

M.Sc. Regulations 2018

REGULATIONS 2018

M.Sc.

(Applicable from 2018 batch onwards)



KALASALINGAM

Academy of Research and Education

UNIVERSITY

(Under Section 3 of UGC Act
1956) (Accredited by NAAC with 'A' Grade)

Anand Nagar, Krishnankoil - 626 126.

Srivilliputtur (Via), Virudhunagar (Dt), Tamil Nadu.

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M.Sc. Regulations 2018
(Physics, Chemistry, Mathematics and
Computer Technology)

(Applicable from 2018 batch onwards)

R.1.0 Admissions

- R.1.1 Announcement for M.Sc. Admission will be made by the Kalasalingam University and the candidates should apply in the prescribed form on or before the specified dates announced by the University.
- R.1.2 Eligibility criteria and qualifying degree for appearing for the Entrance Examination is given in Table 1:

Table 1: Qualifying degree(s) for M.Sc. programmes

S.No.	Degree	Qualification
1.	M.Sc. (Physics)	B.Sc. (Physics)
2.	M.Sc. (Chemistry)	B.Sc. (Chemistry)
3.	M.Sc. (Mathematics)	B.Sc. (Mathematics)
4.	M.Sc. (Computer Science) M.Sc. (Data Science)	B.Sc. (Computer Science) or B.Sc. (Information Technology)

- R.1.3 (i) Admissions to the M.Sc. programme in any year will be based on the results of the Kalasalingam University Post Graduate Entrance Examination (KUPGEE) normally conducted in the month of May/June of that year by the University. Kalasalingam University Post Graduate Entrance Examination (KUPGEE) score is eligible to apply for M.Sc. programme offered by the Kalasalingam University.

- (ii) Candidates sponsored by the industries, established institutes / Research and Development organizations / National laboratories are also eligible to apply.
- (iii) Foreign nationals whose applications are received through Indian Council or Cultural Relations, Government of India are also eligible to apply. Other Foreign nationals, aspiring under self-financing scheme are also eligible to apply, for which applications are to be forwarded through their embassy.

R.1.4 (i) The Admission Committee will decide on the procedure for conducting the KUPGEE and prepare a merit list of candidates. Subject to fulfilling the minimum performance criteria in the examination, as decided by the committee from year to year, the Admission Committee will offer admission, in the order of merit, to the successful candidates.

- (ii) The Post-graduate Admissions Committee constituted by the Chairman, Academic Council will decide on the operational aspects of selection of candidates based on the criteria laid down by the Academic Council.

R.1.5 In addition to fulfilling the requirements/conditions given in R.1.2, the selected candidate will be admitted to the M.Sc. programme after he/she fulfils all the admission requirements as indicated in the Letter of Admission, and after the payment of all the prescribed fees.

R 1.6 In the matter of admission to the M.Sc. programme, the decision of the Admission Committee is final.

R.1.7 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 (Academic) may revoke the admission of the candidate and report the same to the Academic Council.

R.2.0 The Structure of the M.Sc. Programme

- R.2.1 (a) M.Sc. Programmes will consist of :
- (i) Core courses
 - (ii) Elective courses
 - (iii) Laboratory courses
(Except Mathematics)
 - (iv) Project work
 - (v) Seminar and Comprehensive viva
 - (vi) Skill Development Course
 - (vii) Research Methodology

The Courses will belong to any one of the following categories

- (i) Theory Courses (T)
Theory courses consist of lecture and tutorial hours
- (ii) Laboratory Courses (L)
Laboratory courses consist of practical hours
- (iii) Theory courses with practical component (TP)
It consist of lecture hours and practical hours

The Category wise credit distribution for the M.Sc. Programmes are given in Table 2.

Table 2: Category wise credit distribution for CGPA credits

Sl. No.	Category	Credits
1	Core Courses	40-48
2	Elective Courses	20-24
3	Laboratory Courses (Except Mathematics)	9
4	Seminar and Comprehensive Viva	6
5	Project Work	8-11
5	Skill Development Course	2
6	Research Methodology	2
Total Credits		90

Minimum credit requirement : 92 credits (90 Credits CGPA + 2 Credits Non-CGPA)

Online Courses:

The students are permitted to register for courses offered through web based online courses offered by other Universities/Institutions in India (Including NPTEL) or in abroad. The one on-line course can be taken in place of one elective course.

