

Rules & Regulations 2020

for

Full time Diploma in Engineering Courses

(D.E)

Tripura University

(A Central University)

Suryamaninagar, Tripura (W)

#A. Table of Abbreviations

AICTE	All India Council Of Technical Education
TU	Tripura University
TBSE	Tripura Board of Secondary Education
CIA	Continuous Internal Assessment
SEE	Semester End Examination
MSE	Mid Semester Examination
SGPA	Semester Grade Point Average
CGPA	Cumulative Grade Point Average

#B. Course Code & Definition

Course Code	Definition
L	LECTURE
T	TUTORIAL
P	PRACTICAL
HS	HUMANITIES AND SOCIAL SCIENCES COURSES
BS	BASIC SCIENCE COURSES
ES	ENGINEERING SCIENCE COURSES
PC	PROGRAM CORE COURSES
PE	PROGRAM ELECTIVE COURSES
OE	OPEN ELECTIVE COURSES
AU	AUDIT COURSES
SI	SUMMER INTERNSHIP
PR	PROJECT
SE	SEMINAR

1.0. Preamble:

1.1 Engineering Education:

There is no more important mission for an engineering institution than the preparation of its undergraduates for their careers. In today's rapidly evolving engineering landscape, we have an increased obligation to transform the undergraduate educational experience from the traditional pedantic curriculum in explicit disciplines to a broader foundational experience for life-long success.

Being an engineering leader this century requires a broad education that goes beyond the classroom and the laboratory. The engineering profession is poised to make its most significant impact on human history in the coming century.

A great and vibrant **engineering education** is very **crucial** in the society. The graduates learn and develop products, which can solve the problems existing in a society. In addition, the graduated students will acquire great skills needed for further research and discovery.

The major Key to the nations prosperity and security during a international, knowledge-driven economy can be its leadership in technology and innovation. The true importance in engineering education can be measured from the changes we have seen globally. From Past years the world has faced indefinite challenges, diseases, energy crisis, development, climatic and other problems which needed some methods of solution and has being in some manner resolved by engineering resource involvement .In other words engineers secure the faith of growing economy. Indian Engineering Education represents one of the largest educational systems in the world. The challenges posed by this rapidly growing system in our country are extremely complex. While addressing the strategy of nurturing a large number of highly intelligent post-secondary students in a proper manner, quality of Engineering Education emerges as the issue of paramount importance. The focus should be drawn on training the mind and developing the power of analysis. This can be accomplished through a proper and well balanced curriculum and appropriate grading system. It should be remembered that the primary philosophy of the teaching should be to collect, collate and feed the information to the students in a digestible form.

1.2. Approach to Curriculum:

As a major objective of Diploma *engineering* education in India now is to develop *engineering* professionals having competencies, intellectual skills and knowledge equipping them to contribute to the society through productive and satisfying careers as *innovators, decision makers and leaders* in the national and global economies of the 21st century. According to the model scheme of instruction and syllabi proposed by AICTE, the *Approach to Curriculum for Diploma Engineering Programs* needs to lay special emphasis on the following objectives.

1.3. Objectives:

- To prepare the students to excel in various educational programs or to succeed in industry / technical profession through further education/training.
- To provide the students with a solid foundation in mathematical, scientific and *engineering & technology* fundamentals required to solve *engineering & technology* related problems.
- To train the students with a breadth of scientific and *technological* knowledge to comprehend, analyze, design & create novel products and solutions for real life problems.
- To inculcate in the students professional/ethical attitude, effective team work skills, multidisciplinary approach and to relate *engineering & technological* issues to a broader context.
- To provide the students with academic environment of excellence leadership, ethical guidelines and life-long learning needed for a long/productive career.

