M.Tech. (2015 REGULATIONS)

R 20.3 CLASSIFICATION OF THE DEGREE AWARD

Class/Distinction will be awarded to the students after they successfully complete the M.Tech programme as per the norms stipulated in the following table:

EXISTING		REVISED			
Category	CGPA	Class	Category	CGPA	Class
	≥ 5 & < 5.5	Pass		≥ 4 & <5.5	Pass
	≥ 5.5 & < 6	Second Class		≥ 5.5 & < 6.00	Second Class
	≥ 6 & < 8.5	First Class		≥ 6 & < 8.00	First Class
Students who successfully complete the M.Tech. programme within the time duration of 4 semesters (R.8.0)	≥ 8.5 (without F or I or Ab or temporary withdrawal R.9.0 in any Semester)	First Class with Distinction	Students who successfully complete the M.Tech. programme within the time duration of 4 semesters (R.8.0)	≥ 8 (without F or I or Ab or temporary withdrawal R.9.0 in any Semester)	First Class with Distinction
	≥ 8.5 (with F or I or Ab in any semester but obtained pass grade (O to P) subsequently)	First Class		≥ 8 (with F or I or Ab in any semester but obtained PASS grade (O to P) subsequently)	First Class
Students who cannot complete the M.Tech. program in 4 semesters but complete it successfully within the time	≥ 5 & < 5.5	Pass	Students who cannot complete the	≥4&<5.5	Pass
	≥ 5.5 & < 6	Second Class	M.Tech. program in 4 semesters but complete it successfully within the time	≥ 5.5 & < 6	Second Class
duration of 5 semesters. (R.8.0)	≥ 6	First Class	duration of 5 semesters. (R.8.0)	≥6	First Class
Students who cannot complete the $25 \& < 5.5$ Pass M.Tech.		Students who cannot complete the M.Tech. program in 5 semesters but complete it successfully within the time	≥ 4 & < 5.5	Pass	
M.Tech. program in 5 semesters but complete it successfully within the time duration of 6 semesters. (R.8.0)	≥ 5.5	Second Class	duration of 6 semesters. (R.8.0) for the students admitted in the academic year 2015-2016 only.	≥ 5.5	Second Class
		Students who cannot complete the M.Tech. program in 5 semesters but complete it successfully within the time duration of 8 semesters (R.8.0) for	≥ 4 & < 5.5	Pass	
			students admitted from the academic year 2016-2017 onwards.	≥ 5.5	Second Class



INDEX TO REGULATIONS

Regulation

Page No.

R.1.0	Admission	3
R.2.0	Structure of the M. Tech Programme	4
R.3.0	Faculty Adviser	6
R.4.0	Class Committee	6
R.5.0	Registration and Enrolment	7
R.6.0	Registration/Enrolment Requirement	8
R.7.0	Compensatory Courses	9
R.8.0	Maximum Duration of the Programme	10
R.9.0	Temporary withdrawal from the programme	10
R.10.0	Discipline	10
R.11.0	Attendance	11
R.12.0	Assessment Procedure and System of Tests	12
R.13.0	End Semester Examination	14
R.14.0	Reappearance in End semester Examination	15
R.15.0	Course Wise Grading of Students	15
R.16.0	Method of Awarding Letter Grades.	16
R.17.0	Declaration of Results	17
R.18.0	Re-view of answer scripts	17
R.19.0	Course Repetition	18
R.20.0	Grade Card	18
R.21.0	Eligibility for Award of the M. Tech Degree	20
R.22.0	Change of Regulations	20

2

M. TECH. REGULATIONS – 2015 (FULL TIME)

(For students admitted from the academic year 2015-16)

Faculty of Engineering & Technology SRM University SRM Nagar, Kattankulathur – 603 203 Chennai, India

M.Tech. REGULATIONS- 2015

(For students admitted from the academic year 2015 - 16)