The BoS concerned will give prior approval for the department to permit such online courses and to have flexible assessment schemes for grading the students enrolled in such online courses.

In addition to the CGPA credit courses a student should satisfactorily complete the minimum number of other co- and extra-curricular activity based courses categorized as Non-CGPA courses, as stipulated in Table 3.

Table 3: Categories of courses for Non-CGPA Courses

Sl. No.	Courses	Credit
1	NET/SET/JEST/GATE coaching classes*	1
	a) Pass in examination based on the coaching classes. Exam will be conducted by the department at the end of the third semester for coaching classes.	1
	b) Paper presentation in National/International Conferences/Seminars	1
	c) Participation in workshops (3 days)	1
	d) Participation in Guest Lecture (5 Nos.)	1
	e) Internship	1
	f) Foreign Language/National Language	1

*80% attendance is compulsory in this category even if the student earns Non-CGPA credit.

The students should score minimum 2 credits for completing the Non-CGPA courses. In addition, a student may require to deliver one or more seminars and to undergo industrial/practical training during the programme, as specified in the curriculum and syllabi of the specialization concerned

R.2.2 The curriculum of any specialization of the M.Sc. programme is designed to have a minimum total of 92 credits [a minimum of 90 Cumulative Grade Point Average (CGPA) and minimum of 2 Non-CGPA credits] for the award of the M.Sc. degree.

(a) Credits for the CGPA courses are assigned based on the following general pattern:

- I. One credit for each lecture period per week
- II. One credit for each tutorial period per week
- III. One or two credit(s) for each laboratory or practical session of three periods per week, depending on the degree of effort required to be put in by the students.

(b) For the award of the M.Sc. degree, a candidate shall

- I. Satisfy all the requirements prescribed by the Regulations of the Academic Council
- II. Earn not less than 92 credits [a minimum of 90 Cumulative Grade Point Average (CGPA) and minimum of 2 Non-CGPA credits] for the students admitted in the first year of M.Sc. programme.

- III. Complete all the courses as specified in the curriculum and syllabus of the programme of the specialization concerned, within a minimum period of two years or a maximum period of four years (including the duration of withdrawal from the course on medical grounds or for other valid reasons., as per R.11.1, if any) from the date of his/her enrolment.

R.2.3 Every specialization of the M.Sc. programme will have a Curriculum and Course Content (Syllabi) approved by the Academic Council.

The instruction, examinations, seminars and project reports shall be in English, unless otherwise specifically mentioned in the curriculum.

R.2.4 The complete programme will be of 4 semesters duration. The academic load in each semester may consist of course work and/or project work as specified in the curriculum of the specialization concerned. The total contact hour is normally about 32 hours per week.

R.2.5. A student will have to register for in all the core courses listed in the curriculum of his/her selected area of specialization and successfully complete all of them. However the Departmental Consultative Committee concerned may grant permission to a student not to register for some of the core courses and substitute them by some other courses depending on the courses successfully completed by the student in the undergraduate programme. This has to be

intimated to and approved by the Director (Academic).

R.2.6 Electives will have to be taken from the courses offered by the Department concerned, in that particular semester from among the list of approved courses. However, the departments can permit selection of electives other than those listed in the curriculum and syllabus provided they have relevance to the area of specialization and subject to the approval of the Director (Academic).

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, a certain number of students will be assigned to a faculty member who will be called their Faculty Advisor.

The Faculty Advisor will help the students in all their endeavours during their period of study.

R.4.0 Class Committee

R.4.1 Every class of the M.Sc. Programme will have a Class Committee consisting of Faculty and Students. The constitution of the Class Committee will be as follows:

- (i) A Senior faculty member who is not associated with teaching the particular class, nominated by the Director (Academic)/Head of the Department concerned, to act as the Chairperson of the Class Committee.

