ORDINANCES

Approved in First Meeting of Board of Management held on 14-3-2014, and
First, Third & Fourth Academic Council Meetings held on 11-6-2014, 25-4-2015 & 20-11-2015
and
Modified in Subsequent Academic Council Meetings and Board of Management Meetings

Master of Computer Application

for

Students Admitted from Session 2014-2015

MADAN MOHAN MALAVIYA
UNIVERSITY OF TECHNOLOGY
GORAKHPUR-273010 (UP), INDIA

Madan Mohan Malaviya University of Technology
Gorakhpur (UP) - India

(Approved in First Meeting of Board of Management held on 14-3-2014
and modified in subsequent meetings)

First Ordinances

In pursuance of the provisions of section 31 of The Uttar Pradesh Madan Mohan Malaviya University of Technology Act, 2013, these are the first Ordinances for Madan Mohan Malaviya University of Technology, Gorakhpur:

The Uttar Pradesh Madan Mohan Malaviya University of Technology

FIRST ORDINANCES, 2014

Short title, commencement and Definitions Sec. 31 (1)

1. These Ordinances may be called the Madan Mohan Malaviya University of Technology, Gorakhpur. First Ordinances, 2014

2. They shall come into force at once.

3. Anything contained in ordinances, regulations and rules made there under in violation to provisions of Act shall be void and the provisions of Act shall prevail.

4. In these Ordinances, unless the context otherwise requires

(a) 'Act' means the Uttar Pradesh Madan Mohan Malaviya University of Technology Act, 2013 as amended from time to time.

(b) 'Section' means a section of the Act.

(c) 'University' means the Madan Mohan Malaviya University of Technology, Gorakhpur.

5. Words and expression used herein but not defined and defined in the Act shall have the same meaning as assigned to them in the Act.

6. **UNDER SECTION 31-1(a) - The Admission of students, the courses of Study and Fees therefore, the qualifications pertaining to the award of degrees, diploma, certificates and other academic distinctions, the conditions for the grant of fellowships and awards and the like**

(a) University may start the other Degree, Diploma, Certificate programmes and other academic distinctions as deemed necessary for fulfilling its objectives and the Ordinances for the same shall be as prescribed by Academic Council and Board of Management.

(b) Courses of Study shall be as prescribed by the Academic Council and approved by Board of Management.

(c) Fellowships and Awards shall be instituted as per the requirement with the approval of Vice Chancellor under intimation to the Academic Council and Board of Management

(d) Ordinances for Bachelor of Technology (B.Tech.), Master of Technology (M.Tech.), Master of Business Administration (M.B.A.), Master of Computer Applications (M.C.A.) and Doctor of Philosophy (Ph.D.) Degree programmes running in the University at the time of its reconstitution from Madan Mohan Malaviya Engineering College, Gorakhpur are detailed ahead. Ordinances for other programmes as started from time to time shall be as prescribed by the Academic Council and Board of Management.

6.4 ORDINANCES FOR M.C.A. PROGRAMME FROM ACADEMIC SESSION 2014-15

6.4.1 ADMISSION

6.4.1.1 University offers full time Master of Computer Applications (MCA) Degree Programme.

6.4.1.2 Admission to MCA first year in Semester I will be made as per the rules prescribed by the University from time to time.

6.4.1.3 The reservation policy as prescribed by U.P. State Government or its directions regarding admission from time to time shall be adhered in the admission.

6.4.1.4 The selection will be based on the merit of the candidate in the admission process.

6.4.1.5 Admission on migration of a candidate from any other University to Madan Mohan Malaviya University of Technology is not permitted.

6.4.1.6 If, at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission or has committed some fraudulent act at any stage then the University reserves the right to revoke the admission of the candidate.

6.4.2 ELIGIBILITY FOR ADMISSION

6.4.2.1 A candidates shall be eligible for admission if he/she possess Bachelor's Degree under 10+2+3/4 years pattern of education in Mathematics/ Statistics/ Engineering/Technology with minimum 55% aggregate marks from a University recognized by U.G.C. and this University.

