

**MCA REGULATIONS - 2008**

**Amendment Sheet**

**Following amendment is carried out based on the approval  
accorded in the 19<sup>th</sup> Academic Council Meeting held on 24.3.2012**

**Replace existing R.12.2 with the following:**

**R.12.2** Notwithstanding the above, if a student is detained for want of attendance in all the subjects in a semester, he/she will not be permitted to move over to the higher semester though he/she may be satisfying the eligibility criterion as given in R.12.1

**Add R. 12.3 after R.12.2**

**R.12.3** A student not meeting the requirements given in R 12.1 and R 12.2 will have to discontinue the programme temporarily. He/she can rejoin the programme after fulfilling requirements as in R.12.1 and R 12.2.

MCA Regulations- 2008 - Amendment Sheet

Amendments dated 14 Aug. 2010

Following amendments are carried out based on the approval accorded in 14<sup>th</sup> Academic Council Meeting held on 14 August 2010

1. Replace existing R.10.0 to R 10.3 with the following

R.10.0 Compensatory courses

R.10.1 Compensatory courses may be offered by a School/Department, by the Deans/HODs, with the approval of the Director (E&T). 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 (E&T) 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. The evaluation process will be the same as that of regular semester.

Courses will be offered by departments only to students detained for lack of attendance in those subjects (Grade W, R.18.1). However, failed students (Grade U, R.18.1) and students who were absent (Grade I, R.18.1) can also register for the courses, when they are offered to students detained for lack of attendance.

No student should register for more than two compensatory courses offered during a semester.

R.10.2 Compensatory courses will be announced by the Director (E&T) 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.10.3 Withdrawal from Compensatory courses is not permitted.

2. Replace the table under R.17.2 as follows.

Assessment	Examination	Weightage in %		
		Course with practical	Course without practical	Term paper/ mini project / Project
Continuous	1. Announced quiz	5	10	--

	2. Unannounced quiz	5	5	--
	3. Test 1	10	20	--
	4. Test 2	10	20	--
	5. Review 1	--	--	10
	6. Review 2	--	--	20
	7. Review 3	--	--	30
	8. Attendance	--	5	--
Final theory	--	30	30	--
Final practical	--	30	--	--
Final review	--	--	--	30
Case study based research report	--	10	10	10

The break up of marks to be awarded for attendance is given below.

Attendance Percentage Range	Marks to be awarded
0-75	0
76-80	1
81-85	2
86-90	3
91-95	4
96-100	5

**3. Replace the existing clause R 18.2 with the following**

R 18.2 The examinations at the end of a particular semester will be conducted for the courses of all odd and even semesters.

**4. Replace R 19, R 19.1 to R 19. 4 with the following.**

R.19.0 Reappearance in end Semester Examination

Students who have secured U, W 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 R 12.0) and minimum credit requirements (R. 8.0), Temporary withdrawal from the programme (R.10.0) and Discipline (R.11.0).

**5. Replace existing R. 24.0, R 24.1 and with the following**

**R.24.0 Course Repetition**

R.24.1 A student securing W grade in a course has to repeat it compulsorily when the course is offered next through Compensatory courses. A student securing U or I grade in a course, may repeat it through Compensatory courses if he so desires. In all such cases the award of internal marks shall be based on his performance in Compensatory courses

A course successfully completed cannot be repeated.

**6. Replace existing R 25.3 with the following**

R.25.3 Class/Distinction will be awarded to the students after they successfully complete the MCA programme within the time duration of 6 semesters, as per norms given below.

CGPA  $\geq 4$  &  $< 5$  - Pass

CGPA  $\geq 5$  &  $< 6$  Second Class

CGPA  $\geq 6$  &  $< 8.5$  First Class

CGPA  $\geq 8.5$  (without U or W or I in any semester) First Class with Distinction

R.25.4 Class/Distinction will be awarded to the students who fail to complete within 6 semesters but successfully complete the MCA programme within the time duration of 7 semesters as per norms given below.