- (ii) Course teachers / Course coordinator of all the lecture-based courses
- (iii) Laboratory-in-charge(s)
- (iv) The Class Co-ordinator of the class
- (v) Five students (in the combination of two from the toppers and three from the rest of the class) from the respective class, to be chosen by the students of the class from among themselves (and)
- (vi) Faculty Advisors of the students of the respective class.
- (vii) During the IV semester, when students carry out their Project Work, the Project Guides will be the members of the Class Committee.

R.4.2 The basic responsibilities of the Class Committee are:

- (i) To review periodically the progress of the classes.
- (ii) To discuss issues arising from Curriculum, Syllabi and conduct of the classes.
- (iii) To resolve issues related to slow learners.

The method of assessment during the course will be decided by the Course 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 Head of the Department concerned and the Director (Academic).

The Class Committee, exclusive the student members, is responsible for the finalization of the semester examinations results.

The Class Committees shall meet at least four times in a semester: at the beginning of the semester, after the Sessional Examination I, after the Sessional Examination II, and finally (without the student members) at the end of the semester in order to finalize the grades.

R.5.0 Registration and Enrolment

R.5.1 Except for the first semester, registration for the courses in a semester will be done during a specified week before the End-semester Examination of the previous semester.

R.5.2 From the second semester onwards students have to enroll themselves on the first day of each semester. A student will be eligible for enrolment only if he / she fulfils the requirements of regulation R.8.0 and is not debarred from enrolment by any disciplinary action of the University. At the time of enrolment a student can drop a course registered for earlier and also substitute it by another course for valid reason(s).

R.5.3 The Registration Sheet contains the course code, course name, credits assigned and the category of each course to be registered in that semester. The student can make a choice of courses in consultation with his/her Faculty Advisor.

R.6.0 Registration Requirement

- R.6.1 The curriculum for any semester, except the final, normally carries 19-28 credits.

In any case, the student should ensure that the total number of courses registered by him in any semester enables him/her to earn the minimum number of credits as specified in the Regulation R.8.1.

R.7.0 Contact Courses

- R.7.1 A contact course may be offered during the regular semester 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 department with the mutual agreement of the teacher and student. The students registering for the contact course will have to pay the prescribed fee fixed by the university.
- R.7.2 A student cannot register for more than two Contact Courses during the semester.
- R.7.3 A Contact Course for a subject cannot be offered if a regular semester course is offered for the same subject in a semester.
- R.7.4 Final Year students who wish to take Contact Courses should apply to the Director (Academic) before the commencement of the semester in which the Contact Courses are to be taken.

R.7.5 The assessment procedure for a Contact Course will be similar to that for the regular semester courses.

R.7.6 Withdrawal from a Contact Courses is not permitted.

R.8.0 Minimum Requirements to Continue in the Programme

R.8.1 A student should have earned not less than 8 CGPA credits in the First semester, 16 CGPA credits by the end of the Second semester and 24 CGPA credits by the end of the Third semester.

However, students who do not earn the minimum required credits in the odd semester may be given a chance during the even semester to make up for the shortfall by securing more credits. If a student does not earn the minimum required credits at the end of an academic year, his/her name may be taken off the rolls of his/her current batch and he/she would be enrolled in the subsequent year's batch.

R.9.0 Maximum Duration of the Programme

R.9.1 A student is ordinarily expected to complete the M.Sc. Programme in four semesters. However, a student may complete the programme at a slower pace, but in any case, not exceeding eight semesters, including the semesters withdrawn on medical grounds or for other valid reason(s), failing which the registration is liable to be cancelled.

In case of students who do not complete their project work in four semesters and submit the report in the fifth semester or later, the month and year of completion of the project work and of viva-voce examination will be indicated in the final grade card.

R.10.0 Temporary Withdrawal from the Programme

R.10.1 A student may be permitted by the Director (Academic) to withdraw from the programme for a semester or longer for reasons of ill health or on any other valid grounds. Normally, a student will be permitted to discontinue the programme for a maximum period of two semesters.

A student who is permitted to discontinue may rejoin the programme at the appropriate semester, but only along with the regular students at the time of commencement of that semester.