6.4.2.2 The exact eligibility criteria for admission to MCA programmes shall be as prescribed by the University from time to time and announced for admission.

6.4.2.3 Academic Council of the University has the power to repeal and modify the eligibility criteria for admission.

6.4.3 PROGRAMME DURATION

(a) The duration of the MCA programme for the candidates admitted in semester I will be three academic years (six semesters).

(b) The duration of each semester will generally be 90 working days or as prescribed by the University from time to time.

(c) There are two regular semesters in a year. The semester that begins in July (*July to November/December*) is known as the *Odd Semester* and the semester that begins in December/January (*December/January to May)* is known as the *Even Semester.* Academic session may be scheduled in the summer season as well.

(d) The maximum time allowed for completion of the programme for the candidates admitted in semester I shall be five years beyond which the admission of the candidate shall be automatically cancelled. The candidate will not be allowed to continue in the subsequent years of the programme, if the sufficient time period is not available for its completion in stipulated maximum duration.

(e) The student may complete the programme at a slower pace by taking more time but not more than prescribed maximum duration subject to the provisions of **Clause 6.4.8**.

6.4.4 CURRICULUM STRUCTURE OF THE PROGRAMME

6.4.4.1 The University follows a specialized credit-based semester system. Every programme will have a specific curriculum for all semesters (semester I to semester VI) with a syllabi consisting of theory, practical, industrial/practical training, project work, etc., as given below and shall be in accordance with the prescribed syllabus. The courses shall be covered through lectures, tutorials, laboratory classes, seminar, industrial/practical training, project, tours etc. as prescribed by the University.

MCA Core Courses (MCC)
(i)   Basic & Applied Mathematics (BAM)
(ii) Departmental Core (DC)
(iii) Management (M)
(iv) Humanities & Social Science (HSS)
(v)   Project (P)

MCA Programme Electives (MPE)
Programme Electives (PE)

Audit Courses
(i)   Audit Course (AC)
(ii) Seminar
(iii) Industrial/Practical Training (IPT)

The department will prescribe Seminar as audit requirement for the MCA Degree Programme. Seminar is a course wherein under the guidance of a faculty member a student is expected to do an in-depth study in a specialized area by doing survey of published technical literature, understanding different

aspects of the selected topic and arriving at a status report. While doing a seminar, the student is expected to critically analyze works of various authors/researchers, learn the investigation methodologies, study concepts, techniques and the results presented in these papers, and present a seminar report. It is mandatory to give a seminar presentation of stipulated duration before a panel constituted for the purpose by the department.

In addition to the stipulated industrial project of one semester in 6th semester, the students will also be required to undertake industrial/practical training in summer vacation after 2nd year. The duration for industrial/practical training of project based type preferably will be of 3 months duration (1st May to 30th July) after semester IV which could be under Cooperative Education Model (CO-OP Model). If student could not be assigned for 3 months project based training in industry, he/she has to complete one month industrial/practical training along with two months society/commercial/industrial problem related minor project under supervision of designated faculty supervisor from his/her department of University. The student will submit a report on the industrial/ practical training and/or minor project report to the Head of Department for evaluation through a committee of faculty members constituted by the Head of Department.

Each course is assigned a certain number of credits as follows. Few audit courses as per demand and requirement of students shall be offered.

(a) 1 credit per lecture hour per week
(b) 1 credit per tutorial hour per week
(c) 1 credit per 2 hours laboratory/project per week.

The curriculum for MCA Programme of study has been designed with total minimum credits of 135 and total minimum 16 credits of audit courses for those admitted in 1st year of MCA Programme.

6.4.4.2 Overall Credit Structure

Credit Courses			
MCA Core Courses (MCC)		**MCA Programme Electives (MPE)**	
Category	**Min. Credits**	**Category**	**Min. Credits**
Basic and Applied Maths (BAM)	7	Program Electives (PE)	16
Departmental Core (DC)	88		
Management (M)	7		
Humanities & Social Science (HSS)	3		
Project (P)	14		
Total	**119**		**16**
Grand Total	**135 (minimum)**		
Audit Courses			

Audit Course (AC) (Min. 3 credits audit subject from other departments will be offered during semester I-III)	12
Seminar	3
Industrial/Practical Training (IPT)	1
Total **16 (minimum)**	

Each student has to register for a set of courses as offered by their department in each semester by paying the stipulated fees, which include tuition fee, examination fee, enrolment fee, development fee, insurance fee, degree fee, alumni fee, internet charges, hostel fee, mess advance, miscellaneous user charges etc. as applicable from time to time.