CGPA  $\geq 4$  &  $< 5$  - Pass

CGPA  $\geq 5$  &  $< 6$  Second Class

CGPA  $\geq 6$  First Class

R.25.5 Class/Distinction will be awarded to the students who fail to complete within 7 semesters but successfully complete the MCA programme within the time duration of 12 semesters as per norms given below

CGPA  $\geq 4$  &  $< 5$  - Pass

CGPA  $\geq 5$  Second Class



## **MCA REGULATIONS**

*(For Students admitted from the  
Academic year 2008 – 09)*

**Faculty of Engineering & Technology**  
SRM University SRM Nagar,  
Kattankulathur, Chennai

**DEGREE OF MASTER OF  
COMPUTER APPLICATIONS  
(Six Semesters)**

*(For students admitted from the academic year 2008-09)*

**REGULATIONS 2008**

**Choice Based Credit System**

- 1. Definitions and Nomenclature**
  - 1.1 "University" means **SRM UNIVERSITY (SRMU)**.
  - 1.2 Programme means M.C.A. degree programme.
  - 1.3 Course means a subject studied in a semester. Eg. Data structure, Software engineering.
  - 1.4 Head of the Institution means the Director (E&T), Faculty of Engineering & Technology.
- 2. Admission**
  - 2.1 The number of seats in MCA Degree programme for which the admission is to be made will be decided by the Board of Management of SRM university.
  - 2.2 Admission to the MCA Programme in any year will be based on the results of SRM MCA entrance examination in that year and the percentage of marks obtained in the qualifying examinations (Clause 2.5).
  - 2.3 The eligibility criteria such as the minimum percentage of marks / CGPA obtained by the candidate in the qualifying examination, in accordance with clause 2.5, for appearing at SRM MCA entrance examination, will be decided by the Admission Committee.

The criteria will be set out in an information brochure to be forwarded to the applicants along with the relevant application forms.

2.4 The Admission Committee will decide on the procedure for conducting the SRM MCA entrance examination. Subject to a minimum performance criteria in the SRM MCA entrance examination, as decided by the Admission Committee from year to year, and the percentage of marks obtained in the qualifying examinations (clause 2.5) the Admission Committee will prepare a merit list. According to the merit list the committee will offer admissions through counseling based on the available seats.

2.5 Candidates for admission to the first year of the Master of Computer Applications full time degree course shall be required to possess a pass in the under mentioned "Bachelor's Degree" of any University or a qualification recognized by this University as equivalent thereto provided they have undergone the course under 10+2+3 or under the open University system.

a. B.C.A. / B.E.S / B.Sc.(Computer Science) / Mathematics / Physics / Statistics / Applied sciences.

OR

b. B. Com/ Bachelor of bank management/ B.B.A / B.L. M./ B.A.(Corporate Secretary ship / B.A.(Economics) / any other Bachelor's degree in any discipline with Business Mathematics and Statistics or Mathematics / Statistics in Main / Allied level.

OR

c. B. Sc. Chemistry with Mathematics and Physics as allied subjects.

OR

d. B. E./B. Tech/M.B.A

OR

e. A Bachelor's degree in any discipline with Mathematics as one of the subjects at the higher secondary level(i.e. in +2 level of the 10+2 pattern).

2.6 Notwithstanding the above, the actual admissions will be based on the rules and regulations of the UGC/ Competent authorities.

2.7 Candidates have to fulfill the medical standards required for admission as set out by the Admission Committee.

2.8 The selected candidate will be admitted to the MCA programme after he/she fulfills all the admission requirements as indicated in the letter of admission after payment of the prescribed fees.

2.9 In the matter of admission to MCA programme the decision of the Admission Committee is final.

2.10 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 (Engineering and Technology) may revoke the admission of the candidate and report the matter to the Vice Chancellor.

### 3. Duration and Structure of the Programme

3.1 The curriculum of MCA programme is designed to have a total of 104 credits for the award of the MCA Degree.

3.2 The complete programme will consist of the following categories a) Core courses such as Compulsory core courses and Choice based core courses b) Elective courses such as Programme electives / Interdisciplinary electives c) Supportive courses.