1.4. Expected Educational Outcomes:

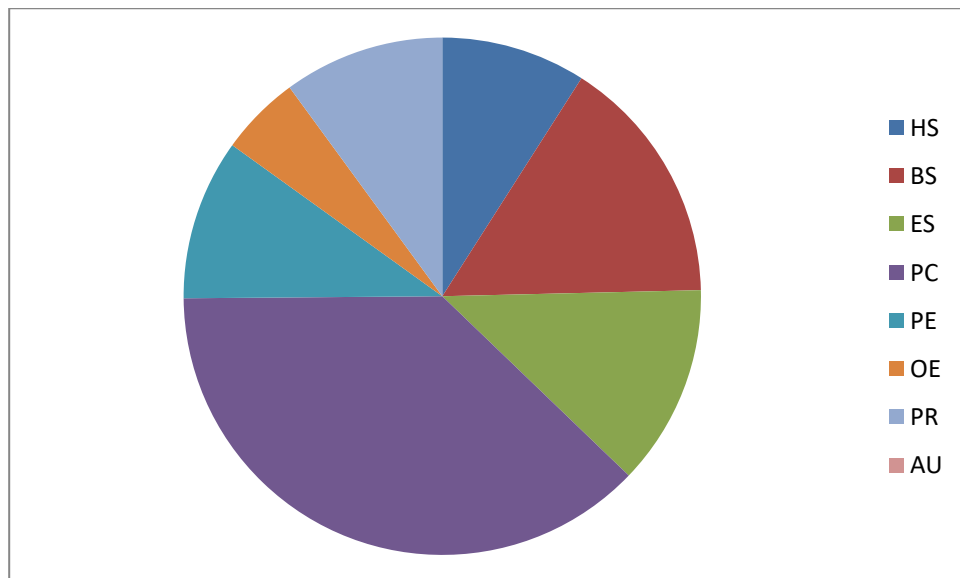
The following seven educational outcomes from the diploma engineering students are expected-

- **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- **Problem analysis:** Identify and analyze well-defined engineering problems using codified standard methods.
- **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- **Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

1.5. Major Groups of Subjects:

To fulfil the above objectives and outcomes of pass out diploma engineering students all the subjects are divided in the following major groups along with percentage representation in total credits-

- Humanities & Social Science(HS) – 9% of total credit
- Basic Sciences(BS) – 15% to 16% of total credit
- Engineering Sciences(ES) – 12% to 13% of total credit
- Program Core Course(PC) – 37% to 38% of total credit
- Program Elective Subjects(PE) – 10% of total credit
- Open Elective Course(OE) – 5% of total credit
- Project Work/ Seminar (PR) – 10% of total credit
- Audit Courses(AU) – Non-credit



2.0 Introduction to Diploma Engineering Programmes:

There shall be a program of study leading to the Diploma Engineering Program offered by the Tripura University in order to fulfil the objectives of creating quality manpower, both National and International, for producing Diploma Engineer in the branches as mentioned below. This curriculum along with rules and regulation will be in force w.e.f academic year 2020-21.

- Civil Engineering
- Mechanical Engineering
- Electronics & Communication Engineering
- Computer Engineering
- Electrical Engineering
- Information Technology
- Architectural Assistantship
- Automobile Engineering
- Medical Laboratory Technology
- Food Processing Technology
- Fashion Technology

New more branches may also be introduced in future as per requirements.

3.0 Salient Features of the Diploma Engineering Programmes :

- 3.1. **Semester Scheme:** Diploma Programme is of 3 academic years (=6 Semesters), with the year being divided into two Semesters of ~ 20 weeks (>=90 working days) each for course work, followed by Continuous Internal Assessment (CIA) in the Semester & Semester End Examination (SEE).
- 3.2. **Credit System:** The Diploma Programme is credit based system enabling quantification of course work, with specified credit being assigned to each unit after a student completes its teaching-learning process, followed by passing in both CIA & SEE.