6.4.4.3 Other Activities

The other general proficiency activities will include Games/Sports/Cultural/ Literary/ Practical/Field Activities/Industrial visit/Extension Lectures. It will be carried out beyond class hours. Students may be taken on conducted tours through industrial works arranged by the department to expose them to various technologies employed in the industry. The curriculum will also include other curricular, co-curricular activities and extra curricular activities as may be prescribed by the University from time to time. The general proficiency remark as per **Clause 6.4.5.2(h)** shall appear in the Grade Card of the student in each semester.

6.4.5. GRADING SYSTEM AND ASSESSMENT PROCEDURE

6.4.5.1 Grading System

The academic performance evaluation of a student will be according to a Letter Grading system based on class performance of students. The Letter Grades and the corresponding Grade Points are as follows. Grades falling between A(+) and D in different subject are called pass grades, while the students securing F grade will be treated fail in the subject and shall have to **re-register, or appear in re-major examination or repeat the semester as per provision of clause 6.4.6 & 6.4.8 respectively**.

Letter Grade	Grade Points	Description
A(+)	10	Outstanding
A	9	Excellent
B(+)	8	Very Good
B	7	Good
C	6	Average
D	5	Below Average
F	0	Fail
U	-	Short Attendance
W	-	Withdrawal
I	-	Incomplete

AP	-	Audit Pass
AF	-	Audit Fail
S		Satisfactory Completion
Z		Course Continuation

Grade Award System

Grade	Grade Points	Marks (in %)
A(+)	10	90-100
A	9	80-89
B(+)	8	70-79
B	7	60-69
C	6	50-59
D	5	40-49
F	0	<40

6.4.5.2 Assessment Procedure

Tests & Examinations

(6.4.5.2 (a), (b) and (c) modified in 8th meeting of Academic Council and 13th meeting of BOM)

The theory and practical examinations shall comprise of continuous assessment throughout the semester in all subjects major examination conducted by University at the end of the semester (November/December or April/May). The assessment of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain points, will be awarded as per the range of total marks (out of 100) obtained by the candidate, as detailed below. The rounding off shall be done on the higher side.

(a)   Distribution of Marks for Theory based Subject

S.N.	Assessment Basis		Duration	Marks
1	Continuous Evaluation	Minor Test	2 Hours	30
2		Tutorial/ Assignment/ Quiz/Attendance	-	20
3		Major Examination	3 Hours	50

(b) Distribution of Marks for Practical based Subject

S.N.	Assessment Basis		Duration	Marks
1	Continuous Evaluation	Viva Voce	-	20
2		Practical Work	-	20
		Attendance /		10

		Record		
3	Major Examination		3 Hours	50

(c) Distribution of Marks for Theory & Practical based Subject

S.N.	Assessment Basis		Duration	Marks
1	Continuous Evaluation	Minor Test	2 Hours	20
2		Tutorial/ Attendance Home Assignment/ Quiz	-	10
3		Practical Work/ Record/Viva Voce		10
4		Practical Examination		10
5	Major Examination		3 Hours	50

Note: *The syllabus for Minor Test will be 50% of the total syllabus. However, the Major examination will be conducted from the entire syllabus of the subject in such a way that 20% weightage is given to Unit-I & II and 80% weightage to Unit-III & IV of the syllabus.*

There is no provision of special minor test. It is compulsory for a student to appear in major examination otherwise he/she will be declared fail in that subject. If a student could not pass in a subject he/she may be allowed for re-major examination. There is no minimum marks criterion in continuous evaluation for appearing in re-major examination. *(Modified in 8th meeting of Academic Council and 13th meeting of BOM)*

(d) Distribution of Marks for Project Based Industrial/Practical Training

For evaluation of industrial/practical training, the respective industry shall nominate an In-charge/Supervisor from its organization under intimation to the University. For evaluation by the respective University Department, Head of Department shall get it done by a panel of teachers. The three month industrial/practical training of project based type could be under Cooperative Education Model (CO-OP Model)

Three Months Industrial/Practical Training

There will be **two** parts in the evaluation process.