3.3 The curriculum shall not have separate laboratory courses.



3.4 Credits are assigned to the courses based on the following general pattern:

Course	Credits	Hour
		Distribution L-T-P
Core courses with practical	4	3-0-3 (or) 3-1-2
Core courses without practical	3	3-0-0
Elective courses	3	3-0-0
Supportive course-Mathematics	4	3-2-0
Supportive course-Management	3	3-0-0
Term Paper and Seminar	1	0-3-0
Mini Project	2	0-0-3
Project Work	18	0-0-20

3.5 Two elective courses shall be taken from the third semester onwards.

3.6 Supportive courses shall be taken one each in the first two semesters.

3.7 A list of credits for MCA programme is shown in the following table.

Sl. No.	Category	Credits						Category Total
		Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	
1.	Core courses	11	14	11	11	11	-	58
2.	Elective courses	-	-	6	6	6	-	18
3.	Supportive courses	4	3	-	-	-	-	7
4.	Term paper and Seminar	-	-	-	1	-	-	1
5.	Project work	-	-	-	-	2	18	20
6.	Total	15	17	17	18	19	18	104

3.8 Lesson plan approved by the Head of the Department/ School will be announced to the students on the opening day of the semester.

3.9 Programme electives are the list of electives prescribed in the curriculum of MCA programme of study. Any elective, from the curriculum are to be chosen by the students and will be offered subject to a minimum registration as would be prescribed from time to time.

3.10 Interdisciplinary electives are the courses associated with the programme of study offered by other departments (preferably within the school).

3.11 Supportive courses are the courses associated with the Mathematics and Management studies.

3.12 A candidate may be permitted by the Head of the Department to choose one or more electives offered by other departments of the faculties of the University during the period of his / her study as 'General Elective', depending upon the necessity, provided that the concerned departments, offering such courses, agree for the same and clashes in the time table are avoided.

3.13 To encourage students to choose topics for their project works in the new emerging areas, "Special electives" in such emerging new areas shall be offered by a department in a semester, provided that the proposal of offering new electives are recommended by the concerned Board of Studies, and approved by the Academic Council before the commencement of the semester in which the special electives are proposed to be offered.

3.14 Term paper shall be a Journal paper presentation and analysis of published paper/ review of current trends with a presentation and report / status report / relevant to the particular course of study.

3.15 Mini project shall be carried out by the student under the supervision of assigned faculty member in the Fifth semester. It is designed to promote hands-on training to the students to implement their software development knowledge in the chosen project.

3.16 The medium of instruction, examination and project reports will be in English.

#### 4. PROJECT WORK

4.1 Project work prescribed in the Sixth semester shall be carried out by the student under the supervision of a qualified faculty in the concerned department. Students may be permitted to do the projects in reputed industries with the prior permission of Head of the concerned Department/School.

4.2 Project work shall be pursued for a minimum of **16 weeks** during the final semester.

4.3 At the completion of Project the student should submit a Project report to the head of the institution, based on the University approved guidelines and duly signed by the supervisor(s) and the head of the department.

4.4 The deadline for submission of Project report is **30 calendar days** from the last working day of the semester in which the project work/thesis /dissertation is done.

4.5 If a candidate fails to submit the project work on or before the specified deadline, he/she is deemed to have failed in the project work and shall re-enroll the same in a subsequent semester.

4.6 The end semester examination of project evaluation will be based on the report and a viva-voce examination on the project. The detailed project evaluation scheme is given in clause 17.2.

#### 5. Faculty Adviser / Counsellor

To help the students in planning their courses of study and for general advice on the academic programme, the concerned School/ Department will assign a certain number of students to a faculty member, who shall function as Faculty Adviser/ Counsellor for those students throughout their period of study. Such Faculty adviser / Counsellor shall advise the students and monitor the courses taken by the students, check the attendance and progress of the students and counsel them periodically. If necessary, the faculty adviser may also discuss with or inform the parents about the progress of the students.