Definition of Credit:

1 Hour Lecture (L) per week	1 credit
1 Hour Tutorial (T) per week	1 credit
1 Hour Practical (P) per week	0 credit
2 Hours Practical (P) per week	1 credit

- 3.3. **Credit Courses:** Students are to register in each semester for the courses assigned to the semester. Students earn One Credit by registering and passing:
 - (i) One hour/week/Semester for Theory/Lecture (L) Courses or Tutorials (T) and,
 - (ii) Two hours/week/Semester for Laboratory/Practical(P) Courses;

3.4. **Course Load:** First to fourth semester will have about 10-14 numbers of courses in each semester. However number of courses in the two semesters of 3rd year are lesser. In an average 20 credit subjects are assigned in a semester. A minimum total credit of any diploma in engineering programme is 120. Typical weekly Contact Hours in a semester is 30/Week. First & Second semester of the diploma programs will have common curriculum with credit 18 and 20 respectively.

3.5. **Mandatory and Audit Courses/ Activities:**

3.5.1 Induction program:

Two weeks Induction program is mandatory for 1st semester students:

Induction program (mandatory)	Two-week duration
Induction program for students to be offered right at the start of the first year.	<ul style="list-style-type: none"> • Physical activity • Creative Arts • Universal Human Values • Literary • Proficiency Modules • Lectures by Eminent People • Visits to local Areas • Familiarization to Dept./Branch & Innovations

3.5.2 Mandatory Visits/Workshop/Expert Lectures:

- a. It is mandatory to arrange one industrial visit every semester for the students of each branch.
- b. It is mandatory to conduct a One-week workshop during the winter break after fifth semester on professional/ industry/ entrepreneurial orientation.
- c. It is mandatory to organize at least one expert lecture per semester for each branch by inviting resource persons from domain specific industry.

3.5.3 Project work, Seminar and Internship in Industry or elsewhere

7-10 weeks summer internships mandatory in the new curriculum which will equip the students with practical understanding and training about industry practices in a suitable industry or organization.

Sl. No	Code No.	Course Title	Hours per week			Semester	Credits
			L	T	P		
1.	SI201	Summer Internship - I (3-4 weeks) after II nd Sem					2
2.	SI301	Summer Internship - II (4-6 weeks) after IV th Sem					3
3.	PR 202	Minor Project	0	0	4	IV	2
4.	PR302	Major Project	0	0	2	V	4
5.			0	0	6	VI	
6.	SE302	Seminar	1	0	0	VI	1
Total Credits							12

3.5.4 Audit Courses (Non-credit)

Note: These are mandatory non-credit courses.

Sl. No	Code No.	Course Title	Hours per week			Semester	Credits
			L	T	P		
1.	AU102	Environmental Science	2	0	0	II	0
2.	AU202	Essence of Indian Knowledge and Tradition	2	0	0	IV	0
3.	AU302	Indian Constitution	2	0	0	VI	0
Total Credits							0

3.6. **Course Evaluation:** *CIA*(Continuous Internal Assessment) and *SEE*(Semester End Examination) to constitute the major evaluations prescribed for each *Course*, with only those students maintaining a minimum standard in *CIA* being permitted to appear in *SEE* of the *Course*; *CIA* and *SEE* to carry 40% and 60% weightage respectively in theory subjects and in case of practical/sessional subjects *CIA* & *SEE* to carry 60% and 40% respectively, to enable each *Course* to be evaluated for 100 marks, irrespective of its *Credits* (except project work).

3.7. **CIA:** Break up of *CIA*

Subject Category	Total marks out of 100	Type of evaluation	Frequency of examination/s emester	Percentage of marks assigned	Remarks
Theoretical	40	Mid Semester Examination (MSE)	2	60 % of CIA = 24 Marks	To be conducted at Institute/ department level
		Quiz/Seminar/ group discussion	2	15% of CIA = 6 Marks	To be conducted by the Course Instructor
		Assignment	1	12.5% of CIA = 5 Marks	
		Attendance	Whole Semester	12.5% of CIA = 5 Marks	
Sessional / Practical	60	Laboratory work performance	Each week	30% of CIA = 18 Marks	To be conducted by the Course Instructor
		Laboratory Record Book	Each week	30% of CIA = 18 Marks	
		Practical Assignment	2	30% of CIA = 18 Marks	
		Attendance	Whole Semester	10% of CIA = 6 Marks	

3.7.1 Two Mid Semester Examinations (Each carrying 12 marks) under *CIA* for each theoretical subject shall be conducted at Institute/ department level.

