

Established under M.P.Act .17 of 2001

ORDINANCE NO.65

Master of Computer Application (MCA)

1. PROGRAMME & FACULTY

1.1 This ordinance shall be applicable to the three years (Six Semesters) post graduate programme like master of Computer Application (MCA) Course.

1.2 The course shall be run on semester system. The program will be offered by faculty of Engineering & Technology after the recommendation of Board of Studies and approval by academic Council.

1.3 The ordinance shall be applicable to all the University Teaching Department /Institutes /School of this University.

2. Duration

2.1 The duration for these courses of study shall be of Three Years (Six Semesters).

2.2 A candidate has to complete the entire course of Post graduate Degree within a maximum period of six years from the session of first admission.

3. INTAKE & FEES

3.1 The intake for each of these programs shall be decided by the Board of Management of the University from time to time subject to the approval to the regulatory body, if any.

3.2 Fees of these programs will be decided by the Board of management subject to the approval of regulatory body, if any .

4. ACADEMIC YEAR

4.1 There will one academic cycle year starting from July to June.

5. ELIGIBILITY

5.1 For admission in MCA 1st semester programme a candidate should have a Bachelor's Degree of minimum 3 years duration of a recognized University in Physics, Chemistry and Mathematics (PCM).

5.2 For admission in MCA 3rd semester (Lateral entry) a candidate should have passed 12th (PCM) with BCG

6. ADMISSION PROCEDURE

Admission under these courses will be made as follows:

6.1 The University will issue admission notifications in News papers, on the University's website, Notice Board of University and in other publicity media before the start of every cycle.

6.2 List of candidates provisionally selected for admission / short listed based on merit will be displayed on the notice board of the University/ University's website or the students will be informed directly of their admission after the last date of application.

6.3 The candidates whose results of the qualifying exam are awaited can also apply who will be admitted provisionally. Such candidates, however, must produce the previous year mark sheet / School /College certificates, as a proof for required eligibility criteria before the due date failing which, the provisional admission cannot be granted. The candidate so admitted shall have to be present mark sheet of the qualifying examination within a month of the due date of admission, failing which the provisional admission shall be cancelled.

6.4 If a candidate admitted provisionally under the clause (6.3) above could not obtain the marks to fulfill the requirements & eligibility criteria of the admission the provisional admission granted to him will be cancelled.

6.5 The application form may be rejected due to any of the following reasons:

6.5.1 The candidate does not fulfill the eligibility conditions.

6.1.2 The prescribed fees are not enclosed.

6.1.3 The application form is not signed by the candidate and his/her parent guardian, wherever required.

6.1.4 Supporting documents for admission are not enclosed.

6.2 Enrollment / Registration Number will be assigned to the student by the University after verification & submission of all the necessary documents / fees.

6.3 Admission rules as framed by the University shall be applicable for all admissions from time to time.

COURSE STRUCTURE

The undergraduate course in the first semester shall consist of:

- 7.1.1** Such Courses (Papers) as prescribed by the University.
- 7.1.2** Such job internship, Lab Work, Practical, in plant Training, Projects, etc. as may be prescribed by the University.
- 7.1.3** Such scheme of examination as prescribed by the University from time to time.
- 7.2** The MCA course is six semester duration consisting of five semester classroom study/ practical and one semester project Work. The sixth semester is for project work during this semester the candidate shall devote himself /herself for the research work, in connection with any of the aspects of computer application relevant to the course selected, and assigned to him by the Head of the Department concerned in the respective college. Prior to submission of dissertation, candidate shall present a pre submission seminar on his/ her work. At the end of the semester the candidate shall submit three typed or printed copies of the dissertation written by him/ her to the university through the Director / Principal of the college. The dissertation should be accompanied by the Certificate from the Head of the Department and the projects supervisor to the effect that it embodies actual work of the candidate and that the work has not been submitted earlier in part or full for the award of any other degree.
- 8. MEDIUM OF INSTRUCTIONS AND EXAMINATIONS**
- 8.1** The medium of instruction can be Hindi or English. However, the term end examination will be in English only.
- 9. EXAMINATION SCHEME**
- 9.1** No candidate shall be allowed to take the term end Semester examination unless one has:
- 9.1.1** Attended at least 75% of Lectures/ Practical delivered.
- 9.1.2** Paid all the fees due.
- 9.1.3** Obtained 'No Dues' certificate from the concerned Department / College.
- 9.1.4** Submitted the job Internship Certificate / Project Report, as notified by the University.
- 9.1.5** Received in Plant/ Practical training as prescribed by the University.

Clause (9.1) above shall not be applicable to the Private/ Ex. University.

Each student shall have to appear in the examination of Theory / Practical and Continuous Comprehensive Examination system (CCE)/ Internal Assessment. The internal assessment will be held in the manner prescribed from time to time by the University.

9.2.1 50% marks of each paper will be earmarked for internal assessment (For each year, there will be at least two midterm examinations.

9.2.2 Main examination will carry 50% marks.

9.2.3 For passing the examination the candidate that be required to secure at least 'D' grade in University examination separately in the term- end theory, parietal and internal assessment in each of the prescribed paper in the subject and practical are also to be cleared separately.

9.2.4 There will be an external examiner to evaluate, the project report. The minimum passing marks for project work will be 'B' Grade.

Promotion to Next Semester & Failed Candidate

10.1 There shall be supplementary or second examination in between the semester exam.

10.2 A candidate may provisionally continue his/ her studies in higher semester class after the examination of the semester he/she appeared are over. However, his/her eligibility shall be evaluated only after the results of semester are declared at which he /she had appeared.