#### 6. Class Committee

6.1 Every class (comprising of sections) of the MCA Programme will have a Class Committee consisting of faculty and students. The class committee for the School / Department programmes of each semester will be constituted by the Head of the concerned School / Department, on the first working day of any semester or earlier.

6.2 The constitution of the Class Committee for the School/ Department programmes of each semester will be as follows:

- a) All teachers of the courses.
- b) Two students from the top half of the class to be chosen by the students of the class.
- c) One faculty 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 Chairman of the Class Committee.
- d) Faculty Adviser(s) / Counsellors of the respective class.

- 6.3 The basic responsibilities of the Class committee are:
- a) The class committees shall meet at least thrice in a semester, once at the beginning of the semester, once after the first cycle test and once at the end of the semester. During these meetings the student representatives should express their suggestions to improve the effectiveness of the teaching-learning process.
  - b) To review periodically the progress of the classes.
  - c) To discuss problems concerning curricula and syllabi and the conduct of classes
  - d) To inform about the academic schedule including the dates of assessments, the syllabus coverage of each assessment and assessment procedure of the course.
  - e) Analysing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
  - f) Identifying the weak students, if any and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.
  - g) The chairperson is required to prepare the minutes of every meeting, submit the same to the head of the institution within two days of the meeting and arrange to circulate among the concerned students and teachers.
  - h) The class committee **without** student members is responsible for the finalization of the semester results.

## 7. Course Committee

- 7.1 Each course offered to the students shall have a "Course Committee" comprising all the teachers teaching the course with one of them nominated as Course coordinator. The nomination of the Course coordinator shall be made by the Head of the Department/School. The 'Course Committee' shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. Where it is feasible, the course committee may also prepare a common question paper for the test(s).

## 8. Registration and Enrolment

- 8.1 Registration and enrolment of any course will be controlled by the office of the Controller of Examinations.

- 8.2 From the second semester onwards all students have to enroll on a specified day at the beginning of a semester. A student will be eligible for enrolment only if he/she satisfies Clause 12 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 by a 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 reasons.

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

8.4 The registration sheet contains the course number, course name, number of credits and category for each course taken in that semester. The student makes the choice of course in consultation with his/her Faculty Adviser.

## 9. Registration Requirement

9.1 The curriculum for any semester will normally carry credits between 15 and 19.

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

9.3 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 clause 12.1.

## 10. Summer Term Courses

10.1 A summer term course may be offered by a School/Department, by the Deans/HODs, with the approval of the Director (E&T). The course will be of 5 to 6 weeks duration during the summer vacation. Maximum two subjects will be permitted to a student during the semester. The number of contact hours per week per subject will be 8–10 hours against 3–4 hours per subject per week in the regular semester. The evaluation process will be the same as that of regular semester.

Courses will be offered by departments only to students detained for lack of attendance in those subjects (Grade W, clause 20.1). However, failed students (Grade U, clause 20.1) and students who were absent (Grade I, clause 20.1) can also register for the courses, when they are offered to students detained for lack of attendance.

*No student can register for more than two courses during a summer term.*

10.2 Summer term courses will be announced by the Director (E&T) at the end of the even semester before the commencement of the end semester examinations. A student will have to register within the time stipulated in the announcement by paying the prescribed fees.

10.3 Withdrawal from a summer term course is not permitted. No make up examination (see R.18.0) will be given for a summer term course ordinarily.

## 11. Contact courses

11.1 Only to a final year student, who has obtained "U" grade in a CORE course, a

School/Department may offer a contact course during the regular semester or summer term.

The course will be offered only on the recommendation of the School/Department with the mutual agreement of the teacher and the student.

11.2 No student should register for more than two contact courses during the semester or summer period. If a student registers for more than 2 summer term courses then he/she is not eligible for contact course during that summer.

11.3 The contact course cannot be offered if a semester OR a summer course is offered on the same course, during that period.