R.10.2 A student who discontinues and rejoins the programme shall be governed by the rules, regulations, courses of study and syllabus in force at the time of his/her rejoining the programme.

R.11.0 Discipline

R.11.1 Every student is required to observe discipline and decorous behaviour in all activities related to academic programmes and not indulge in activities that would bring disrepute to the University.

R.11.2 Any instance of indiscipline related to the academic activity of a student will be referred to a Discipline and Welfare Committee; likewise, any instance of malpractice by a student in connection with the examination process will be referred to an Examination Monitoring and Grievance Redressal Committee (EMGRC). These Committees will inquire into the issues and make recommendations, along with suggesting suitable punishment for the offenders (if the charges against them are substantiated), to the Staff Council. The Staff Council will consider the recommendations of these committees and decide on the appropriate action to be taken. The Director (Academic) will report the action taken in the matter at the next meeting of the Academic Council. The punishment period will be treated as absent.

R.12.0 Attendance

R.12.1 Every faculty member handling a class will register his/her students' attendance till the last day of instruction of the semester and finalise the attendance records of the students.

The particulars of students who have an attendance percentage less than 80 in the courses they had registered themselves for will be displayed in the university notice boards/website before the start of the Sesssional examination and end semester examination

Students, whose attendance is less than 80% in the courses they had registered themselves for will not be permitted to appear for the sessional

examination / End-Semester Examination in these courses.

The attendance percentage, calculated up to the last day of instruction of the semester, will be indicated by a number / letter code as given in Table 4.

TABLE 4 : Attendance code

Percentage of Attendance (Rounded to)	Attendance Code
95 and above	H
88 to 94	9
80 to 87	8
Below 80	L

The Hall Ticket for the End-Semester Examination will be issued only to eligible students upon their clearing all of their dues to the University, Hostel, Library and other Departments /Sections (if any) of the University.

R.12.2 If a student has an attendance percentage lower than 80 in a course, his/her performance in that course will be treated as not satisfactory, and he/she shall be awarded W grade ('W' meaning failure for want of minimum attendance) in that course. This grade shall be mentioned in his/her grade card till the course is successfully completed.

A student who is awarded a W grade for a course must repeat the course, as per regulation R.23.0 and he/she is not permitted to re-register the course

as Contact Course.

R.12.3 All M.Sc. students should apply to the Head of the Department for leave stating the reasons whenever they are not in a position to attend classes/project work. The intervening holidays will be treated as part of leave with provision of suffixing and prefixing holidays.

R.12.4 Condonation of Attendance

Those students who have availed medical leave on valid grounds may be considered for condonation of attendance provided the percentage of attendance excluding the period of medical leave is not below 70 % and their attendance including the period of illness does not fall below 80%. Students can avail this facility only once during the entire period of study.

R.13.0 Assessment Procedure – Tests and Examinations

R.13.1 The Academic Council will decide from time to time on the system of tests and examinations in each course in each semester. The general guidelines for this are as follows: Two Sessional Examination and End Semester Examination.

R.14.0 System of Tests

R.14.1 In the lecture / tutorial based courses, Two Sessional Examinations will be held for each course per semester. The details of weightage of marks for the Two Sessional Examinations will be announced by the teacher, in consultation with the Class Committee, and the Dean (Academic), at the beginning of the semester.

R.15.0 End-Semester Examinations

R.15.1 There will be an End-Semester Examination of three hours duration in each lecture-based course.

R.16.0 Evaluation of Project

R.16.1 The progress of the students in their final year Project Work will be assessed through three periodical reviews by a Project Review Committee, constituted by the Head of the Department concerned/Director (Academic).

Upon completion of the project, the student will have to submit the project report, which will be evaluated by duly appointed examiner/s. The evaluation will be based on the report, the assessments during the periodical reviews, and a viva voce examination on the project works.

R.16.2 The results of evaluation of the project work will be declared by the Controller of Examinations only after they complete all the core as well as elective course requirements successfully.