REGULATIONS

- R.1.0 Admission
- R.1.1 The number of seats in each branch of the M.Tech. programme for which admission is to be made in the Faculty of Engineering and Technology will be decided by the Board of Management of SRM University.
- R.1.2 Admission to the M.Tech programme in any year will be based on the results of SRM Entrance Examination (SRM EE) in that year and the percentage of marks / CGPA obtained in specified subjects of the qualifying examinations (R.1.5).
- R.1.3 The eligibility criteria, in accordance with R.1.5, for appearing at SRM EE, as well as the criteria to be satisfied to apply for direct admission in any year will be decided by the Admission Committee and forwarded to the applicants along with the relevant application forms.
- R.1.4 The Admission Committee will decide on the procedure for conducting the SRM EE. Subject to a minimum performance criteria in the SRM EE, as decided by the Admission Committee from year to year and the percentage of marks / CGPA obtained in specified subjects of the qualifying examinations (R.1.5) the Admission Committee will prepare a merit list. According to the merit list the Committee will offer admissions through counseling, taking into account the choice of branches indicated by the candidates and the available seats.
- R.1.5 The minimum qualification for admission to M.Tech degree programmes should be a 4-year under graduate professional degree or a post graduate science degree relevant to the programme of study. The qualifying degree should be from a university recognized by this university. The minimum percentage of marks / CGPA will be as prescribed by the University.
- R.1.6 Notwithstanding the above, the actual admissions will be based on the rules and regulations of the UGC/Competent authorities.

- R.1.7 Candidates have to fulfill the medical standards required for admission as set out by the Admission Committee.
- R.1.8 The selected candidate will be admitted to the M.Tech programme after he / she fulfills all the admission requirements as indicated in the letter of admission after making the payment of the prescribed fees.
- R.1.9 In the matter of admission to the M.Tech programme the decision of the Admission Committee is final.
- R.1.10 If, at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission, the Director (Engg/Tech) may revoke the admission of the candidate and report the matter to the Vice Chancellor.

R.2.0 Structure of M.Tech. Programme

- R.2.1 The courses in the M.Tech programme generally consist of 1) Core courses 2) Supportive courses 3) Program elective courses 4) Interdisciplinary elective courses 5) Seminar 6) Industrial training and 7) Project work.
- R.2.2 The programs may have 'Seminar' or 'Industrial Training' or both.
- R.2.3 Brief details of the different types of courses are:
- R.2.3.1 Core courses
 - a) Core courses are compulsory courses a student has to undergo.
 - b) Choice may be given while specifying the core courses, like course A or course B. Exclusive core courses may also be specified.
 - All core courses shall be of 4 credits each. The distribution of L-T-P can be 3-2-0 or 3-0-2 or 2-0-3 or 4-0-0. (L, T, P are number of Lecture, Tutorial and Practical hours, respectively, per week)
- R.2.3.2 Supportive courses

Supportive courses are advanced courses in Mathematic, Physics, Chemistry and Management or a course belonging to any other program which are required for the program under consideration. It is a mandatory course and will have 3 credits.

R.2.3.3 Program elective courses

Program electives are those courses listed as electives within the specialization of the program under consideration. Each elective course is of 3 credits.

R.2.3.4 Interdisciplinary elective courses

Interdisciplinary elective courses are those which belong to any M.Tech. program other than the program under consideration. However during registration the faculty advisor shall ensure that the student would not register for an interdisciplinary elective course contents of which are similar to that of any elective / core course available within the program. Further option of students shall be exercised subject to availability of class rooms, faculty members, clash with time table of other courses and minimum specified class strength.

R.2.3.5 Seminar

Students shall register for this course if included in the curriculum of the program. Its extent, evaluation methodology shall be spelt out in the beginning of the semester and communicated to the students. This course carries 1 credit with L-T-P-as 0-1-1 and student has to pass this course to be eligible for the award of degree if included in the curriculum.

