

ORDINANCES

Approved in 26th Academic Council Meetings held on Dec 6, 2021 & 34th
Board of Management meeting held on Dec 9, 2021



Master of Computer Application

(2 Yrs PG Programme, w.e.f 2020-21)

for

Students Admitted from Session 2020-2021

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

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

*Approved in 26th Academic Council Meetings held on Dec 6, 2021
& 34th Board of Management meeting held on Dec 9, 2021*

Second Ordinances

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

The Uttar Pradesh Madan Mohan Malaviya University of Technology

SECOND ORDINANCES, 2020

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

1. These Ordinances may be called the Madan Mohan Malaviya University of Technology, Gorakhpur. Second Ordinances, 2020
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 2020-21

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** The candidate should have passed the recognized bachelor's degree of minimum three years duration from any University of India as defined by UGC with mathematics at 10+2 level and obtained minimum 50% marks (45% in case of candidates belonging to SC/ST category) in the qualifying examination.
- 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 two academic years (four 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 three 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 6.4.10**.

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 IV) 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) Program Core (PC)
- (ii) 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.

The students will be required to undertake industrial/practical training in summer vacation after 1st year. The duration for industrial/practical training of project-based type preferably will be of 8weeks/ 60 days duration after second semester. The student will submit a report on the industrial/ practical training 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 has been designed with total minimum credits of 86 and total minimum 12 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
Program Core (PC)	68	Program Electives (PE)	08
Project (P)	10		
Total	78		08
Grand Total	86 (minimum)		
Audit Courses			

Audit Course (AC)	08
Seminar	03
Industrial/Practical Training (IPT)	01
Total	12 (minimum)

Each student must 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 extracurricular 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 & 6.4.10 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

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 roundingoff 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. Distribution of Marks for Project Based Industrial/Practical Training

For evaluation of industrial/practical training, the Head ITCA Department shall get it done by a panel of teachers in Odd Semester of Senior Year in the following format.

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

S. N.	Assessment Basis		Marks
1.	Part A	Technical Quality of the work, Sincerity, Attendance (certificate showing satisfactory performance and their duration of work performed), Discipline	40
2.	Part B	Project Work/Learning in Industry, Relevance, Scope and Dimension of Project, Project Report (Analysis, Methodology performed, Result and Discussion) Viva Voce & Presentation	60

(d) Distribution of Marks for Minor Project

Every student is required to carry out minor project work under the supervision of a faculty member of the department in the semester III. There will End Semester presentation of the project work at the end of the semester.

S. N.	Assessment Basis	Duration	Marks	
1.	Continuous Evaluation	Mid Semester Viva Voce/Presentation	-	25
2.		Preliminary Project Report, Effort and Regularity (awarded by Supervisor)	-	25
3.	End Semester Presentation	1Hour	50	

(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 carry project work in semester IV. A project grade is awarded based on 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)	40% and above
2.	Audit Fail (AF)	Below 40%, 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

- a) Students with F grade in any subject due to detainment in examination (attendance is less than 75% aggregate and less than 75% in the subject) and UFM penalty will be required to register in the subject in Summer Term. 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 ordinances for passing the subject.
- b) Students with F grade in any subject (other than above in a.) will be required to register for carry over examination (Major Examination and /or Minor Test) in the subject. The carry over Major examination can be conducted during the semester and/or with regular examination. The students registered for carry over examination in the failed subject appear in Minor Test for improvement, however it is to be intimated during registration for Carry Over examination.
- c) The grade obtained in the carryover examination will be lowered by one grade in that subject but not below the D-grade, i.e., if a student obtains B grade B+ in the carry over subject the grade will be lowered to B for award. But if a student gets grade C or D only in carryover subject will be awarded D grade.

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 \times 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

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

The CGPA is calculated based on 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 \times 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.

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

An example of these calculations is given ahead.

