ORDINANCES AND REGULATIONS

Bachelor of Science Zanzibar Campus, IIT Madras



INDIAN INSTITUTE OF TECHNOLOGY MADRAS ZANZIBAR

CONTENTS

	R.1.0	Admission	2
	R.2.0	Structure of the B.S. Programme	3
	R.3.0	Faculty Advisor	5
	R.4.0	Class Committee	5
_	R.5.0		
	R.6.0	Enrolment and Registration	6
	R.7.0	Registration Requirement	7
	R.8.0	Supplementary Examination	7
	R.9.0	Contact Courses	7
	R.10.0	Minimum Requirement to Continue the Programme	8
	R.11.0	Maximum Duration of the Programme	9
	R.12.0	Temporary withdrawal from the Programme	9
	R.13.0	Discipline	9
	R.14.0	Attendance	9
	R.15.0	Assessment Procedure – Tests and Examinations	11
	R.16.0	System of Tests	11
	R.17.0	End Semester Examination	11
	R.18.0	Project Evaluation	11
	R.19.0	Weightages	11
	R.20.0	Make-up Examination	12
	R.21.0	Subject-wise Grading of Students	13
	R.22.0	Method of Awarding Letter Grades	13
	R.23.0	Declaration of Results	14
	R.24.0	Re-examination of Answer Papers	14
	R.25.0	Course Repetition	14
	R.26.0	Grade Card	15
-	R.27.0		
	R.28.0	Scholarships and Tuition Fee Exemption	15
	R.29.0	Eligibility for Award of the BS Degree	15
	R.30.0	Power to Modify	16

ORDINANCES AND REGULATIONS B.S.

ORDINANCES

- O.1 Candidates should have passed
 - Advanced Certificate of Secondary Education (Form VI) with 3 principal passes in natural sciences.
 - Final examination of the 10+2 system or two-year Pre-University, conducted by any recognized Central/ Indian State Board (CBSE etc.)
 - General Certificate Education (GCE) Examination (London/Cambridge/Sri Lanka) at the Advanced (A) Level.
 - High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate office, Geneva.
 - Any Public School/Board/University examination in India or in any foreign country recognized as equivalent to 10+2 system by the Association of Indian Universities (AIU).

O.2 Admission to the particular branch of study shall be as decided by the Admission Board.

O.3 The duration of the B.S. programme will normally be 8 semesters

O.4 The award of merit scholarships to the B.S. students will be governed by the regulations framed by the Senate from time to time.

O.5 The award of the B.S. degree shall be in accordance with the regulations of the Senate of IITM.

REGULATIONS

R.1.0 Admission

- R.1.1 The number of seats in each branch of the B.S. programme for which admission is to be made in the IIT Madras, Zanzibar campus, will be decided by its Senate.
- R.1.2 Admission to the B.S. programme in any year will be based on the admission form, screening test, and interview.
- R.1.3 The eligibility criteria, consistent with ordinance O.1, for appearing at the IITMZ Screening Test in any year will be decided by the IITM Zanzibar Admissions Committee constituted by the Director, IIT Madras. The criteria will be set out in an information brochure to be forwarded to the applicants along with the relevant application forms.
- R.1.4 IITM Zanzibar Admissions Committee will decide on the procedure for conducting the IITM Zanzibar Screening Test and deciding the cut-off marks for selecting students for final. IITM faculty will conduct the student interview and prepare the merit list, and the final list of selected students, taking into account the choice of branch indicated by the candidate and the available seats in each branch.

- R.1.5 At the time of admission, a candidate should have appeared/ passed in the final examination of any of the following qualifying examinations:
 - Advanced Certificate of Secondary Education (Form VI) with 3 principal passes in natural sciences.
 - Final examination of the 10+2 system or two-year Pre-University, conducted by any recognized Central/ Indian State Board (CBSE etc.)
 - General Certificate Education (GCE) Examination (London/Cambridge/Sri Lanka) at the Advanced (A) Level.
 - High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate office, Geneva.
 - Any Public School/Board/University examination in India or in any foreign country

recognized as equivalent to 10+2 system by the Association of Indian Universities (AIU).