R.2.3.6 Industrial Training

Students shall undergo industrial training in reputed industries for duration of minimum 3 weeks during the summer vacation after II semester. At the end of the training student shall submit a report and make a presentation which will be assessed by a committee constituted for this purpose. This course carries 1 credit with L-T-P as 0-1-1 and student has to pass this course to be eligible for the award of degree if included in the curriculum.

R.2.3.7 Project work

- a) Project work shall be done in two phases during the third and fourth semester, respectively.
- b) The credits for the project work are as given below:

Phase I-6 creditsPhase II-16 credits

5

These courses are mandatory courses designed to provide input to the students to facilitate their employability in their chosen fields or to enable them to pursue research.

- R.2.4 Every M.Tech programme will have a curriculum and course contents (syllabi) proposed by the respective Boards of Studies and approved by the Academic Council.
- R.2.5 The curriculum of any M.Tech programme shall have a total of 74-75 credits for the award of the degree.
- R.2.6 The medium of instruction, examination and project reports shall be English.

R.3.0 Faculty Adviser

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/Department will assign for every class a faculty member who will be called the Faculty Adviser.

R.4.0 Class Committee

- R.4.1 Every class (comprising of sections) of the M.Tech programme will have a Class Committee consisting of faculty and students. The class committees for the School/Department programmes of each semester will be constituted by the Head of the concerned School/Department.
- R.4.2 The constitution of the Class Committee for the School/ Department programmes of each semester will include the following members:
 - a. All the course instructors of that programme
 - b. Two students of the class to be chosen by the students of the class.
 - c. A senior faculty member, preferably a professor, of the concerned School/Department, preferably not associated with teaching of the class, to be nominated by the concerned Head of the School/Department, to act as the chairperson of the Class Committee.

6

- d. Faculty Adviser(s) of the respective class.
- R.4.3 The basic responsibilities of the Class Committee:
 - a. To review periodically the progress of the classes,
 - b. To discuss problems concerning curriculum and syllabus , the conduct of the classes as well as non academic issues concerning the students.
 - c. The method of assessment in the courses will be decided by the teachers in consultation with class committees and will be announced to the students at the beginning of the semester.
 - d. The class committees shall meet at least twice in a semester, once at the beginning of the semester and once towards the end.
 - e. The class committee chairman with the assistance of faculty advisors, shall prepare the minutes of the meeting and the same, duly signed by the HOD, shall be sent to the Director (Engg&Tech)) within 7 days of conduct of the meeting. The minutes shall be also circulated to the class committee members and displayed in the notice board.

R.5.0 Registration and Enrolment

The process of signing up for courses is called registering. Students are enrolled after they pay the prescribed fees. For a student to attend classes he has to complete both registration and enrolment.

All students shall formally register for the courses every semester to undergo course work.

R.5.1 Registration of any course will be controlled by the concerned Head of the department.

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

7

For the first semester registration shall be completed within a week after the commencement of classes.

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

- R.5.2 The registration sheet contains the course number, course name, number of credits and category for each course taken in that semester. The student will make the choice of course (in case of elective courses) in consultation with his/her Faculty Adviser.
- R.5.3 A student will be eligible for enrolment only if he/she satisfies the enrolment requirements specified in R.6.0 and will be permitted to enroll only if he/she has cleared all dues to the University, Hostel, Library, NCC etc. up to the end of the previous semester, provided he/ she is not debarred for enrolment as a result of any disciplinary action of the University.

R.6.0 Registration / Enrolment Requirement

R.6.1 In a semester, a student can register only for 16 to 20 credits.

If a student finds his/her load heavy in any semester, or for any other valid reason, he/she may drop course(s) within two weeks of the commencement of the semester with the written approval of his / her Faculty Adviser and Head of the School/Department.

However the student should ensure that the total number of credits registered in any semester should enable him/her to earn the minimum number of credits as specified in the following table to continue the program:

To enroll for	Minimum no. of credits to be
	earned
II semester	50% of the credits registered
	in I semester.
III semester	60% of the credits prescribed
	in I and II semesters.
IV semester	60% of the credits prescribed
	in I and II semesters.