3.7.2 If, any student fails to attend any one of the MSE's for genuine reasons or performs poorly in both the MSEs then provision for special MSE may be arranged as per the discretion of the faculty concern & HOD/ Head of the Institution.

3.7.3 A student shall be awarded the following marks for his / her Class Attendance under CIA in a theoretical & practical/sessional paper: —

CLASS ATTENDANCE	Marks to be awarded for class attendance	
	For Theoretical Subjects (Full marks 5)	For Practical/ Sessional Subjects (Full marks 6)
91% to 100%	5	6
86% to 90%	4	5
81% to 85%	3	4
78% to 80%	2	3
75% to 77%	1	2

3.8. SEE: To be conducted by the University and cover the entire *Course Syllabi*. There will be four modules in a theoretical course. *SEE* questions to be set from each module giving equal weight with choice if any, to be confined to module concerned only. The questions to be comprehensive emphasizing analysis, synthesis, design, problems & numerical quantities. The distribution of weightage for SEE is as follows:

Subject Category	Type of evaluation	Frequency of examination/ semester	Percentage of marks assigned	Remarks
Theoretical	Semester End Examination (SEE)	1	100 % of SEE (60 Marks)	To be conducted centrally by TU at Institute level
Sessional /Practical	End Semester Practical Examination	1	50% of SEE (20 Marks)	To be conducted by the Course Instructor
	Viva – voce	1	50% of SEE (20 Marks)	To be conducted jointly by the Course Instructor and Faculty/ Expert from other institution/ Relevant Industry as external expert.

4. Grading and Grade Points:

Each course (Theory/Practical) is to be assigned 100 marks, irrespective of the number of credits, and the mapping of marks to grades may be done as per the following table:

Range of Percentage	Letter Grade	Grade Point (GP)
91-100	<i>O(Outstanding)</i>	10
81-90	<i>A+(Excellent)</i>	9
71-80	<i>A(Very Good)</i>	8
61-70	<i>B+(Good)</i>	7
51-60	<i>B(Average)</i>	6
46-50	<i>C(Poor)</i>	5
40-45	<i>D</i>	4
0-39	<i>F(Fail)</i>	0
-	FR (Fail due to shortage of attendance and therefore, to repeat the course)	

4.1 Calculation of SGPA & CGPA

The GPA of a student at the end of each semester is calculated by dividing the Total Credit Point secured in all subjects divided by the Total Credits of that semester where Credit Point mean the figure arrived at by multiplying the Grade Point secured by a student in a subject with the Credit of that subject. Therefore mathematically,

Credit Point of a Subject = Grade Point secured in that Subject × Credits of that Subject

$$\text{SGPA} = \frac{\text{Total Credit Points Secured in All the Subjects of a Semester}}{\text{Total Credits of All Subjects of that Semester}}$$

$$\text{S.G.P.A.} = \frac{\sum_{i=1}^n C_i \times P_i}{\sum_{i=1}^n C_i}$$

Where,

C_i = Number of Credits of the i^{th} course of a semester for which SGPA is to be calculated

P_i = Grade Point obtained in i^{th} course

$i = 1, \dots, n$, represent the number of course in which a student is registered in the concerned semester.

$$\text{CGPA} = \frac{\text{Total Credit Points Secured in All 6 (six) Semesters}}{\text{Total Credits of All 6 (six) Semesters}}$$

$$\text{C.G.P.A.} = \frac{\sum_{i=1}^m C_i \times P_i}{\sum_{i=1}^m C_i}$$

Where,

C_i = Number of Credits of the i^{th} course of a semester.

P_i = Grade Point obtained in i^{th} course.

A grade lower than 'P' (i.e. grade point < 4) in a course shall not be taken into account.

$i = 1, \dots, m$, represent the number of courses in which a student was registered and obtained a grade not lower than 'P' upto that semester for which CGPA is to be calculated.