10.3 If a candidate fails in not more than one paper in any one semester examination, he/she will be allowed to keep the term (ATKT) and promoted to the next semester. Candidate shall be eligible to carry the backlog of one paper of each semester examination but in no case candidate shall be permitted to carry backlog of more than two papers at a time.

10.4 provided further, that if a candidate fails in more than one paper in any semester examination, he/she may be allowed to appear as an ex student in the next examination of the same semester.

10.5 provided further, that if a candidate fails in some papers of earlier semester and clears the final semester, his result will be withheld. A candidate will be awarded degree only in the year when he/she clears the papers of earlier semesters. In such situation. Mark sheet for each semester will be issued in the sixth semester once the candidate clears all the papers.

11. AWARD OF CREDITS AND GRADES

Once hour of conduct in Lecturer (L) Tutorial (T) & two hours of Practical (P) per week shall be equal to one credit as allotted in the respective schemes.

11.1 A Student shall be continuously evaluated for his/her academic performance in a subject through tutorial work, practical, home assignment, mid-semester tests, field work, seminars, quizzes, end – semester examination and regularity, as proposed by respective board of studies and approved by Academic Council.

11.2 For the award of degree minimum Cumulative Grade Point Average (CGPA) required is 5.0 and promotion to higher semester.

11.2.1 To pass a particular subject of the course the minimum required Grade is D. However, the candidate should also separately score minimum of the subject. For practical examination one external examiner from outside the institute shall always be there.

11.2.2 If a candidate has passed all the subject of an applicable year but has failed to score a minimum CGPA of 5.0 as per requirement, such a candidate shall be permitted to improve requisite grade point by reappearing in maximum of three Theory/ Practical Subjects, in the ensuing examination (Theory and Practical of a subject be treated as separate subjects.)

11.2.3 Other than the provision of clause (11.2.2) above, a candidate shall not be permitted to reappear in that examination, for improvements of Division / Grade or for any other purpose:

11.3 Practical Training and Project Work shall be treated as practical subjects.

11.3.1 In each semester, there will be normally three mid semester tests. Only in emergent cases number of tests could be reduced to two with approval of the Vice- Chancellor.

11.3.2 The grades to a student shall depend upon his continuous evaluation through performance in various examinations, assignments, quizzes, laboratory work, class, work, mid semester exam and regularity.

11.3.3 The grades to be used and their numerical equivalents are as under:

Credit Based Grading System

Grade	% Marks range (based on absolute marks system)	Credit Point	Description of performance
A+	91-100	10	Outstanding
A	81-90	9	Excellent
B+	71-80	8	Very Good
B	61-70	7	Good
C+	51-60	6	Average
C	41-50	5	Satisfactory
D	31-40	4	Marginal
F	30 & below	0	Fail
I		0	Incomplete.
W		0	Withdrawal

11.3.3 The semester Grade Points Average (SGPA) and Cumulative Grade Pont Average (CGPA) Shall be calculated as under:

$$SGPA = \frac{\sum_{i=1}^n C_i P_i}{\sum_{i=1}^n C_i}$$

Where C_i is the number of credits offered in the i^{th} subject of a semester for which SGPA is to be calculated, P_i is the corresponding grade point earned in the i^{th} subject, where $i = 1, 2, \dots, n$, are the number of subjects in that semester.

$$CGPA = \frac{\sum_{i=1}^n SG_i NC_i}{\sum_{i=1}^n NC_i}$$

Where NC_j is the number of total credits offered in the j th semester, SG_j is the SGPA earned in the j th semester, where $j = 1, 2, \dots, M$, are the number of semesters in that course.

- 11.4 the grade sheet at the end of each even semester examination for students shall also show CGPA till end of that semester. The final examination grade sheet at the end of final semester examination of the course shall also indicate CGPA.

12. CONDONATION OF DEFICIENCY

12.1 Deficiency up to five marks can be condoned of the best of the advantage of the student for passing the examinations. The deficiency can be condoned in not more than two subjects (Theory and Practical) of the same subject shall be considered as two separate subjects. For the purpose of awarding grace marks) in a each semester.

13. AWARD OF DIVISION

13.1 Division shall be awarded only after the six and final semester examination based on integrated performance of the candidate for all the three years as per following details:

CGPA Score	Divisions
$7.5 \leq CGPA$	First Division With honours
$7.5 > CGPA < 7.5$	First Division
$7.5 > CGPA < 6.5$	II nd division
$CGPA < 5.0$	Fail

13.2 the conversion from grade to an equivalent percentage in a given academic program shall be according to the following formula applicable.

Percentage marks scored = $\frac{CGPA \text{ Obtained} \times 100}{10}$

14. MERIT LISTS

14.1 Merit list of first 10 candidates in the order of merit shall be declared at the end of each semester in each branch from amongst the candidates who the candidates who have passed in one attempt.

14.2 Branch wise final merit list shall be declared by the University only after the main examination of the fourth and final semester for each degree on the basis of the integrated performance of all the two years. The merit list shall include the first ten candidates securing at least first Division and passing all semesters in single attempt.

15. EXAMINATION CENTERS

15.1 University examination centers will be notified by the university.

16. GENERAL

16.1 In matters of admission, attendance, examinations and in all other matters not provided in this ordinance, the courses shall be governed by the provisions of the relevant ordinances of the same in the university so far as they are not inconsistent with the provisions of this ordinance.

16.2 In case of any dispute/ambiguity, the ruling of the Vice-Chancellor shall be final. However, on the recommendations of the Academic Council the Vice-Chancellor the Vice-Chancellor shall be competent to change the system/pattern of the examination.

16.3 In case of any dispute, the matter shall be decided under the jurisdiction of District Court, Bhopal.

16.4 The Provisions of this ordinance shall change as per the directive of regulatory authority.