R.7.0 Compensatory Courses

Compensatory courses are meant for students who, due to some unavoidable reasons, have not earned 75% attendance during the normal course of study and are detained from appearing in the endsemester examination. These courses offer an opportunity for the students to have necessary teaching input which they may have missed out.

R.7.1 Compensatory courses may be announced by a School/Department, by the Deans/HODs, with the approval of the Director (Engg&Tech). The course will be conducted during the regular academic session either during the weekends or in the evenings after the regular classes as decided by the Director (Engg&Tech) and the number of hours that will be conducted will be 75% of the hours specified in the curriculum for a course. Maximum two courses will be permitted to a student during the semester and the student has to have at least 75% attendance in these courses.

The evaluation process for compensatory courses consists of only end semester examinations and no internal assessment process. Student shall have to score the passing minimum in the end semester examination only and full weightage will be given to marks scored thereof.

Courses will be offered by the departments only to students detained for lack of attendance in those courses (Grade I, R.16.1). No student should register for more than two compensatory courses offered during a semester and totally not more than 6 courses in the normal duration of study.

- R.7.2 Compensatory courses will be announced after the publication of results of end semester examinations of odd/even semester and the conduct of these courses will not go beyond the last working day of the semester. A student will have to register within the time stipulated in the announcement, by paying the prescribed fees.
- R.7.3 No student who has got 'l' grade in a particular course can appear for end semester examinations for that course without undergoing the compensatory classes for that course.

9

R.7.4 Withdrawal from Compensatory courses is not permitted.

R.7.5 Student who has obtained F grade in a course shall not register for compensatory courses.

R.8.0 Maximum Duration of the Programme

R.8.1 Each semester shall normally consist of 90 working days or 450 hours. A student is ordinarily expected to complete the M.Tech programme in four semesters. However a student may complete the programme at a slower pace by taking more time but in any case not more than 6 semesters under regular programme excluding semesters withdrawn on medical grounds etc. as per R.9.1.

R.9.0 Temporary withdrawal from the programme

R.9.1 A student may be permitted by the Director (Engg&Tech) 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 discontinue from the programme only for a maximum continuous period of two semesters.

R.10.0 Discipline

- R.10.1 Every student is required to maintain discipline and decorous behavior both inside and outside the University campus and not to indulge in any activity that will tend to bring down the prestige of the University.
- R.10.2 Any act of indiscipline of a student is first to be considered by the Discipline and Welfare Committee of the Department/School for necessary action. If the issue demands more serious consideration, the act of indiscipline will be reported to the Director (Engg&Tech), and he will refer it to the Discipline and Welfare Committee of the University, constituted by the Vice Chancellor.

The Committee will enquire into the charges and recommend suitable action if the charges are substantiated. The Director (Engg&Tech) will take appropriate action on the recommendation of the Discipline and Welfare Committee.

- R.10.3 Director (Engg&Tech) may suspend a student pending inquiry depending upon the prima facie evidence.
- R.10.4 Appeal: The student may appeal to the Vice Chancellor whose decision will be final and binding.

10

R.11.0 Attendance

- R.11.1 Attendance is the physical presence of the student in the class. It is a well-observed fact that the students who score good grades are those who attend classes regularly. Therefore, the students must strive to attend all the classes without fail.
- R.11.2 Every teaching staff member handling a class will take attendance till3 calendar days before the last instruction day in the semester. The percentage of attendance, calculated up to this point, will be indicated by a code number/letter as follows:

Attendance-Rounded-to	Code
95% and above	Н
85 to 94%	9
75 to 84%	8
Below 75%	L

R.11.3 A student must maintain an attendance record of at least 75% in individual courses. Without the minimum attendance of 75%, in any course, students become ineligible to write the end semester examination in that course. His / Her registration for that course will be treated as cancelled, and he/she shall be awarded 'I' grade (I stands for registration cancelled for want of minimum attendance) in that course. This grade shall appear in the grade card until the course is successfully completed.