Part A :   Marks Awarded by the respective Industrial/Practical   : 40
           training organization
Part B :   Marks Awarded by the Department for Industrial/Practical   : 60
           training

S. N.	Assessment Basis		Marks
1.	Part A	Technical Quality of the work	20

		Internal Marks	Attendance	5
			Discipline	5
			Involvement	5
			Interest of the Student	5
2.	Part B	Project Work		20
		Viva Voce & Presentation		30
		Project Report		10

One month Industrial Training and Two months Minor Project in University Department

There will be **three** parts in the evaluation process.

Part A : Marks Awarded by the respective Industrial/Practical training organization : 20

Part B : Marks Awarded by the Department for Industrial/Practical training : 30

Part C : Marks Awarded for Minor Project : 50

S. N.	Assessment Basis			Marks
1.	Part A	Technical Quality of the Work		10
		Internal Marks	Attendance	3
			Discipline	2
			Involvement	3
			Interest of the Student	2
2.	Part B	Project Work/Learning in Industry		10
		Viva Voce & Presentation		15
		Project Report		5
3.	Part C	Relevance, Scope and Dimension of Project		10
		Application Methodology		10
		Analysis, Result, Report		10
		Final Product		20

(e) Distribution of Marks for Seminar

S. No.	Assessment Basis	Marks
1.	Quality of Material	30
2.	Quality of Presentation	30
3.	Quality & Extent of Response of Questions Asked	20
4.	Participation in Other Seminars (Attendance)	20

Any student securing less than 40 marks ('F' grade) in seminar shall have to repeat the seminar in the same semester. This will be limited to only one chance.

(f) Distribution of Marks for Project Course

Every student is required to carry out project work under the supervision of a faculty member of the department. However, a student may also opt to pursue his project work in a reputed industry/institution with the consent of Department/University. In such cases, the department must look into the suitability of the projects and assign one internal supervisor. The internal supervisor shall monitor progress of the student continuously. A candidate is required to present the progress of the project work (at least one) during the semester at an appropriate time decided by the Department. There will a final presentation of the project work at the end of the semester.

S. N.	Assessment Basis		Duration	Marks
1.	Continuous Evaluation	Mid Term Presentation	-	30
2.		Final Project Report & Contribution made to Literary World/Industry	-	30
3.	Major Examination		1Hour	40

Students are required to begin project work after the end of semester V Major Examination. A project grade is awarded on the basis of the prescribed evaluation process. The project may be related to a theoretical modeling, simulation and analysis, experimental investigation, a proto-type design, product design and development, a new correlation and analysis of data, fabrication and setup of new equipment etc. preferably useful for the society/industry.

(g) Audit Courses

S. N.	Audit Course Status	Marks Obtained
1.	Audit Pass (AP)	50% and Above
2.	Audit Fail (AF)	Below 50% , Candidate has to repeat the course

(h) Distribution of Marks for General Proficiency

General proficiency remark will be based on the cumulative percentages of marks scored by the student during each semester through various components as detailed below. Detailed distribution for award of marks in each component and/or their weightage may be as prescribed by the University from time to time.

S. N.	Assessment Basis	Weightage of Marks
1.	Discipline/Behaviour of Students Inside/Outside University campus	40%
2.	Games/Sports/Cultural/Literary Events	40%
3.	Academic & Research / Special Lecture / Extra-curricular Events & Industrial Visits	20%

S. N.	Marks Secured	Remark
1.	80-100%	Excellent
2.	60-79%	Very Good
3.	40-59%	Good
4.	20-39%	Satisfactory
5.	<20%	Average