4.2. Pass Grade and Awarding of Class

Pass Grade and Awarding of Class for a particular semester

- (a) Pass Grade of a Semester = 4.0 (SGPA = 4)
- (b) In a particular semester a candidate cannot get F grade in more than three subjects.
- (c) A candidate cannot have more than 5 numbers of subjects (in total) with grade F to qualify for the next semester.
- (d) If a candidates fails to qualify due to not satisfying the conditions laid in 4.2.(b) & 4.2.(c) then the candidate have to take readmission in the same semester and repeat the semester again.
- (e) Second Class = 4.0 SGPA to below 6.5 SGPA
- (f) First Class = 6.5 SGPA & above

Pass Grade and Awarding of Class for the entire Diploma Engineering Course

- (a) Pass Grade = 4.0 (CGPA = 4) (with none of the Courses registered in any Semester remaining with F Grade)
- (b) Second Class = 4.0 CGPA to below 6.5 CGPA
- (c) First Class = 6.5 CGPA to below 7.5 CGPA
- (d) First Class with Distinction = 7.5 CGPA & above (With no subjects having grade F in any of the semesters)

4.3 Percentage calculation

Equivalent percentage against a SGPA or CGPA earned can be computed as-

$$\% \text{ of Marks} = 9.5 \times (\text{SGPA or CGPA})$$

Credits Required for the Award of Diploma in Engineering: The minimum number of *Credits* to be earned by a student for the *Award of Diploma in Engineering* by Tripura University is 120. Also, each student has to successfully pass in the *Audit courses* as prescribed in the syllabus to qualify for the *award of Diploma in Engineering*.

4.4. Special Supplementary Examination

A special supplementary examination will be conducted within next three months from the date of publication of sixth semester result to facilitate the final year students to clear their papers/subjects with grade F of previous semesters, if any, for successful completion of Diploma Engineering program. However, the students, who have Back in Sessional Subject (s) are not eligible to appear in Supplementary Examination;

4.5. Re-admission and Casual admission

The students who obtained less than 4.0 Grade Point Average (Results shown as 'FAIL') in any semester examination are not eligible for promotion to next semester. Those students will have to take readmission in the semester in which they have declared as 'FAIL'. However, students who obtained 4.0 or above Grade Point Average and have paper(s) with grade F will be allowed for promotion to next semester and they will have to appear as CASUAL candidate in the next session for clearing their paper(s) with grade F.

4.5.1 RE-ADMISSION: Candidates failing in any semester/year examination of the Tripura University shall be considered for readmission to the same semester/year, without change of Course/Programme and Institute, subject to prevailing rules. Such readmitted candidate forfeits the claim on the marks obtained in any of the subjects/courses or passing heads during the earlier attempt/s.

A student, readmitted as a Regular Student, will be continuing studies in the semester to which he / she is readmitted afresh. He / She have to appear in all the theoretical and sessional papers of the semester examination in which he/she has been readmitted. The components of CIA will be awarded afresh.

4.5.2 CASUAL ADMISSION: A student, enrolled as a Casual Student, has to appear only in the paper(s) with grade F [theoretical and/or sessional] of the respective semester examination(s). The components of CIA of the paper(s) with grade F, as being sent up by the Polytechnic / Institute previously, will remain unchanged.

5.0. Eligibility Criteria for Admission :

As per the guidelines of AICTE issued time to time.

6.0 Migration:

6.1 A candidate admitted to any diploma engineering courses shall not be permitted to pursue any other full time regular courses of any Board / Council / University or similar other bodies simultaneously.

6.2 If any student found to have taken admission to any other course as mentioned above in 6.1 at any point of time during or after admission, the admission of that student in diploma engineering shall be liable to get cancelled.

6.3 If a student, admitted to any diploma engineering course under Tripura University (TU), wants to get admitted to any other Course other than those under TU, has to apply for migration to the Registrar, TU after paying requisite Migration Fee.