R.1.7 The selected candidate will be admitted to the B.S. programme after they fulfill all the admission requirements as indicated in the letter of admission, and after payment of the prescribed fees.

R.1.8 In matters of admission to the B.S. programme, the decision of the IITM Zanzibar Admissions Board is final.

R.1.9 If, at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission, then the admission of the candidate may be cancelled and report the matter to the Senate.

R.2.0 Structure of the B.S. Programme

- R.2.1 (i) Curriculum consist of Science (S-Category), Engineering (E-Category), Humanities (H Category), Professional (P-Category) and unallotted credits (U-Category).
 - (ii) Unalloted credits enable the students to take up a group of courses of interest to them in any discipline of their choice. In addition, a student should satisfactorily complete the prescribed NCC/NSO/NSS programme.
- R.2.2 Every B.S. programme will have its own curriculum and course contents (syllabi) for the courses approved by the Senate.
- R.2.3. The curriculum of any B.S. programme is designed to have credit requirement of 432±2 credits.
- R.2.4 No semester shall have more than five lecture based courses and two laboratory courses (or) six theory courses without laboratory courses carrying a maximum of 60 credits.:
- R.2.5 Every course of the B.S. programme will be placed in one of the five categories listed in Table-1. A student must earn credits under each category as shown below:

Category	Abbr.	B.S.
Basic Science	S	85
Basic Engineering	Е	43
Humanities	Н	27
Profession	Р	197
Unallotted	U	81

Students are allowed flexibility in their choice of electives and other courses, as long as they meet the stipulated numbers of credits.

Courses such as NSO, Life Skills, Industrial Training, Professional ethics, Ecology and Environment etc. may be defined as non-credit but compulsory courses. However, the time spent in these courses will be accounted for arriving at the limit on maximum credit hours spent in a semester.

R.2.8 The medium of instruction, examination and project reports will be English.

R.2.9 Definition of new credit system

- (i) One credit indicates an effort of 50 minutes (1 credit-hour) per working week.
- (ii) One *credit-hour* of lecture is assumed to need two *credit-hours* (1 hour 40 minutes) outside the class room in terms of student effort to thoroughly comprehend the subject material, do the home works etc. Thus, a course with 3 lectures a week will be a $3+(3_2) = 9$ credit course, indicating that a student needs to put in 9 *credit-hours* (7 hours 30 minutes) of work a week on this course, inside and outside the classroom put together.
- (iii) A one *credit-hour* supervised session with no effort required outside should count for one credit. Thus, an afternoon (2 hours 30 minutes) laboratory session, where the student runs an experiment, collects data, interprets it and writes a report should be awarded 3 credits. If a laboratory course requires effort outside of the allotted 2.5 hour slot, appropriate credit should be awarded (1 credit for 1 *credit-hour*, *i.e.*, 50 minutes). In the same vein, a 1 *credit-hour* tutorial session should be awarded 1 credit, if no work is expected outside.
- (iv) In any given semester, a student should not be required to register for more than 60 credits. This means a maximum academic time commitment of about 50 clock hours every week.

In line with the above credit definition, sample credit mapping for typical courses/laboratory structure is summarized below:

	Credit hours per week for					
Nature of Course						
		(b)	(C)	(d)	(e)	a+b+c+d+e
Theory	3	0	0	0	3 x 2 = 6	9
Theory + Tutorial ^{\$}	3	1	0	0	3 x 2 = 6	10
Theory + Tutorial ^{\$}	3	1	1	0	3 x 2 = 6	11
Theory + Lab	2	0	0	3	2 x 2 = 4	9
Laboratory	0	0	0	3	0	3
Laboratory	0	0	0	3	2	5
Project	0	0	0	0	27	27

\$ Assuming tutorial does not require any work outside

Each time unit specified in the table = 50 minutes

R.3.0 Faculty Advisor

R.3.1 To help the students in planning their courses of study and for getting general advice on the academic programme, the concerned School/Program chair will assign a certain number of students to a Faculty member who will be called their Faculty Advisor.