6.4.6   RE-REGISTER AND RE-MAJOR EXAMINATION

Students with F grade in any subject. will be required either to re-register in the subject or appear in re-major as per following guidelines:

a)   If student got F-grade before 2017-18 session (where students are required to score at least 40% of the total marks allocated for continuous evaluation in the concerned subject), he/she will be permitted to give re-major examination alongwith end semester exams or special re-major exams to be held in june. For the students who secured "F" grade before 2017-18 session and also failed in continuous evaluation (sessionals) of that subject, such students will have to re-register in that subject in the forthcoming semester or during summers if it is arranged by respective HODs.

b)   For the students who secured "F" grade in any subject from session 2017-18 onwards, will have to re-register in that subject while it is run by the department. Such students will have to attend the classes of that subject on regular basis and appear in the minor and major examination to satisfy all the requirements mentioned in the ordinance for passing the subject. *(Modified in 11th meeting of Academic Council and 13th meeting of BOM)*

6.4.7   EVALUATION OF PERFORMANCE

The performance of a student will be evaluated in terms of two indices, viz. the Semester Grade Point Average (SGPA) which is the Grade Point Average for a semester, and Cumulative Grade Point Average (CGPA) which is the Grade Point Average for all the completed semesters at any point in time considered cumulatively.

Points Secured in the Semester = $\sum$ (Course Credits x Grade Point) for courses in which A(+) to D grade has been obtained

Total Credits Registered in the Semester Excluding Audit Courses= $\sum$ (Course credits) for courses in which A(+) to D grade has been obtained

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}}$$

The CGPA is calculated on the basis of all pass grades, except audit courses and courses in which S or Z grade is awarded/secured in all completed semesters.

Cumulative Points secured in all passed courses = $\sum$ (Course Credits x Grade Point) for courses in which A(+) to D grade is obtained

Cumulative Total Credits excluding Audit Courses = $\sum$ (Course credits) for courses in which A(+) to D grade is obtained

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative Total credits excluding audits courses}}$$

An example of these calculations is given ahead.

ODD Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX101	5	B	5	7	35
XX102	4	C	4	6	24
XX103	4	A(+)	4	10	40
XX104	2	B(+)	2	8	16
XX106	4	D	4	5	20
XX107	-	S	-	-	-
XX108 (AC)	3	AP	-	-	-
Total	**19**		**19**		**135**

Credits registered in the semester excluding audit courses (total of column 2)   = 19
Total credits earned in the semester excluding audit courses (total of column 4)   = 19
Points secured in this semester (total of column 6 for all passed courses)   = 135

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{135}{19} = 7.105$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits, excluding audits courses}} = \frac{135}{19} = 7.105$$

Semester performance: Total credits (E.C.)   = 19   SGPA = 7.105
Cumulative performance: Total credits (E.C.)   = 19   CGPA = 7.105

EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B(+)	5	8	40
XX152	4	A	4	9	36
XX153*	4	F	-	0	0
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A(+)	4	10	40
XX157	-	S	-	-	-
XX158 (AC)	3	AF	-	-	-
Total	**23**		**19**		**154**

Credits registered in the semester excluding audit courses (total of column 2)   = 23
Total credits earned in the semester excluding audit courses (total of column 4)   = 19
Points secured in this semester (total of column 6 for all passed courses)   = 154
Cumulative points in all passed courses = 135 (past semesters) + 154 (this sem.)   = 289
Cumulative total credits registered = 19 (past semesters) + 23 (this sem.)   = 42

$$\text{SGPA}^* = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{154}{23} = 6.695$$

$$\text{CGPA}^* = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits, excluding audits courses}} = \frac{135+154}{19+23} = 6.881$$

Semester performance: Tentative $\text{SGPA}^* = 6.695$
Cumulative performance: Tentative $\text{CGPA}^* = 6.881$

When a student gets the grade 'F' in any subject during a semester, the SGPA and the CGPA from that semester onwards will be tentatively calculated [SGPA^* and CGPA^*] taking only 'zero point' for each such 'F' grade. After the 'F' grade(s) has/have been substituted by better grades during a subsequent semester or summer term, the SGPA and the CGPA of all the semesters, starting from the earliest semester in which the 'F' grade has been updated, will be recomputed and recorded to take this change of grade into account.