11.4 Such final year students, who wish to take contact course, should apply to the Director (E&T), before the commencement of the semester/summer-term in which the contact course is to be taken.

11.5 The assessment procedure for a contact course will be similar to the procedure for the regular semester course.

11.6 Withdrawal from a contact course is not permitted.

## 12. Minimum Requirement to Continue the Programme

- 12.1 To be eligible for admission to III semester MCA, a student must have earned a minimum of 16 credits. To be eligible for admission to fifth semester MCA, a student should have earned a minimum of 34 credits.
- 12.2 A student who is not eligible for promotion from an even semester to the next to the next higher (odd) semester for reasons of having not earned the prescribed minimum number of credits, will have to discontinue the programme temporarily. He/she can rejoin the programme after fulfilling the academic performance requirements 12.1.

## 13. Maximum duration of the Programme

- 13.1 Each semester shall normally consist of 90 working days or 450 hours. The minimum period for completion of the MCA program is SIX semesters and maximum period to complete the MCA program is **twelve semesters**. However, a student may complete the programme at a slower pace by taking more time but in any case not more than 12 semesters excluding semester withdrawn on medical grounds etc., as per clause 14.1.

## 14. Temporary withdrawal from the programme

- 14.1 A student may be permitted by the Director (E&T) 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.
- 14.2 The candidate permitted to rejoin the programme after the break shall be governed by the rules and regulations in force at the time of rejoining.

## 15. Discipline

- 15.1 Every student is required to maintain discipline and decorous behaviour both inside and outside the University campus and not to indulge in any activity which will tend to bring down the prestige of the University.
- 15.2 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 indiscipline will be reported to the Director (E&T), 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 punishment if the charges are substantiated. The Director (E&T) will take appropriate action on the recommendation of the Discipline and Welfare Committee.
- 15.3 Appeal: The student may appeal to the Vice Chancellor whose decision will be final and binding.

## 16. Attendance

- 16.1 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.
- 16.2 Every teaching staff member handling a class will take attendance till 3 calendar days before the last instructions 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         | H    |
| 85 to 94 %            | 9    |
| 75 to 84 %            | 8    |
| Below 75 %            | L    |

16.3 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 subject. 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 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.

16.4 The students must strive to attend all the classes without fail. However, the minimum attendance requirement of 75% allows a student the facility to use the balance 25% to account for short illnesses of a few days; permitted assignments such as job interviews; inter university sports meets, inter-collegiate/inter-university competitions, etc.

16.5 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 (E&T), 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.*

16.6 **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.

## 17. Assessment Procedure – Tests and Examinations

17.1 From time to time, the Academic Council will decide the system of tests and examinations in each course in each semester.

17.2 The current practice of the weightage for various examinations / tests shall be as indicated below:

Assessment	Examinations	Weightage in %		
		Course with Practical	Course without Practical	Term Paper/ Mini Project/ Project Work
Continuous	1. Announced Quiz	5	10	---
	2. Unannounced Quiz	5	10	---
	3. Test – 1	10	20	---
	4. Test – 2	10	20	---
	5. Review – 1	---	---	10
	6. Review – 2	---	---	20
	7. Review – 3	---	---	30
Final Theory	--	30	30	---
Final Practical	--	30	---	---
Final Review	--	---	---	30
Case study based research report	---	10	10	10

17.3 The marking for all tests, tutorial assignments (if any), laboratory work and examinations will be on an absolute basis. The final percentages of marks are calculated in each course as per the weightages given in 17.2.

## 18. End Semester Examination

- 18.1 There will be one end semester examination for three hours duration in each lecture based course.
- 18.2 The examinations at the end of a particular semester will be conducted only for the courses of the current semester. That is, at the end of odd semester, examinations for the courses of odd semester only will be conducted. Similarly at the end of the even semester, examinations will be conducted only for the courses of the even semester. However, for the students of final semester, the examinations of odd semester courses and even semester courses will be conducted at the end of final semester.
- 18.3 A student should have appeared for the end – semester examination of the prescribed course of study to be eligible for the award of the grade in that course.