R.4.0 Class Committee

- R. 4.1 Every class will have a Class Committee consisting of Faculty and students. The role of the class committee is to ensure that the objectives of a course are being met, there is sufficient access to resources for students for learning, the instructor has provided a clear overview of the course and evaluation procedures to the students, and the students are engaged in class and beyond. The class committee as a collective should also encourage and evaluate the use of state-of-the-art pedagogical methods and tools.
- R.4.2 The constitution of the Class Committee (per course) will be as follows:
 - (i) One professor-not associated with teaching the particular class to be nominated by the Director-in-charge to be chairperson of the committee
 - (ii) Chair of the B.S. program
 - (iii) Student representatives based on class votes
 - (iv) Teacher(s) of the course
 - (v) Faculty Advisors of the respective class.

R.4.4 The basic responsibilities of the Class Committees are

- (a) The Class Committees shall meet at least thrice in a semester, once at the beginning of the semester, once after the II quiz and once after the end semester examination to finalize the grades.
- (b) to review periodically the progress of the classes,
- (c) to discuss issues concerning curriculum and syllabi and the conduct of the classes.
- (c) The method of assessment in the course will be decided by the teacher, in consultation with the class committee, and will be announced to the students at the beginning of the semester. Each class committee will communicate its recommendations to the Chair of the program and Dean of the respective school.
- (d) The Class Committees without student members is responsible for the finalization of the semester results.

R.6.0 Enrolment and Registration

R 6.1 Enrolment:

From the second semester onwards, all students have to enroll on the first day of the beginning of a semester. A student will be eligible for enrolment only if they satisfy R.10 and will be permitted to enroll only if they have cleared all dues to the Institute, Hostel, Library and the NCC Unit up to the end of the previous semester, provided they are not debarred from enrolment, on disciplinary grounds. Failing to enrol may incur appropriate panalties.

R 6.2 **Registration:**

Except for the first semester, registration of a semester will be done during a specified week before the end-semester examination of the previous semester.

Late registration/enrolment will be permitted with a fine as decided from time to time up to two weeks from the last date specified for registration.

- R.6.3 Registration is to be done online.
- R.6.4 The B.S. students are also eligible to take extra courses apart from the courses prescribed in the curriculum, viz, one course in 4th, 5th, 6th and 7th semester and not more than two courses in the 8th semester, subject to a maximum limit on such "EXT" credit of 45, provided a student has no backlog and has a CGPA of 7.0 & above, at the end of the previous semester. Students taking extra courses should obtain the prior approval of the Dean of the School or respective program Chair. This will be shown in the grade card as EXT category and will be taken for CGPA calculation.
- R.6.5 Students should have successfully completed the courses of (n minus 4)th semester to register for courses in nth semester. E.g to register for courses in 5th, 6th, 7th & 8th semester of B.Tech programme, the student should have successfully completed all the courses of 1st, 2nd, 3rd and

4th semesters respectively, as prescribed in the curriculum of the concerned branch of study i.e

- i. Students who have backlog courses under n-4 rule, the registration of courses shall be restricted to the average credit clearance capacity in the last two semesters. The student must register the backlog courses first giving priority to the oldest backlogs. The students will register by default for backlog courses being offered in a particular semester.
- ii. The semester used by a student to clear only the backlog course(s), will not be treated as effective for reckoning the no. of semesters spent by the student with respect to the maximum permissible limit (vide R 11.1)

R.7.0 Registration Requirement

R.7.1 The curriculum for any semester shall not be required for registration of more than 60 credits.

If a student finds their academic/course load heavy in any semester, or for any other valid reason, they may drop courses if the student maintains a minimum attendance grade G in that case till the date of application, within 45 instructional days from the commencement of the semester through workflow with the approval of Faculty Advisor and Course Faculty. However, the student should ensure that the total number of credits registered in any semester should enable them to earn the minimum number of credits as specified in **R.10.1**.