If the student (as mentioned in above example) registers the failed subject in the Summer Term-20XX and clears it with "B" grade, its grade sheet will be :

Summer Term-20XX

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX153	4	B	4	7	28

The revised grade sheet of even semester will now be recomputed as

EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B(+)	5	8	40
XX152	4	A	4	9	36
XX153*	4	F/B	4	7	28
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A(+)	4	10	40
XX157	-	S	-	-	-
XX158 (AC)	3	AF	-	-	-
Total	**23**		**19**		**154**

Note: Subject XX153* is cleared in Summer Term-20XX

Credits registered in the semester excluding audit courses (total of column 2)   = 23
Total credits earned in the semester excluding audit courses (total of column 4)   = 23
Points secured in this semester (total of column 6 for all passed courses)   = 182
Cumulative points in all passed courses = 135 (past semesters) + 182 (this sem.)   = 317
Cumulative total credits registered = 19 (past semesters) + 23 (this sem.)   = 42

$$\text{SGPA} = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{182}{23} = 7.913$$

$$\text{CGPA} = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits, excluding audits courses}} = \frac{135+182}{19+23} = 7.547$$

Semester performance: SGPA = 7.913
Cumulative performance: $CGPA$ = 7.547

(Modified in 11th meeting of Academic Council and 13th meeting of BOM)

6.4.8 ACADEMIC CRITERIA FOR CONTINUATION

6.4.8.1 A minimum 5.0 CGPA is required in order to qualify for continuation of registration at any stage and award of the degree at the end of 6th semester.

6.4.8.2 A student must register a minimum of 18 credits in a semester which shall essentially include the pre-requisite subjects. It allows the students to progress at an optimum pace suited to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

(a) **For MCA 1st Year Students**
They must earn minimum 18 credits in an academic session in odd and even semester of an academic session for promotion to 2nd year failing which they have to re- register & repeat complete 1st Year. *(Modified in 10th meeting of Academic Council and 13th meeting of BOM).*

(b) **For MCA 2nd Year Students**
They must earn minimum 36 credits in the 1st year and minimum 18 credits in an academic session including odd and even semester of 2nd year for promotion to 3rd year failing which they have to re-register & repeat complete 2nd year or earn the requisite credits through re-major examination in respective year as case may be. *(Modified in 10th meeting of Academic Council and 13th meeting of BOM).*

6.4.8.3 A student is considered to pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per **Clause 6.4.8.2.** *(Modified in 8th meeting of Academic Council and 13th meeting of BOM)*

6.4.9 AWARD OF DIVISION, RANK AND MEDALS

6.4.9.1 A candidate who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the six semesters within a maximum period of five years reckoned from the commencement of the first semester to which the candidate was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of **Clause 6.4.8.1**. Award of the Division in the degree shall be governed by the provisions given below.

(a) A candidate who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within six consecutive semesters (three academic years) as applicable, and in addition secures a CGPA of 7.5 and above for the semesters I to VI shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS.**

(b) A candidate who qualifies for the award of the degree by securing D or above grades in all subjects of all the semesters within a maximum period of six semesters, after his/her commencement of study in the 1st semester and in addition secures CGPA not less than 6.5 shall be declared to have passed the examination in **FIRST DIVISION**.

(c) All other candidates who qualify for the award of degree by securing D or above grades in all subjects of all semesters within a maximum period of five year after his/her commencement of study in the 1st semester shall be declared to have passed the examination in **SECOND DIVISION.**

6.4.9.2 For the award of **Ranks** for the programme, the CGPA secured in all semesters shall be considered and it is mandatory that such candidate should have passed all the subjects by securing D or above grades in all the semesters in the first attempt in 3 year duration of programme. Rank certificates in the form of "Certificate of Merit" would be issued to top three students as 1st, 2nd & 3rd rank on the overall basis in the MCA programme selected on the basis of CGPA in particular academic session.

6.4.9.2 **Vice-Chancellor Gold Medal** will be awarded to the passing out students from MCA identified as prescribed in **Clause 6.4.9.2**, who secures the highest CGPA at the end of VI semester in first attempt, i.e. 1st Rank holder for MCA programme.

