfeitstheseat.Person(s)who
		donotbelong to the College will be handed
		over
		topoliceand, apolice case will be registered agains
		tthem.
10.	Comesinadrunkenconditiontotheexami	Expulsionfromtheexaminationhallandcancellat
	nationhall.	ion of the performance in that
		subjectandallothersubjectsthecandidatehasalre
		adyappeared including practical examinations
		andproject work and shall not be permitted for
		the remaining examinations of the subjects of that s
		emester/year.
11.	Copying detected on the basis of	Cancellation of the performance in that
	internalevidence, such as, during	subjectandallothersubjectsthecandidatehasapp
	valuation or duringspecialscrutiny.	earedincludingpracticalexaminationsandprojec
		tworkofthatsemester/yearexaminations.
12.	If any malpractice is detected which	
	is notcovered in the above clauses 1 to	
	11 shall bereportedtothecollege	
	academic council forfurtheractionto	
	awardsuitablepunishment.	