6.4 A candidate who has passed his / her last examination from any board other than TBSE or from any University or who was admitted to the same, shall have to produce a Migration Certificate at the time of taking admission to the Diploma Engineering courses under TU; failing which, he/she will be

admitted provisionally and shall have to produce the Migration Certificate within three months from the date of provisional admission; otherwise his / her admission is liable to get cancelled.

7. Curricular structure and Syllabus:

The subjects of study in each semester, the number of lecture/tutorial/ practical periods allotted per week to each subject, the total marks and credit allotted etc. for the University examinations shall be in accordance to the approved curricular structure & syllabus of the Programme.

The syllabi may be modified from time to time.

8. Eligibility criteria for appearing at the End Semester Examination:

8.1 A candidate has to attend a regular course of study in Theory, Practical/ Sessional with a minimum overall attendance of 75%.

8.2 Student having less than 75% but more than 60% attendance shall be treated as non-collegiate student. Such students shall have to pay non-collegiate fees as prescribed by the university from time to time.

8.3 Students having attendance less than 60% shall be termed as dis-collegiate students. Such student shall not be allowed to fill up the examination forms and sit for SEE. They have to take admission afresh in the appropriate semester next time.

8.4 However in case the attendance of a candidate falls short by not more than 10% due to his/her own illness (duly certified by a registered medical practitioner) the head of the institute on recommendation of concerned HOD may condone such shortage at his/her discretion and permit the candidate to appear for examination, if he/she is otherwise eligible. Under no circumstances the students having attendance less than 50% should be allowed for SEE.

8.5 Period of involvement of a student in co-curricular/extracurricular activities with permission of appropriate authority be considered for calculating attendance percentage.

8.6 Students to appear in Mid Semester examination should have at least 60% attendance in each courses of the ensuing semester up to the date of commencement of Mid Semester examination.

8.7 The students need to clear up all the tuition fees and other fees.

8.8 No refund/adjustment of any fees paid to the University is permitted.

8.9 A student is to obtain minimum 40% marks in CIA in each course of a semester to enable the student to appear in *SEE* of the course.

8.10 The student is eligible in all respect to sit for the examination if the conduct/behaviour of the student has been satisfactory.

8.11 The candidate who does not fulfil the eligibility criteria to appear for examination shall be treated as defaulter and be disallowed for examination and detained in the same semester. Such candidate shall not be allowed to appear for examination even though he/she has submitted examination forms and paid fees.

8.12 A candidate has to complete the Diploma Programme within SIX (6) years from the year of first admission in the Program; otherwise his Registration in that Programme shall automatically be cancelled.

9.0 Conduct of the Examination:

10.1. There shall be SEE examination after each semester conducted by Tripura University.

10.2. A candidate who has fulfilled all the conditions shall submit application in the prescribed format to the Controller of Examinations along with the requisite fees prescribed by the university from time to time. The head of the Institute while forwarding such application form shall certify the entire requirement mentioned in the prescribed form.

10.3. For smooth conduct of the examination there shall be one Centre-in-Charge to be appointed by the Controller of Examinations. The Centre-in-Charge shall be responsible for keeping the answer scripts in sealed covers and handing over the same to the Controller of Examinations immediately after completion of the examinations.

10.4. The head of the Institute shall arrange to forward the sessional and internal assessments marks to the Controller of Examinations immediately after completion of the examinations.

10.5. Candidate shall not be admitted into the examination hall without valid admit card. However, the candidate may be allowed if the Centre-in-Charge is otherwise satisfied on the identity of the candidate.

10.6. Permission to appear at any University examination may be withdrawn before or during the course of the examination for any misconduct and for adopting any unfair means in the Examination hall. Centre-in-Charge may immediately expel such candidate issuing a notice for common circulation and intimating the Controller of Examinations with relevant papers immediately.

10.7 Student is required to bring pens, hard pencils, dividers, pencil-compasses, ruler or other drawing instruments for use in Examination Hall. They may also bring Electronic/ Scientific Calculator for calculation to be made during examination. No candidate shall be allowed to use Mobile Phone, Pager, Tab, Digital Diary or any other such electronic gadgets in the examination hall / corridor or toilet at the examination centre. Anyone found to possess such kind of aids will be liable for cancellation of candidature as well as other punitive measures with immediate effect.