R.8.0 Supplementary Examination

- R.8.1 Students who get "U" grade and attendance code "G" (Good) and above in a core course are eligible to seek Supplementary Examination.
- R.8.2 A student is eligible for only one Supplementary Examination in any course. No second chance is given. In case a student fails in the Supplementary Examination they have to repeat the course in a regular semester, as and when it is offered.
- R.8.3 The Supplementary Examination will be offered by the same teacher who offered the course earlier.
- R.8.4 The Supplementary Examination can be held during the makeup/supplementary week of the subsequent semester, at the convenience of the teacher concerned.
- R.8.5 For taking Supplementary Examinations, the students need not attend classes in that course once again. The same attendance code earned in the earlier examination will be retained for the Supplementary Examination.
- R.8.6 The end semester alone is given as a Supplementary Examination and the sessional marks already secured by a student in that course will be taken into account for finalizing the grade and the same cut-off for the grades shall be used.

R.9.0 Contact Courses

R.9.1 A Contact course may be offered during the regular semester or during summer by a Department, **only** to a final year student who has obtained "U" grade in a CORE course.

The course will be offered **only** on the recommendation of the program chair, with the mutual agreement of the teacher and the student.

- R.9.2 No student should register for more than two contact courses during the semester or summer period.
- R.9.3 The contact course cannot be offered if the same subject is offered as a regular course, during that period.
- R.9.4 Such final year students, who wish to take contact course(s), should apply to the Dean of School, before the commencement of the semester or summer as the case may be, in which the contact course is to be taken.
- R.9.5 The assessment procedure for a contact course will be similar to that of the regular semester course.
- R.9.6 Withdrawal from a contact course is not permitted.

R.10.0 Minimum Requirement to Continue the Programme and Readmission

R.10.1 A student should earn not less than 30 credits in the first semester, and 68 credits at the end of the second semester.

Thereafter, they must maintain an average of 36 credits per semester, including the first two semesters, to continue their studies.

However, in the final semester, a student may earn less than 36 credits if it is sufficient for him/ her to fulfill the requirements for the award of the degree.

If a student fails to earn credits every semester as stated above, he/she will be relieved from the programme at the end of the semester.

- R.10.2 A student who has not completed the NCC / NSO / NSS requirements (see R.27) in the first four semesters will not be permitted to continue the B.Tech programme.
- R.10.3 A student should have a minimum CGPA of 5.0 (see R.26.2), calculated for the courses successfully completed at the end of each semester. If the CGPA so calculated is below 5.0 or if he/she earns less than the required average credits, the student will be issued a warning under intimation to the parent.

When there is a reduction in GPA between two successive semesters, then the FA, HoD and the parent will be initimated.

In the following semester, if the CGPA is less than 5.0 or the student could not maintain required average credits, as per **R.10.1**, he/she will be relieved from the programme at the end of the semester.

10.4 **Readmission**

The students who do not satisfy the minimum requirement vide R.10.1 and relieved from the programme may seek readmission to Dean of the School, or Program Chair with recommendation from Faculty Advisor and Head of the Department.

R.11.0 Maximum Duration of the Programme

R.11.1 A student is expected to complete the B.S. programme in eight semesters. However a student may complete the programme at a slower pace, but in any case not more than 12 semesters, excluding semesters withdrawn on medical grounds, etc. as per R.12.1. However the students have to satisfy R.10.1 every semester, failing which their registration will be cancelled.

R.12.0 Temporary Withdrawal from the Programme

R.12.1 A student may be permitted by the Dean o of the School to withdraw from the programme for a semester or longer for reasons of ill health or other valid reasons. Normally, a student will be permitted to withdraw from the programme only for a maximum continuous period of two semesters.

R.13.0 Discipline

- R.13.1 Every student is required to observe discipline and decorous behaviour both inside and outside the campus and not to indulge in any activity which will tend to bring down the prestige of the Institute.
- R.13.2 Any act of indiscipline of a student reported to the Dean of the School or Program Chair will be referred to a **Discipline and Welfare Committee constituted by the Senate.**

The Committee will enquire into the charges and recommend suitable punishment if the charges are substantiated. The Senate will consider the recommendation of the Discipline and Welfare Committee for appropriate action. The committee will report the action taken at the next meeting of the Senate.