6.4.10 ATTENDANCE

6.4.10.1 Every faculty member handling a course will record attendance from the scheduled date of commencement of classes upto 3 calendar days before the last instructional day in the semester as per academic calendar. The cumulative percentages of attendance will be recorded in the office of the Dean handling academic affairs of such students of the University. The attendance remark in the grade card will be shown based on the cumulative percentages of attendance calculated for the period between the date of commencement of classes and the last date for recording the attendance in all the registered subjects (credits and audit courses) in the semester as per the following table. Cumulative attendance remark shall appear in the grade card in each semester

S. N.	Attendance	Remark
1.	90-100%	Very Good
2.	80-89%	Good
3.	75-79%	Satisfactory
4.	<75%	Poor

6.4.10.2 A student is expected to attend all classes, laboratory, seminar, project, tour and tutorial sessions that are formally scheduled and a formal attendance will be taken in each such session. It is recognized that due to illness and other emergent reasons there may be instances when a student is unable to join the scheduled academic activities; a leave application duly recommended and forwarded by the student's Head of Department should be submitted in such cases at the earliest to office of the Dean of Students Affairs. Such absence can not be more than 25% of the total classes held in a subject which needs to be got condoned as prescribed in **Clause 6.4.10.3.** *(Modified in 10th meeting of Academic Council and 13th meeting of BOM).*

6.4.10.3 For the students who have less than 100% but more than 75% total attendance (Lecture, Tutorial & Practical) in a subject if their medical leave is considered for condonation of attendance in that subject then they are eligible for seeking the privilege of upgradation of the cumulative attendance remark. *(Modified in 10th meeting of Academic Council and 13th meeting of BOM).*

6.4.10.4 A student, who has a total attendance (Lecture, Tutorial & Practical) lower than 75% in a subject whatever, may be the reason for the shortfall in attendance, will not be permitted to appear in the University Major Examination in that subject. Such candidates will have to repeat that subject in the next semester/ summer term in coming academic session and she/he shall be awarded 'U' in that subject. *(Modified in 10th meeting of Academic Council and 13th meeting of BOM).*

6.4.11 REGISTRATION AND ENROLMENT

6.4.11.1 The University follows a specialized credit based semester system, therefore registration at the beginning of each semester on the prescribed dates announced in the Academic Calendar, is mandatory for every student till she/he completes her/his programme. If a student does not register in a particular semester, her/his studentship is liable to be cancelled. Without registration, any academic activity (course/seminar/project etc.) undergone by a student will not be counted towards the fulfillment of requirements of her/his degree.

6.4.11.2 Every student admitted shall have his/her unique registration number. The registration number shall have ten digits. First four digits shall indicate year of admission; next two digits shall indicate his/her department/centre of study, next one digit shall indicate his/her level (Undergraduate, Postgraduate and Ph.D.) and last three digits shall indicate his/her serial number/roll number or

as prescribed from time to time. Every student shall be identified by this registration number throughout his/her stay in the University.

6.4.11.3 Registration should be carried out by the student himself/herself on stipulated date, but not later than the first week of each semester as late registration upon payment of prescribed late fees as decided from time to time. In any case, registration must be completed before the prescribed last date for registration, failing which he/she will not be registered in that particular session. Such students will have to register in coming next academic session if it is permissible under **Clause 6.4.3** else his/her studentship is liable to be cancelled except for those availing provision of **Clause 6.4.12**.

6.4.11.4 Students having any kind of outstanding dues to the University or hostel shall be permitted to register only after clearing the outstanding dues.

6.4.11.5 In-absentia registration may be allowed only in rare cases at the discretion of the Vice-Chancellor of the University in case of serious illness/natural calamities/ unavoidable circumstances upon the recommendation of Dean.

6.4.11.6 If a student is unable to submit the dissertation by the end of sixth semester, he/she is required to get registered in every semester till the submission of the dissertation. For every onward registration after two years, he/she has to pay the required fee for which his/her registration is being considered. *(Added new clause in 8th meeting of Academic Council and 13th meeting of BOM)*

6.4.12 TEMPORARY DISCONTINUATION OF COURSE

6.4.12.1 Discontinuation of the course will not be allowed to MCA first year students. However, if a student of other years wishes to temporarily discontinue the course for valid reasons, she/he shall apply through the Head of Department in advance and obtain a written order from the University permitting discontinuance.