10.8 Blank answer script shall be provided to all the students to write the answer and additional loose sheets, if required. On no account should any paper/ page be torn from the answer script or taken away from the Examination Hall.

10.9 The teacher(s) on invigilation duty shall have the power to call upon any candidate appearing at an examination to give a specimen signature for the purpose of identification.

10.10 No candidate shall be eligible to re-appear in any semester examination which He/ She has passed.

11.0 Medium of Examination

Candidates appearing for an examination of the Board shall have to write and communicate answers to the questions in written or oral examinations, through the medium of English language only, unless otherwise specified.

12.0 Processing Adversely Affected Result before its Declaration

When the result of an examination is found to have been adversely affected before its declaration, either on account of unexpectedly large number of failures in a subjects/courses due to the question paper/s being set beyond the scope of the Curriculum or on account of error, malpractice, fraud, improper conduct of examination or any other matter, such matter shall be placed before the appropriate authority of the Tripura University for its consideration and recommendations on further course of action in this behalf.

13.0 Allotment of Abnormally High or Low CIA Marks

In case it is revealed that the candidates of a particular course/programme of an institute has been allotted abnormally high or low CIA marks which is not in conformity to His/ Her merit, such cases shall be enquired into and the matter shall be placed before the appropriate authority of Tripura University/Head of the Institution for the recommendations to the extent of modifying the marks in proportion to the average marks of the whole class in the related theory/practical paper or all theory/practical papers of that examination, secured by the class, limited to the minimum marks for passing and consequent amendment in the result shall be effected. This provision may be exercised on special ground as per requirement.

14.0 Appointment of Paper Setters, Moderators and Examiners for SEE.

14.1. The Controller of Examinations shall appoint minimum two paper setters for each paper. All the Examiners shall submit the manuscripts of question paper to the Controller of Examinations.

14.2. The Controller of Examinations shall constitute a Board of Moderators for finalizing each and every question of theory papers of SEE.

14.3. The Controller of Examinations shall appoint the required number of examiners for evaluation of papers.

15.0 Distribution of Marks and Question Pattern in Theory Papers:

15.1. Each theory paper of 100 marks shall have two parts: *CIA* and *SEE*. *CIA* will be made on 40 whereas *SEE* will be made on 60 as per the break-up given in Section 3.7 and 3.8.

15.2 The syllabus of each theoretical paper is comprised of **five** modules. Questions to be set from each module giving equal weight with choice(s) confined to concerned module only. Each such question will carry 10 marks which can be distributed suitably into sub-parts if required. There shall be another compulsory question containing ten/five MCQ/short questions each carrying 1 or 2 marks respectively covering the all five modules of the syllabus.

15.3. Each Practical / Sessional paper will be of 100 marks which is divided in two parts *CIA* (**60 marks**) and *SEE* (**40 marks**) in the manner described in 3.7 and 3.8.

15.4. The assessment of project work to be carried out in the following manner:

Type of Examination	Type of evaluation	Frequency of examination/s semester	Percentage of marks assigned	Remarks
CIA	Presentation /Demonstration by project group	1	50 % of CIE (30 Marks)	To be conducted at department level. Assessment to be made by at least two teachers and the concerned project guide.
	Assessment by Respective Project Guide	1	50% of CIE (30 Marks)	To be evaluated by the concerned Project guide
SEE	Project Report	1	50% of SEE (20 Marks)	To be evaluated jointly by at least one teacher & the concerned project guide and one external expert from other Institution/ Industry
	Final Presentation /Demonstration	1	50% of SEE (20 Marks)	

16.0 Publication of Result:

16.1. The University shall publish the list of successful candidate by the recommendation of the Board of Examiners and after the meeting of the Technical Committee. However, The Controller of Examinations shall issue a notice mentioning the date of the meeting of the Board of Examiners.