- R.13.3 Appeal: The student may appeal to the Chairman, Senate, whose decision will be final.
- R. 13.4 Ragging of any dimension is a criminal and non-bailable offence in our country. The current State and Central legislations provide for stringent punishment, including imprisonment. Once the involvement of a student is established in ragging, the offending student will be dismissed from the Institution and will not be admitted into any other Institution. Avenues also exist for collective punishment, if individuals can not be identified in this inhuman act. Every senior student of the Institute, along with the parent, shall give an undertaking every year in this regard and this should be submitted at the time of enrolment.

R.14.0 Attendance

R.14.1 Every teaching staff member handling a class will take attendance till the last instructional day in the Semester. The percentage of attendance, calculated up to this point, will be indicated by a letter code as follows:

Attendance Rounded to	Remarks	Code
≥ 95%	Very Good	VG
85 to 94%	Good	G
< 85%	Poor	Р

R.14.2 A student who has an attendance lower than 85%, whatever may be the reason for the shortfall in attendance, will not be permitted to appear in the end-semester examination of the course in

which the shortfall exists.

His/her registration for that course will be treated as cancelled, and he/she shall be awarded "W" grade (W stands for registration cancelled for want of minimum attendance) in that

subject. This grade shall appear in the grade card till the course is successfully completed. In the case of a core course, the student should register for and repeat the course when it is offered next.

R.14.3 The teacher handling a course must finalise the attendance 3 calendar days before the last instructional day of the course in the semester.

The particulars of all students who have attendance less than 85% in that course must be announced in the class by the teacher himself/ herself. Copies of the same should be sent to the Dean of the School, and Program Chairs concerned. Students who get less than 85% should not be permitted to sit for the end-semester exam without the permission of the Dean of the School and Program Chair.

- R.14.4 Condonation of Attendance: Every student is expected to put in 100% attendance. The minimum-attendance requirement is 85%. For cases of casual absenteeism, no condonation of attendance is permissible. If a student has less than 85% attendance, he/she should be assigned "W" grade in that subject along with "P" as the attendance code. The percentage of attendance in a subject shall be computed as:
 - (a) For calculation of attendance in normal cases:

For cases of minor illnesses and casual absenteeism actual % of attendance is computed as:

Actual no. of classes attended x 100

Total no. of classes held till date of compilation of attendance

which should be \geq 85%. Otherwise, W grade shall be awarded. Such cases will not come under the purview of condonation of attendance.

(b) For calculation of attendance in case of prolonged illness and/or hospitalization with medical certificate:

A student should have more than 40% attendance calculated as per (a) above to be eligible for condonation.

Notional % of attendance =

Actual no. of classes attended x 100

(Total no. of classes held in the semester) - (No. of classes held during the days of prolonged illness and or hospitalization) which should be ≥ 85% for condonation

R.15.0 Assessment Procedure – Tests and Examinations

R.15.1 The Senate will decide from time to time on the system of tests and examinations in each subject in each semester. The current practice is the following:

R.16.0 System of Tests

- R.16.1 In lecture based courses, **two quiz tests** will be held in the case of common courses of first three semesters and for higher semester courses as decided by the Class Committee. The details of weightage of marks for these quizzes have to be announced to the students, in consultation with the Class Committee. The academic chairs of the programs should be informed of the scheme of evaluation at the beginning of the semester.
- R.16.2 The adoption of mid -semester examination for the common courses of I to III semesters may be considered in consultation with the class committee.

R.17.0 End Semester Examination

R.17.1 There will be one end-semester examination of three hours duration in each lecture based subject.