## 19. Make-up Examination

- 19.1 Only one make up examination will be held about two weeks after the end semester examination. Only the students who have failed (Grade U, clause 20.1) permitted to take up make up examinations. Students detained for want of attendance (Grade W, clause 20.1) and students who were absent for examination without proper reasons (Grade I, clause 20.1) are not eligible to appear for make up examination. Those students who were absent for the examination, due to genuine reasons should take prior permission from the Director / Associate Director, to attend make up examination. The make up examination will be conducted only for the current semester courses.

- 19.2 A student who has missed the cycle tests, model examination, or end-semester examination for **valid** reasons is eligible for a make-up examination.

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

He/She should make an application to the Director (E&T) *within five days from the date of the examination missed explaining the reasons for his/her absence. Applications received after this period will not be entertained.*

- 19.3 A student who misses the 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 Vice Chancellor, in consultation with the Director (E&T) may permit the student to appear for a second make-up examination.
- 19.4 The cut of marks for conversion of marks into grades in the make up examination will be the same as those in the regular end semester examination, in a particular course.

20. **Course-wise Grading of students**

20.1 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.

A+	10 grade points
A	9.5 grade points
A-	9.0 grade points
B +	8.5 grade points
B	8.0 grade points
B-	7.5 grade points
C +	7.0 grade points
C	6.5 grade points
C-	6.0 grade points
D	5.0 grade points
E	4.0 grade points
U	0 grade point
W	0 grade point (Failure due to insufficient attendance in the course)
I	0 grade point [Incomplete due to absence in end semester examination; Subsequently to be changed into pass (E to A+) or U grade.

20.2 A student is considered to have completed a course successfully and earned the credits if he secures a letter grade other than U or W or I in that course. A letter grade U or W in any course implies a failure in that course.

21. **Method of awarding letter grades**

21.1 A final meeting of the class committee **without** student 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 the meeting.

22. **Declaration of Results**

22.1 After the finalization by the class committee as per clause 21.1 the letter grades will be announced by the Controller of Examinations.

22.2 The W 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.

22.3 'U' 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.

23. **Re-examination of Answer Papers**

23.1 In case any student feels aggrieved, he 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 by the teacher(s) concerned. If the teacher feels that the case is genuine he may re-examine the case and forward a revised grade, if any, to the Controller of Examinations through the Chairman of the class committee with justification for the revision, with intimation to the Head of the School/Department.



## 24. Course Repetition

24.1 A student securing U or W grade in a core course has to repeat it compulsorily when the course is offered next.

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

A course successfully completed cannot be repeated.

## 25. Grade Card

25.1 The grade card is 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
- 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 GPA (Grade Point Average) of the semester and cumulative Grade Point Average (CGPA) of all the courses

25.2 The GPA will be calculated as

$$GPA = \frac{\sum C \times GP}{\sum C}$$

Where C = credit for the course, GP the grade point obtained for the course and the sum is over all the courses taken in that semester, including those in which the student has secured U and W grades.

For the CGPA a similar formula is used where the sum is over all the courses taken, including those in which the student has secured U and W grades, in all the semesters completed up to the point in time.

25.3 Class / Distinction will be awarded to the students after they successfully complete the MCA programme within the prescribed time duration of 6 semesters, as per norms given below.

CGPA	Classification of the Degree
CGPA $\geq$ 8.5 (without U or W or I in any Semester)	First class with Distinction
CGPA $\geq$ 6.5 and $<$ 8.5	First Class
CGPA $\geq$ 5 and $<$ 6.5	Second Class
CGPA $\geq$ 4 and $<$ 5	Pass

## 26. Eligibility for the Award of the Master Degree

26.1 A student shall be declared to be eligible for the award of the MCA 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 within the stipulated time duration
- c) No disciplinary action pending against him / her.

## 27. Revision of regulation and Curriculum

The Academic Council of SRMU may from time to time revise, amend or change the regulations, scheme for examinations and syllabi if found necessary.