The student should register for and repeat the course when it is offered next.

R.11.4 The minimum attendance requirement of 75% allows a student the facility to use the balance 25% to account for illnesses, permitted assignments such as job interviews, inter university sports meets, inter-collegiate/inter-university competitions, accidents, unforeseen emergencies etc. An attendance of 75% in a course (except in cases governed by R.11.6) is considered to be the minimum required for a student to get just enough input on the course syllabus through class room contact hours to make him / her eligible to appear in the end semester examination for that course.

- R.11.5 The teacher shall announce the particulars of all students who have attendance less than 75% in that course in the class. Copies of the same should also be sent to the Director (Engg&Tech), and Heads of Schools/ Departments concerned. The students who have less than 75% attendance will not be permitted to sit for the end semester examination.
- R.11.6 Condonation of Attendance: In rare and genuine cases, a committee consisting of Pro-Vice Chancellor, Director and Associate Director will examine the case and recommend suitably to the Vice Chancellor, who may give condonation of attendance in deserving cases but in any case not more than 10%.

R.12.0 Assessment Procedure and System of Tests

- R.12.1 The complete academic performance of a student is evaluated internally by the concerned course instructors / departments except the project work which will have an evaluation component by external examiners.
- R.12.2 The student's performance in each course, in general, is evaluated based on in-semester assessment (internal marks) and end semester examination.
- R.12.3 The assessment method is further detailed below:
 - a. Course without any practical component (Theory courses)

Assessment tool	Weightage
Test I	20%
Test II	20%
Surprise Test	5%
Assignment	5%
End semester Examination	50%

b. Course with theory and practical components

Theory and practical components will be assessed separately as per the following Table:

Component	Assessment tool	Weightage
Theory	Test I	10%
component	Test II	10%
	Surprise Test	5%
	Assignment	5%
	End semester Examination	40%
Practical component	Carrying out laboratory work, attendance, and submission of record, class tests, model examination, quizzes etc.	15%
	End semester practical examination	15%

Appearance in end semester examination for both the theory and practical components is must for the consideration of passing in the course. The student has to appear for the end semester examination and Ab grade will be awarded for non appearance.

c. Course with only practical component (Purely laboratory based courses)

Assessment tool	Weightage
Carrying out laboratory work, attendance, and	60%
submission of record, class tests, model examination,	
quizzes etc.	
End semester practical examination	40%

d. Project Evaluation

M.Tech projects as far as possible should be socially relevant and research oriented ones. Each student is expected to do an individual project. The project work is carried out in two phases – Phase I in III semester and Phase II in IV semester. Phase II of the project work shall be in continuation of Phase I only. At the completion of a project the student will submit a project report, which will be evaluated (end semester assessment) by duly appointed examiner(s). This evaluation will be based on the project report and a viva voce examination on the project. The method of assessment for both Phase I and Phase II is shown in the following table:

Assessment	Tool	Weightage
In- semester	I review	10%
	II review	15%
	III review	35%

End semester	Final viva voce	40%
	examination	

Student will be allowed to appear in the final viva voce examination only if he / she has submitted his / her project work in the form of paper for presentation / publication in a conference / journal and produced the proof of acknowledgement of receipt of paper from the organizers / publishers.

The project reports of M.Tech students who have not completed their course work will be evaluated in that semester itself and the result sent confidentially to the Controller of Examinations, The result of the project work evaluation will be declared by the Controller of Examinations only after the successful completion of the courses by those students.

- R.12.4 The assessment process for courses like Seminar / Industrial Training which form part of the curriculum, shall be decided by the Course Coordinator at the commencement of the semester and communicated to all concerned (R.4.3).
- R12.5 Any changes in the above, should be decided by the class committee meeting at its first meeting, during the beginning of the semester. If there are any changes the students should be informed about the changes and same should be approved by the Director (Engg&Tech).