16.2. Each candidate shall receive a Grade sheet mentioning the grade which the candidate obtained in each paper. The SGPA of the semester shall be mentioned in the Grade sheet.

17.0 Preservation of Answered Scripts and Attendance

17.1 The answer scripts of each theoretical paper of each semester examination of each student have to be preserved by the Senior Administrative Officer (Examination) in general for at least one year after the publication of result of the corresponding semester.

17.2 The answer scripts of each MSE of each theoretical subject of each semester of each student have to be preserved by the concerned subject teacher(s) for at least one year after the publication of result of the corresponding semester.

17.3 The Attendance of students of each subject of each semester has to be preserved in attendance registrar by the concerned subject teacher(s) over his / their signature(s) for at least one year after the publication of result of the corresponding semester.

18.0 Verification

18.1 There is no scope of reviewing the answer scripts of the students.

18.2 However students can apply for verification of grade obtained by him/her in any subject if he/she is not satisfied with the same. Such applications along with photocopy of concerned grade report & requisite fees should be submitted to the Controller of Examinations under cover of a letter issued by the Head of the Institution, duly recommended by the Head of the Department. The application should be submitted within 30 days from the publication of result.

18.3 'Verification' shall consist of verification of an answer script by the Senior Administrative Officer (Examination) first and if desired by him, then by a subject teacher. After verification, the concerned answer script may be shown to the concerned candidates in presence of his/her guardian.

19.0 Gracing

19.1 If a candidate obtains at least 50% of total marks in some of the heads of subject/course (theory, sessional, viva voce), but falls short by maximum up to 1% of the aggregate marks assigned to the examination for passing, such deficiency would be removed by adding maximum up to 1% of aggregate marks assigned to the examination, to the total marks obtained by the candidate in the examination.

OR

19.2 A candidate who fails to pass an examination by not more than 10 marks in aggregate and in not more than 2 theory papers and /or practical (including oral/ viva voce and/or sessional) such deficiency in marks in those 1 or 2 Theory papers and /or practical and /or oral (viva voce) and/ or sessional shall be condoned.

OR

19.3 Before publication of result if it is found that a student fails to pass in any theoretical subject for a shortfall of 1 (one) or 2 (two) mark only, special grace mark of 1 (one) or 2 (two) will be awarded in those theoretical subjects to make him/her pass in those subjects.

20.0 Gracing for Award of class

A candidate who falls short of the total to obtain a first or second class shall be declared to have passed in first or second class, as the case may be by adding half percent of the aggregate marks, assigned to the examination. While adding maximum 0.5 % of the aggregate marks fraction of a mark shall be rounded to the next full number and added in the total.

21.0 Transitory Rules

1. In case of introduction of new syllabus, the students who belong to the old syllabus and studying in 3rd to 5th semester, will be promoted to next semester irrespective of the back papers / grade point average in any semester examinations.

2. Students taking readmission afresh in 1st Semester in the newly introduced syllabus have to carry out their study in the new syllabus.

22.0 Academic Calendar

Odd Semester (1st, 3rd & 5th)

- Second Week of July/First week of August (1st Sem) to Last Week of November — Odd Semester classes (inclusive of provision for continuous internal assessments, CIA) and Durga Puja Vacation.
- In the month of December — One week Study Leave
- Last two weeks of December / First two weeks of January — Semester End Examinations (SEE)

Even Semester (2nd, 4th, 6th)

- Third/fourth Week of January to Second Week of May — Second Semester classes (inclusive of provision for continuous internal assessments, CIA)
- In the month of May — One week Study Leave
- In the month of May/June — Semester End Examinations (SEE)

The Examination In-Charge of any institute shall declare the exact dates of MSE as specified on the basis of the above Academic Calendar. The dates of SEE shall be declared by the Controller of Examination, TU.

23.0 For interpretation of any clause in the present Rules and Regulations and for settlement of any dispute, the decision of the Vice – Chancellor, Tripura University shall be considered as final.