6.4.12.2 A candidate after temporary discontinuance may rejoin the course only at the commencement of the semester at which she/he discontinued, provided she/he pays the prescribed fees to the University for the discontinuation period also. The total period of completion of the course reckoned from the commencement of the first semester to which the candidate was admitted shall not in any case exceed five academic years including of the period of discontinuance.

6.4.13 UNFAIR MEANS

Cases of unfair means shall be dealt as per the rules of the University.

6.4.14 GENERAL ELIGIBILITY FOR AWARD OF MCA DEGREE

A student shall be declared to be eligible for award of the MCA degree if he/she has

(a) registered and successfully completed all the required core/elective/audit courses and projects and other requirements of programme as prescribed in this Ordinance or as prescribed by the University from time to time;

(b) successfully acquired the minimum required credits/audits as specified in the curriculum corresponding to the branch of his/her study within the stipulated time as prescribed in this Ordinance or as prescribed by the University from time to time;

(c) earned the specified credits in all the categories of subjects;

(d) has no dues to the University, Hostels, Libraries etc. and

(e) no disciplinary action is pending against him/her.

6.4.15 POWER TO MODIFY

Notwithstanding all that has been stated above, the Academic Council has the right to modify partly or completely the provisions of above ordinances with the approval of Board of Management. Under extreme exceptional circumstances arising out of certain inconsistency in the ordinance or otherwise, the Vice-Chancellor can take suitable decision in deference to the laid down provisions provided standard of evaluation is not compromised and the same shall be reported to ensuing Academic Council/Board of Management with suitable justification. Such actions of Vice-Chancellor shall not be treated as precedence under any circumstances.

6.4.16 CURRICULUM FOR MCA PROGRAMME

The curriculum for MCA Programme of study has been designed with total minimum credits of 135 and total minimum 16 credits of audit courses for those admitted in 1st year of MCA Program.

Freshman Year, Semester-I

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	DC			3	1	2	5
2.	DC			3	1	0	4
3.	DC			3	1	0/2	4/5
4.	M			3	1	0	4
5.	HSSC			2/3	1	0/2	3/5
6.	BAM			3	1	0/2	4/5
7.	Audit						
			Total	**17/18**	**6**	**2/8**	**24/28**

Freshman Year, Semester-II

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	DC			3	1	2	5
2.	BAM			2/3	1	0/2	3/5
3.	DC			3	1	2	5

4.	DC			3	1	0/2	4/5
5.	DC			3	1	0/2	4/5
6.	M			2/3	1	0	3/4
7.	Audit						
			Total	**16/18**	**6**	**4/10**	**24/29**

Sophomore Year, Semester-III

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	DC			3	1	0	4
2.	DC			3	1	2	5
3.	DC			3	1	0/2	4/5
4.	DC			3	1	2	5
5.	DC			3	1	0/2	4/5
6.	DC			0	0	4	2
7.	Audit						
			Total	**15**	**5**	**8/12**	**24/26**

Sophomore Year, Semester-IV

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	DC			3	1	2	5
2.	DC			3	1	2	5
3.	DC			3	1	0	4
4.	DC			3	1	0/2	4/5
5.	PE1			3	1	0/2	4/5
6.	PE2			3	1	0	4
7.	Audit		Seminar	0	0	6	-
			Total	**18**	**6**	**4/8**	**26/28**

Senior Year, Semester-V

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1.	DC			3	1	2	5
2.	DC			3	1	2	5
3.	DC			3	1	0/2	4/5
4.	PE3			3	1	0/2	4/5
5.	PE4			3	1	0	4
6.	Audit		Industrial/Practical Training	0	0	2	-
			Total	**15**	**5**	**4/8**	**22/24**

Senior Year, Semester-VI

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1.	P		Project	0	0	28	14
			Total	**0**	**0**	**28**	**14**

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