R.13.0 End Semester Examination

- R.13.1 There will be one end semester examination for courses categorized under R. 12.3. a to R. 12.3.c
- **R.13.2** The examinations at the end of a particular semester will be conducted for the courses of all odd and even semesters.
- R.13.3 A student should have appeared for the end- semester examination of the prescribed courses falling under R. 12.3. a to R. 12.3.c and appeared for the final viva voce examination for the project work (R.12.3.d) to become eligible for the award of the grade in the respective courses.

l (Incomplete)	0	Failure due to insufficient
		attendance in the course.

R.14.0 Reappearance in end Semester Examination

Students who have secured 'F'or 'Ab' or 'I' grade in a particular course can reappear when the end semester examination for that course is again conducted provided they satisfy other eligibility conditions such as lack of attendance overcome by attending Compensatory courses (R.7.0) and minimum credit / appearance in end semester examinations requirements (R. 6.0), Temporary withdrawal from the programme (R.9.0) and Discipline (R.10.0). Students who have secured F, Ab or I grade in of courses with practical component shall appear in the end semester examinations of both the theory and practical components.

- **R.15.0** Course Wise Grading of Students
- **R.15.1** Letter Grades and Grade Points (GP)

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

Letter Grade	Grade Points	Remarks
O (Outstanding)	10	
A+ (Excellent)	9	
A (Very Good)	8	
B+ (Good)	7	
B(Above Average)	6	
C (Average)	5	
P (Pass)	4	
F (Fail)	0	<50 Failure due to
		insufficient marks in the course
Ab(Absent)	0	Failure due to non-appearance
		in examination

SRM-M.Tech-2015

- R.15.2 A student is considered to have completed a Course successfully or achieved a pass grade and earned the credits if he secures a letter grade other than F or Ab or I in that Course. A letter grade F or Ab or I in any Course implies a failure in that Course.
- R.15.3 A Course successfully completed cannot be repeated.
- R.15.4 If a student gets a fail grade (F/Ab/I) in a course with both theory and practical components, then he/she has to reappear in the end semester examinations of both.
- R.15.5 If a student obtains F grade in a course in the first three attempts, from fourth attempt onwards, full weightage (100%) shall be assigned to marks scored in the end semester examinations and the internal assessment marks they have scored during the regular course of study will be ignored. The first attempt is that which corresponds to the first registration for the course. If a student gets I or Ab grade in an attempt that is also treated as an attempt.

R. I6. 0 Method of Awarding Letter Grades.

R.16.1 The internal marks awarded to the students are first normalized and combined with the normalized marks of end semester examination. Subsequently letter grades are awarded for the normalized marks as indicated below:

Letter Grade	Grade Points	Normalized Mark range
O (Outstanding)	10	95-100
A+ (Excellent)	9	90-94
A (Very Good)	8	85-89
B+ (Good)	7	75-84
B(Above Average)	6	65-74
C (Average)	5	55-64
	16	SPM M Tech 2015

P (Pass)	4	50-54
F (Fail)	0	<50 Failure due to insufficient marks in the course
Ab(Absent)	0	Failure due to non-appearance in examination
I (Incomplete)	0	Failure due to insufficient attendance in the course.

The detailed methodology of normalization of internal marks as well as marks in the end-semester examinations shall be formulated by the Controller of Examinations.

Grades I and Ab will be as per R. 15.1

R.16.2 To pass in a course with earnable credits a student has to score a minimum of 50% of the total normalized marks secured in both the internal and end semester examination.

R.17.0 Declaration of Results

- R.17.I Normalized marks are referred to the Result Passing Board for the finalization of results. Controller of Examinations assigns letter grades and announces the results.
- R.17.2 The I grade once awarded stays in the record of the student and is deleted when he/she completes the course successfully later. The grade acquired by the student will be indicated in the grade card of the appropriate semester with an indication of the month and the year of passing of that course.
- R.17.3 'F' grade obtained by a student will be deleted in the grade card once that course is successfully completed. The pass grade acquired by the student will be indicated in the grade card of the appropriate semester with an indication of the month and the year of passing. The CGPA will be accordingly revised.
- R.18.0 Re-view of answer scripts

In case any student feels aggrieved on the final outcome of the assessment in any course ,the student shall apply to the Controller of Examinations, along with the prescribed fee, for the review of end semester examination answer script, within the stipulated time after the announcement of the results of the examinations. The COE shall facilitate the review of the answer script jointly to be carried out by the student and the faculty detailed for this purpose. If any discrepancy is noticed during review the same shall be rectified and the originally awarded grade accordingly amended.