R.18.0 Project Evaluation

- R.18.1 At the completion of a project, the student will submit a project report which will be evaluated by duly appointed examiner(s). The evaluation will be based on the report and a viva-voce examination on the project.
- R.18.2 The project reports of B.S. students who have not completed their course work will be evaluated in that semester itself and the result sent, in confidential, to the Dean of the School. The result of the project work evaluation will be declared by the Dean of the School only after the successful completion of the course requirements.

R.19.0 Weightages

R.19.1 The following are suggested as the weightages for different evaluation modes. However, it is highly recommended that instructors use state-of-the-art evaluation pedagogies that foster strong student engagement and deep learning:

a)	For common courses of first three semesters: 2 Quizzes – 20 marks each	30-40%
	End Semester Examination In-class evaluations	40-50% 10-20%
b)	Laboratory based subjects: For Laboratory based subjects, an end semester examination may or may not be held Sessional Assessment Practical examination must be conducted for all the lab courses. End-semester examination, if held: Maximum weightage	75–100% 25%

R.20.0 Make-up Examination

R.20.1 Students who have missed the quizzes or end-semester examination for valid reasons are eligible for a make-up examination.

A student who has missed quiz(zes) and the end semester examination in the same course due to genuine reasons like illness etc. may be permitted to write a make-up examination for the missed end-semester alone and awarded zero marks for the missed quiz(zes), provided the student satisfies the attendance requirements.

The students should make an application to the Dean of the School within ten days from the date of the examination missed, explaining the reasons for their absence. Applications received after this period need not be entertained.

R.20.2 Official permission to take a make-up examination will be given under exceptional circumstances such as admission to a hospital due to illness. Suitable medical certificate from consulting doctors should be produced by the student and may be endorsed by the head of the campus medical facility.

R.20.3 A slot- wise make -up examination will be held during the makeup / supplementary week as per Academic Calendar of subsequent semester for those who are permitted to take the make-up examination.

The question paper will be common to all the students taking make-up examinations in a given subject. However, the question paper will be so structured that a student will be required to answer only parts of the paper carrying marks in proportion to the weightages of the tests / examinations missed by him / her.

R.20.4 A student who misses this make-up examination will not normally be given another make-up examination. However, in exceptional cases of prolonged illness resulting in the

student missing a make-up examination, the Director-in-charge, in consultation with the Dean of the school or with approval of the Senate may permit the student to appear for a second make-up examination.

R.21.0 Subject-wise Grading of Students

R.21.1 Letter Grades

Based on the performance, each student is awarded a final letter grade at the end of the semester, in each subject. The letter grades and the corresponding grade points are as follows:

Gra de	Grade Points	Remarks
S	10	
Α	9	
В	8	
С	7	
D	6	
Е	4	
U	0	
Р	-	Pass
F	0	Fail
W	0	Failure due to insufficient attendance in course
Ι	0	Incomplete (subsequently to be changed into pass (E to S) or U grade in the same semester).
X	0	Completed zero credit course requirements
Y	0	Incomplete in zero credit course

R.21.2 A student is considered to have completed a subject successfully and earned the credits if
he/she secures a letter grade other than U/ F or W or I in that subject. A letter grade U/F or W in any
subject implies a failure in that subject.

R.22.0 Method of Awarding Letter Grades

R.22.1 A final meeting of the **class committee** without the student members will be convened within **seven days after the last day of the end semester examination**. The letter grades to be awarded to the students for different courses will be finalized at this meeting.

R.22.2 The faculty member shall upload grade and the Chairman of Class Committee approve the grade within the senate prescribed deadline specified in the academic calendar.

R.23.0 Declaration of Results

- R.23.1 After finalization by the Class Committee the letter-Grade awarded to the students will be uploaded through online by the teachers. After online approval by the Chairperson of the respective Class Committee, it will be available in academic website for the students to view their grades.
- R.23.2 The **W** grade once awarded stays in the record of the student and is deleted when he/she completes the subject successfully later. The grade acquired by him/her will be indicated in the grade card of the appropriate semester with an indication of number of attempts made in that course.
- R.23.3 **'U'** grade obtained by the students will be deleted in the grade card once that course is successfully completed. The grade acquired by the students will be indicated in the grade card of the appropriate semester indicating also the number of attempts made in that course.