R.17.0 Weightages

R.17.1 The weightages for the different courses are given below:

(a) Theory Courses

Two Sessional Examinations	35%
Assignments/ Quiz/ Tutorials, etc.,	15%
End-Semester Examination	50%

(b) Theory with Practical Component

Two Sessional Examinations	20%
Assignments/ Quiz/ Tutorials, etc.,	15%
Practical	15%
End-Semester Examination	50%

(c) Laboratory Courses

Internal Assessment	50%
End-semester Examination	50%

(d) Project Work

Internal	50%
External	50%

R.17.2 The evaluation for all tests, tutorials, assignments (if any), laboratory works and examinations will be on an absolute basis. The final marks in each course are calculated as per the weightages mentioned in R.17.1. The equivalent letter grading is based on relative grading, taking into consideration the total marks scored by the student.

R.18.0 Make-up Examination

R.18.1 Students who have missed the sessional Examination(s), or End-Semester Examination for valid reasons are eligible to appear for Make-up Examinations.

Students who have missed either Sessional Examinations and the End-Semester examination in the same course for genuine reasons, such as illness, may be permitted to write Make-up Examination only for the missed End-Semester Examination with no marks being awarded for the missed Sessional Examination(s), provided they satisfy the attendance requirements.

Such of the above-mentioned students should make an application, recommended by the Faculty Advisor and Head of the Department concerned to the Director (Academic) within one week of the date of the examination missed, explaining the reason(s) for their absence. Applications received after this period will not be entertained.

R.18.2 Official permission to take a make-up examination will be given under exceptional circumstances, such as admission to a hospital due to illness.

Students residing in the hostels should produce a Medical Certificate issued by the Chief Medical Officer (CMO) of the University that he/she was admitted in the Hospital during the period of the missed Sessional Examination /End-Semester Examination

Students residing in the hostels and taking medical consultation from outside doctors are required to obtain written permission from the Medical Officer of the University Hospital before they proceed for consultation. Those Students are required to obtain an endorsement on the certificate of treatment from the Medical Officer of the University Hospital.

A student staying outside the Campus permanently / temporarily must produce a medical certificate from a Registered Medical Practitioner and the same should be duly endorsed by the parent / guardian and CMO of the University.

R.18.3 A single make-up examination will be held about one week after the End-Semester examination for those who are permitted to take the make-up examination.

R.19.0 Course-wise Grading of Students

R.19.1 Letter Grades

Based on the marks obtained by a student in the internal and end semester examination in each theory and practical course, he/she is awarded with a letter grade.

(a) For Theory Courses

At the end of each semester, based on the individual performance in a theory course relative to the performance of the class in the particular course, each student is awarded a final letter grade. The letter grades and the corresponding grade points are shown in Table 5a.

Table 5a: Grade Conversion Table

Grade	Grade Points	Result
S	10	Pass
A	9	Pass
B	8	Pass
C	7	Pass
D	6	Pass
E	5	Pass
P	4	Pass
U	0	Fail
AB	0	Failure for not writing End Semester Examination
W	0	Failure for want of the minimum attendance
I	0	Incomplete

(b) For Laboratory Courses and Project/Thesis work

At the end of each semester, based on the individual performance in a particular course, each student is awarded a final letter grade based on the marks obtained by him/her on an absolute basis. The letter grades and the corresponding grade points are shown in Table 5b.

Table 5b: Grade Conversion Table (for absolute grading)

Grade	Grade Points	Mark Range (out of 100)	Result
S	10	> 90	Pass
A	9	> 80 but < 90	Pass
B	8	> 70 but < 80	Pass
C	7	> 60 but < 70	Pass
D	6	> 55 but < 60	Pass
E	5	> 50 but < 55	Pass
P	4	> 40 but < 50	Pass
U	0	< 40	Fail
AB	0	---	Failure for not writing End Semester Examination
W	0	---	Failure for want of minimum attendance
I	0	----	Incomplete

The “I” grade, awarded in a course to a student for failing to complete the prescribed formalities relevant to that course, will be subsequently changed to a pass grade (i.e., S/A/B/C/D/E) or a “U” grade in the same semester on completion of those formalities.