ODD Semester

Co urse 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

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

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

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

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

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

Semester performance: Tentative SGPA* = 6.695

Cumulative performance: Tentative 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

6.4.8 SUMMER TERM GUIDELINES

Each academic calendar will include odd & even semester along with a summer term (termed as **Summer Term-20XX**) for pursuing courses as per program. For pursuing courses in summer term, it is mandatory to the students to get registered as per the guidelines framed by university. **However, this facility is available to all PG students who had registered in the courses in the regular (odd & even) semesters and could not clear any of the subjects.**

Summer term shall be designed for 45 working days. For the lecture/lab courses, classes will be conducted on all working days as well as Sundays & holidays during summer term. There will be sufficient number of theory, tutorial and laboratory classes in summer term as prescribed in the Course syllabi of ordinance. For example, a subject having L-T-P as 3-1-2, will have at least 6-hrs lecture classes (it can be 1 hrs to 2 hrs) in a week with 4-hours practical classes. The process of evaluation will remain the same as followed in regular semesters, i.e., one mid-term and one major exam. Mid-term exam will be scheduled after 20-days of registration and major exams after 45 working days of semesters. The criteria for attendance will remain same as followed during regular semesters. For certain subjects of study in a Program, where the classes are not held, the process of evaluation will be through an end-term-examination. Students shall have to register during summer term on the advice of the respective Head of Department.

All students are required to register in each summer term for the subjects to be pursued by them as per the program, within a week after results of even semesters are declared. ***The sole responsibility for the registration in time for summer term will be of the student concerned only.*** In view of the short duration of the Summer Term, late registration shall not be permitted.

Registration Procedure: The Dean PGS & RD shall co-ordinate the registration process which will be assisted by the concerned Heads of Departments. The registration procedure shall involve:

- a) Filling of the registration form mentioning the courses to be credited in the summer term
- b) Payment of summer term fees and hostel/examination fees as fixed by the university

The students admitted to summer term shall have to fulfill all the requirements of registration after the results are declared (not later than one week) in consultation with their head of the departments. The students must deposit the registration form along with fees receipt to the office of Dean PGS and RD so that registration work finishes within one week of even semester results declarations.

Cancellation of Registration: Absence for a period of one or more weeks at a stretch in a subject during a summer term will not allow the student to appear in the minor/major exams of that subject.

Grade Calculation:

The grade points secured by the students in the summer term will be used in the computation of his/her CGPA. When a student repeats a course, the new grade will replace the earlier one in the calculation of the CGPA.

Necessary Condition:

- a) A student cannot register for more than three subjects in a particular summer term.
- b) The department will offer any subject only when 5-students have applied for it.

However, this provision may be relaxed by Hon'ble Vice chancellor for final year UG students.

6.4.9 GUIDELINES FOR REVALUATION OF ANSWER COPIES

The university proposes a facility to the student to challenge the evaluation of answer copies of his/her major examination from even semester of 2018-19 session onwards. It will be applicable to all the undergraduate and postgraduate programs conducted by the University. Here, "Revaluation" means Valuation of answer copies to be done by the external examiners.

6.4.9.1 CHALLENGE REVALUATION OF ANSWER SCRIPT FOR UNDERGRADUATE AND POST GRADUATE STUDENTS

- a) Revaluation of answer script will be carried out only for the latest semester whose result has been declared.

- b) All the students of UG & PG appearing for the University major examinations are eligible to apply for Revaluation of answer scripts in all theory subjects.
- c) These regulations will also be applicable for Pre-Ph.D courses of research programs.
- d) All the interested students, who wishes to apply for Challenge Evaluation of Answer Scripts must apply for Challenge Evaluation to COE by paying the requisite fee within 10 working days from the date of declaration of results by University. The requisite fee shall be Rs.5000/- per subject from even semester of 2018-19 session, which can be modified in future by examination committee from time to time. The remuneration to each faculty member involved in challenge evaluation will be Rs.500/- per copy. Remuneration to the faculty may be modified by examination committee from time to time.
- e) A student cannot apply Challenge Evaluation of answer scripts in the subjects other than the theory subjects.
- f) After the last day of application for challenge evaluation, the exam section shall initiate the process of challenge evaluation as per the procedure detailed hereunder:
 1. The COE may finalize a panel of examiner of each subject in which challenge evaluation is to be conducted, in consultation with respective HODs.
 2. The COE shall take approval from hon'ble vice chancellor of two faculty members for each subject.
 3. Each answer script will be revaluated by two faculty members.
 4. After the revaluation of each copy, average of marks given by two evaluators shall be taken into consideration for any comparison purpose.
 5. The student will be informed about the outcome of challenge/re-evaluation of answer copies within two months of receipt of student's request.