R.24.0 Re-examination of Answer Papers

R.24.1 In case any student feels aggrieved, he/she can contact the teacher concerned within three weeks from the commencement of the semester immediately following the announcement of the results.

The student shall have access to his/her answer paper(s) in the end semester examination which may be shown to him/her by the teachers concerned. If the teacher feels that the case is genuine, he/she may re-examine the case and upload a revised grade, if any, through workflow. After approval by Program Chair and Dean of the School the revised grade will be reflected in the grade card.

R.25.0 Course Repetition

R.25.1 A student who earns a U or W grade in a core course has to repeat it compulsorily when the course is offered next.

A student securing a U or W grade in an elective course, may repeat it if he/she so desires to get a successful grade.

R.25.2 A course successfully completed can not be repeated. In some cases where students have taken all core and elective courses but still fail to minimum CGPA of 5.0 and thus will not be eligible to get degree. In such cases the student be permitted to repeat the core or elective courses to earn the minimum CGPA.

Option can also be given to such students to select courses to be considered for calculating CGPA for eligibility for award of degree.

R.26.0 Grade Card

R.26.1 The grade card issued at the end of the semester to each student will contain the following:

- a) The course number, name of the course and the credits for each course registered in that semester.
- b) the letter grade obtained in each course
- c) the attendance code in each course
- d) the total number of credits earned by the student upto the end of that semester in each of the course categories
- e) the Cumulative Grade Point Average (CGPA) of all the courses taken from the first semester.

R.26.2 The GPA will be calculated according to the formula:

Where C_i = credit for the course, GP = the grade point obtained for the course and $_i C_i$ = the sum of credits of all courses taken in that semester, including those in which the student has secured U and W grades.

For the cumulative grade point average (CGPA), a similar formula is used where the sum _iCi is the sum of credits of all courses taken in all the semesters completed up to the point in time.

The CGPA based on the successfully completed courses is calculated, deleting the "U" or "W" grades, and is also shown separately in the grade card.

R.26.3 No class or division or rank will be awarded to the students at the end of their B.Tech programme. However, for conversion of (i) CGPA into percentage and (ii) Percentage to CGPA for admission purpose as well as for issuing certificate to the alumni for their professional carrier purpose, the Senate has approved the following conversion formula: Percentage = 55 + 10 ((CGPA) – 6).

R.28.0 Scholarships and Tuition Fee Exemption

The Deans of School will lay down the administrative procedures to be followed in the selection of the students for the award of the scholarships consistent with existing Government regulations if any. The number and names of the selected candidates will be reported to the Senate.

R.29.0 Eligibility for Award of the B.S. Degree

R.29.1 A student shall be declared to be eligible for award of the B.S. degree if they have

- a) registered and successfully completed all the core courses and projects;
- b) successfully acquired the minimum required credits as specified in the curriculum corresponding to the branch of their study within the stipulated time;
 - c) earned the specified credits in all the categories of subjects;
- d) completed other (zero credit) course requirements;

- e) secured a CGPA of 5.0 in passed subjects only.
- f) no dues to the Institute, Hostels, Libraries, NCC / NSS / NSO etc. and
- g) no disciplinary action is pending against them.

Procedure for credit transfer for students visiting Universities abroad

The following procedure will be followed for credit transfer for students visiting Universities abroad under Exchange programme of any other University, with effect from Oct 2023:

The credits / grades indicated in the grade sheet obtained from the university in which the student has completed the courses should be used by the student as part of his/her transcripts. IITM Zanzibar transcripts will only indicate the courses, credits and grades completed at IITM and the total no. of credits (without grades) earned in other Universities in a particular semester.

The CGPA calculation based on credits earned/completed at IIT Madras alone is to be considered for award of prizes.

The credits earned at Universities abroad will be taken into account for calculation of minimum required credits for the award of the degree.

R.30.0 Power to Modify

R.31.1 Notwithstanding all that has been stated above, the Senate has the right to modify any of the above regulations from time to time.