R.19.2 A student is considered to have completed a course successfully and earned the associated credits if he/she secures a letter grade other than a “U”, “W” or “I” in that course. The letter grade “U”, “AB” or “W” in any course implies a failure in that course. A course successfully completed cannot be repeated.

R.20.0 Method of Awarding Letter Grades

- R.20.1 A final meeting of the Class Committee without the student members will be convened within seven days from the last day of the End-Semester examination. The letter grades to be awarded to the students for the different courses will be finalized at the meeting and they will be obtained in a summary sheet.
- R.20.2 Along with the Summary Sheet, a copy of the Result Sheet (Grade Sheet) for each course, containing the absolute marks, final grade and attendance code, will be submitted by the course teachers/Class Co-ordinator to the Class Committee Chairman concerned. After finalization of the grades at the Class Committee meeting, the Grade Summary Sheet and the Grade Sheet of the individual courses will be endorsed and forwarded by the Class Committee Chairman to the Controller of Examinations.

R.21.0 Declaration of Results

- R.21.1 After finalization of the grades by the Class Committee as per regulation R.20.1, the Grade Sheets of the individual courses and Grade Summary Sheets will be submitted for approval to a Grade Approval Committee. After the verification by the Grade Approval Committee, the Grade Sheets of the individual courses and Grade Summary Sheet will be endorsed and forwarded to the Controller of Examinations.
- R.21.2 With the approval of the Grade Approval Committee, the results of all the examinations conducted in a semester will be placed before the Result Passing Committee, constituted by the Chairman of the Academic Council, for the final approval.

With the approval of the Result Passing Committee, letter-grades awarded to the students in each course will be announced by the office of the Controller of Examinations on the University notice boards and website.

- R.21.3 The “U” ,“AB” or “W” grade, once awarded, stays in the record of the student, and is replaced with a pass grade when he/she completes the course successfully later; the CGPA will be accordingly revised.

R.22.0 Distribution of Evaluated Answer Books

- R.22.1 Student shall have access to see their answer books (after evaluation) of the Sessionals, and End-Semester Examinations through the course teachers concerned on the day specified in the Academic Calendar. In case of any discrepancy in the evaluation, a student may contact and make an appeal to the course teacher concerned of the date of distribution of the evaluated answer books. If the teacher determines that a case for lower-than-deserved marks brought to his/her attention by a student is genuine upon re-examining the answer book, he/she shall forward the revised marks, along with a justification for the revision, to the Dean (Academic) through the Controller of Examinations.

If the student is not satisfied with the outcome of the re-examination of his/her answer book by the teacher, he/she should make an application to the Controller of Examination for re-evaluation of the answer books within a week of the date of distribution of the evaluated answer books. Any application for re-evaluation received after this period will not be entertained. All

applications for re-evaluation will be processed by the EMGRC and suitable decision will be taken by the Staff Council of the University, on the basis of individual merit.

The evaluated answer books, after distribution to the students will be retained for a period of one year from the date of examination and will be destroyed by the academic office after this period. No grievances / complaints related to the examination/valuation of answer books will be entertained by the university after this period.

R.23.0 Course Repetition

R.23.1 A student who has secured “U” grade in a Core course will have the option of either repeating the course (when it is offered next) or reappearing only for the End-Semester Examination (as arrear examination), conducted in the subsequent semester, to secure a pass grade. A student securing a “W” grade in a Core course has to repeat the course compulsorily when it is offered next.

R23.2 A student securing “U” grade in an Elective course may repeat the course, if he/she so desires or reappear for the End-Semester Examination in the course, conducted in the subsequent semester, to secure a pass grade; otherwise, he/she may register for another Elective course (in place of the one for which he/she is awarded the “U” grade) and successfully complete the same.

A student securing “W” grade in an Elective course may repeat the course, if he/she so desires, to secure a successful grade; otherwise, he/she may register for another Elective course (in place of the one for which he/she is awarded the “W” grade) and successfully complete the same.

R.23.3 Arrear examinations for failed candidates (those securing “U” grade) in a course will be conducted only along with the regular End-Semester Examinations in the subsequent semester(s), with a question paper common to them and the regular students of that semester. Question Papers for all arrear examinations in a course will be on the basis of the regulations and syllabus then in force.