R.19.0 Course Repetition

R.19.1 A student securing F or Ab or I grade in a core course has to compulsorily get a pass grade for the award of degree.

A student securing F or Ab or I grade in an elective course has the following options:

 He/she may reappear and pass the course in case of F or Ab grade or register for compensatory course and pass in case of I grade.

OR

(ii) He/she may opt for another elective in place of the elective in which he/she did not get a pass grade and achieve a pass in it.

An elective course with grades O to P cannot be withdrawn.

R.19.2 A course successfully completed cannot be repeated.

R.20.0 Grade Card

- R.20.1 The grade card issued by the Controller of Examinations at the end of the semester to each student will contain the following:
 - a) The credits for each course registered for that semester,

18

- 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 up to 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.20.2 The SGPA (Semester Grade Point Average) will be calculated according to the formula

$$SGPA = \frac{\sum_{1}^{n} C_{i} \times (GP)_{i}}{\sum_{1}^{n} C_{i}}$$

Where C_i = credit for the ith course, (GP)_i = the grade point obtained for the ith course (refer R.15.1), n = total number of courses and the sum is over all the courses taken in that semester, including those in which the student has secured F or Ab or I grades.

For the cumulative grade point average (CGPA) following formula is used:

$$CGPA = \frac{\sum_{1}^{r} S_{i} \times (SGPA)_{i}}{\sum_{1}^{r} S_{i}}$$

where S_i = Sum of credits in ith semester, (SGPA)_i = Grade Point Average earned in ith semester and r = number of semesters and the sum is over all the semesters under consideration.

R.20.3 Class/Distinction will be awarded to the students after they successfully complete the M.Tech programme as per norms given in the following table:

CGPA (From I-IV semesters)	Class / Distinction
≥ 5 & < 5.5	Pass
≥ 5.5 & < 6	Second Class
≥ 6 & < 8.5	First Class
≥ 8.5 (without F or Ab or I or temporary withdrawal-R.9.0 in any Semester)	First Class with Distinction
≥ 8.5 (with F or Ab or I in any	First Class
	(From I-IV semesters) $\geq 5 \& < 5.5$ $\geq 5.5 \& < 6$ $\geq 6 \& < 8.5$ ≥ 8.5 (without F or Ab or I or temporary withdrawal-R.9.0 in any Semester) ≥ 8.5 (with F or Ab

Category	CGPA (From I-IV semesters)	Class / Distinction
	Semester but obtained pass grade (O to P) subsequently)	
Students who cannot complete the M.Tech program in 4 semesters but	≥ 5 & < 5.5	Pass
complete it successfully within the time duration of 5 semesters.	≥ 5.5 & < 6	Second Class
(R.8.0)	≥6	First Class
Students who cannot complete the M.Tech program in 5 semesters but	≥ 5 & < 5.5	Pass
complete it successfully within the time duration of 6 semesters(R.8.0)	≥ 5.5	Second Class

R.21.0 Eligibility for Award of the M.Tech. Degree

- R.21.1 A student shall be declared to be eligible for the award of the M.Tech degree if he/she has
 - a) Registered and successfully completed all the courses and projects as per the curriculum.
 - b) Successfully acquired the minimum required credits as specified in the curriculum corresponding to the branch of his/her study within the stipulated time duration.
 - c) No disciplinary action pending against him/her

R.22.0 Change of Regulations

R.22.1 The academic council of SRM University may from time to time revise, amend or change the regulations, scheme for examinations and syllabi if found necessary.

20