6.4.9.2 AWARD OF MARKS AFTER REVALUATION:

- If the difference in original marks from average marks are less than 10% (i.e., less than ± 5 marks for major examination of 50 Max Marks) then marks of student will not be modified and the fee submitted by student will be forfeited (FF). Student's Fee will be forfeited for all cases where average marks is less than the original marks of the student.
- If the difference in original marks from average marks is greater than or equal to 10% (i.e., greater than or equal to ± 5 marks for major examination of 50 Max Marks) then the average marks will be awarded to the student. If average marks are larger by 10% or more, then the fee submitted by student will be returned as per fee refund policy framed by examination committee time to time.

- For current session, it is proposed that the Fee Refund (FR) should be done after deducting the remuneration paid to first and second valuator. Hence FR shall be Rs. 4,000/- for current session.

Cases	Original Evaluated marks (A) (out of 50)	After revaluation		Average Marks of 1 st and 2 nd valuator (B)	Difference Between A & B	Final Marks awarded after challenge	Fee status
		First Valuator	Second Valuator				
Case-1	15	20	18	19	$(19-15) < 5$	15	FF
Case-2	15	20	22	21	$(21-15) > 5$	21	FR
Case-3	15	14	08	11	$(15-11) < 5$	15	FF
Case-4	15	12	08	10	$(15-10) \leq 5$	10	FF

- In the above table, only in one case, fee of student shall be returned. It can be seen that the student fee status (FR-status) is shown for case-2 where marks awarded to the student is more than his/her original marks by 10% or more. For rest of the cases, where student's average marks are either less than the original marks or variation (A-B) is less than 10%, fee of student has been forfeited.

NOTE: THE CHALLENGE EVALUATION MUST BE APPLIED WITH CAUTION AS THE MARKS OBTAINED AFTER THE CHALLENGE EVALUATION SHALL BE FINAL IRRESPECTIVE OF WHETHER THOSE MARKS ARE MORE OR LESS THAN THE ORIGINAL MARKS

6.4.9.3 ELIGIBILITY OF TEACHERS FOR REVALUATION:

The faculty members who will be evaluating the answer copies during revaluation must possess at least five years of teaching experience and must be regular faculty of reputed institute/university (preferably IIT/NIT/IIIT or State/Central university or Govt. Engg. College).

6.4.10 ACADEMIC CRITERIA FOR CONTINUATION

6.4.10.1 A minimum 5.0 CGPA is required to qualify for continuation of registration at any stage and award of the degree at the end of 4th semester.

6.4.10.2 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 16 credits in an academic session in odd and even semester of an academic session for promotion to 2nd year failing which they must re-register & repeat complete 1st Year.

b) **For MCA 2nd Year students**

They must earn minimum 32 credits in the first year and minimum 16 credits in an academic session including odd and even semester of 2nd Year for

promotion to 3rd year failing which they must re- register & repeat complete 2nd Year.

6.4.10.3 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 must repeat the subject completely and continue as per **Clause 6.4.10.2**.

6.4.10.4 Student can challenge evaluation of answer copies as per the **Clause 6.4.9**.

6.4.11 AWARD OF DIVISION, RANK AND MEDALS

6.4.11.1 A student who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the four semesters within a maximum period of three 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 6.4.10.1**. Award of the Division in the degree shall be governed by the provisions given below.