The student's letter grade will be determined, on a relative basis, along with the class of students for whom the said course is offered in that semester.

R.23.4 A course successfully completed cannot be repeated.

R.24.0 Grade Card

R.24.1 The grade card issued at the end of each semester to the students will contain the following:

- (i) the list of Cumulative Grade Point Average (CGPA) courses registered by the student along with credits for each course registered for in that semester

- (ii) the letter grade obtained in each of the course
- (iii) the attendance code assigned for each course
- (iv) the total credits earned in that semester
- (v) the cumulative credits earned up to the end of that semester
- (vi) the Grade Point Average of all the courses taken in that semester - Semester Grade Point Average (SGPA) and
- (vii) the CGPA of all the courses taken from the first semester up to the end of that semester

R.24.2 Semester Grade Point Average (SGPA) will be calculated according to the following formula

$$SGPA = \frac{S(C \times GP)}{SC}$$

where C = Credit(s) for the CGPA course registered

GP = Grade Point, as per the Grade Conversion Table 5a and 5b, given under R.19.1, for the letter grade obtained by the candidate for the course

SC = Sum of credits from all the 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 $\sum C$, the sum of

credits, is from all the courses registered in all the semesters completed up to the end of that semester.

R.25.0 Project work in Industry or other Organization

R.25.1 The students those who have not theory course in the final semester can perform the project work in Industry / Other Organisation. Sponsored candidates from organizations which have R & D units and facilities for research work and those students who get employment

(vi) the Grade Point Average of all the courses taken in that semester - Semester Grade Point Average (SGPA) and

(vii) the CGPA of all the courses taken from the first semester up to the end of that semester

R.24.2 Semester Grade Point Average (SGPA) will be calculated according to the following formula in such organization after completion of the courses may be permitted to carry out their project work in such organisations during the final semester under the following conditions:

R.25.2 A departmental committee shall examine the requests from such students, and fix in advance

- i. an internal guide (a faculty member of the University)
- ii. area of project work and
- iii. the name and designation of an external guide (Scientists / Mentors in Industry).

R.25.3 The above details should be submitted to the Director (Academic) through the Head of the Department and the Director approval should be obtained before the commencement of the project.

R.25.4 The students who are permitted to do the project work in an industry will have to pay the tuition and other fees to the University for that semester.

R.26.0 Eligibility for Award of the M.Sc. Degree

R.26.1 A student shall be declared to be eligible for award of the M.Sc. degree if he/she has

- (i) registered for and successfully completed all the required Core courses, Elective courses and the Project work (if any),
- (ii) successfully earned the minimum required credits as specified in the curriculum corresponding to the specialization of his/her study within the stipulated time,
- (iii) earned the specified credits in all the categories of courses,
- (iv) no dues to the University, Hostels, Libraries, Offices of NCC / NSS / Sports / Parent-Teacher Association /Alumni Association, etc. and
- (v) no disciplinary action pending against him / her.

R.26.2 Degree Classification: The Degree of Master of Science concerned shall be awarded in three

categories:

- (i) First Class with Distinction
- (ii) First Class
- (iii) Pass

For a First Class with Distinction, the student must earn 80 to 90 credits (with respect to the specialization of the M.Sc. programme concerned) within two years from the time of admission/enrolment and obtained a minimum CGPA of 8.25 with all courses passed in the first attempt.

For a First Class, the student must earn 80 to 90 credits (with respect to the specialization of the M.Sc. programme concerned) within three years from the time of admission/enrolment and obtained a minimum CGPA of 6.50.

Other students who earn 80 to 90 credits (with respect to the specialization of the M.Sc. programme concerned) and obtain less than 6.50 CGPA within four years will be awarded a Pass category.

R.26.3 The award of the degree must be recommended by the Academic Council and approved by the Board of Management of the University.

R.27.0 Power to Modify

R.27.1 Notwithstanding all that has been stated above, the Academic Council reserves the right to modify any/all of the above Regulations from time to time.

M.Sc. Regulations 2018