- (a) A student 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 four consecutive semesters (two academic years) as applicable, and in addition secures a CGPA of 7.5 and above for the semesters I to IV shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS**.
- (b) A student 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 four 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 three year after his/her commencement of study in the 1st semester shall be declared to have passed the examination in **SECOND DIVISION**.

6.4.11.2 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 2-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 based on CGPA in particular academic session.

6.4.11.3 **Vice-Chancellor Gold Medal** will be awarded to the passing out students from MCA identified as prescribed in **Clause 6.4.11.2**, who secures the highest CGPA at the end of IV semester in first attempt, i.e., 1st Rank holder for MCA programme

6.4.12 ATTENDANCE

6.4.12.1 Every faculty member handling a course will record attendance from the scheduled date of commencement of classes up to 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 at 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

6.4.12.2A 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 cannot be more than 25% of the total classes held in a subject which needs to be got condoned as prescribed in **Clause 6.4.12.3**.

6.4.12.3 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.

6.4.12.4 A student, who has a cumulative attendance lower than 75% in the semester, whatever, may be the reason for the shortfall in attendance, may be permitted to appear in the University Major Examinations in those subjects in which total attendance (Lecture, Tutorial & Practical) is equal to or more than 75%. Such students have to repeat only those subjects in the next semester/ summer term in coming academic session in which total attendance is less than 75%, and she/he shall be awarded 'U' in that subject.

6.4.13 REGISTRATION AND ENROLMENT

- 6.4.13.1** 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.
- 6.4.13.2** 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.
- 6.4.13.3** 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 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 6.4.14**.
- 6.4.13.4** Students having any kind of outstanding dues to the University or hostel shall be permitted to register only after clearing the outstanding dues subject to provision of **Clause 6.4.13.3**.
- 6.4.13.5** 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.
- 6.4.13.6** If a student is unable to submit the dissertation by the end of fourth semester, he/she is required to get registered in every semester till the submission of the dissertation subject to provisions of **clause 6.4.3**. For every onward registration after two years, he/she has to pay the required fee for which his/her registration is being considered.

6.4.14 TEMPORARY DISCONTINUATION OF COURSE

6.4.14.1 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.

6.4.14.2 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 **three** academic years including of the period of discontinuance.

6.4.15 UNFAIR MEANS

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

6.4.16 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.

6.4.17 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.

6.4.18 CURRICULUM FOR MCA PROGRAMME

The curriculum for MCA Programme of study has been designed with total minimum credits of 86 and total minimum 12 credits of audit courses for those admitted in 1st year of MCA Program.

Junior Year, Semester-I

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	PC			3	1	2	5
2.	PC			3	1	2	5
3.	PC			3	1	0/2	4/5
4.	PC			3	1	0/2	4/5
5.	PC			0/2	1	2	2/4
6.	Audit			-	-	-	-
Total				12/14	5	6/10	20/24

Junior Year, Semester-II

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	PC			3	1	2	5
2.	PC			3	1	2	5
3.	PC			3	1	2	5
4.	PC			3	1	0/2	4/5
5.	PC			0/2	1	2	2/4
6.	Audit						
Total				12/14	5	8/10	21/24

Senior Year, Semester-III

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	PC			3	1	2	5
2.	PC			3	1	2	5
3.	PC			3	1	2	5
4.	PC			3	1	0/2	4/5
5.	PEI		Elective-I	3	0/1	0/2	3/5
6.	PC		Mini Project	0	0	4	2
7.	Audit		Industrial/Practical Training	0	0	2	-
Total				15	4/5	12/16	24/27

Senior Year, Semester-IV

S.N.	Category	Paper Code	Subject Name	L	T	P	Credit
1.	PC			3	1	2	5
2.	PE2		Elective-II	3	0/1	0/2	3/5
3.	P		Project	0	0	20	10
4.	Audit		Seminar	0	0	6	-
			Total	6	1/2	22/24	18/20
