

RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA BHOPAL

Established under act No. 13 of 1988

Ordinance No. 10 (A)

(Under Section 40 (1))

**Ordinance for M.C.A. 3 Year Full Time Post Graduate Course
(For the Candidates admitted in 1st year on and after July, 2010)
(Under Credit Based Grading System applicable from July, 2010)
(Approved on 30th March, 2013)**

1.0 This ordinance shall be applicable to candidates admitted in First Year on and after 1st July 2010 in Master of Computer Applications abbreviated as M.C.A.

1.1 The studies and examinations of the M.C.A. course shall be on the basis of Marks- Cum - credit system but semester wise and final evaluation shall be by grading system in accordance with the ordinance No. 30, "Credit Based Grading System" hereinafter referred as Ord. 30.

2.0 ADMISSIONS

2.1 A candidate seeking admission to M.C.A. course should be graduate of any Indian University or Institute recognized by the University Grants Commission, New Delhi, as equivalent thereto. The graduation should be with three year of regular study after passing Senior Secondary Examination (10 + 2) or its equivalent of an approved Board with mathematics as a compulsory subject at either (10+2) or Graduation.

2.2 Non-Resident Indian (N R I) candidates shall also be eligible for admission to M.C.A. in accordance with directives of the Government of Madhya Pradesh, Bhopal provided they satisfy the criterion of clause 2.1 above.

2.3 The admissions to M.C.A. course shall be governed by the rules of the Technical Education and Skill Development department, Government of Madhya Pradesh, Bhopal and/ or any other competent authority authorised by the of the State Government of Madhya Pradesh for this purpose.

3.0 EXAMINATIONS

3.1 The Post Graduate course in M.C.A. leading to the Degree of Master of Computer Applications of the university shall be divided into six semesters. Each semester would be approximately of six months duration including vacation/preparatory leave/examination/industrial training etc.

3.2 There shall be University Examination at the end of each semester. These examinations shall be named as follows:

- | | | |
|------------|------------------|---------------|
| (a) M.C.A. | First Year | |
| | -First semester | -I semester |
| | -Second semester | -II semester |
| (b) M.C.A. | Second Year | |
| | -Third Semester | -III semester |
| | -Fourth semester | -IV semester |
| (c) M.C.A. | Third Year | |
| | - Fifth semester | -V semester |
| | - Sixth semester | -VI semester |

3.3 The semester examination will generally be held in Nov-Dec. and April-May in each year.

3.4 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 project supervisor to the effect that it embodies actual work by the candidate and that the work has not been submitted earlier in part or full for the award of any other degree.

3.5 The candidate shall be permitted to appear at the semester examination provided he/she has successfully prosecuted a course of study in the UTD or in an affiliated college for that semester in the concerned course, with stipulated attendance as mentioned in para 11.0 of this ordinance.

3.6 A candidate who has failed in any subject of a semester shall be permitted to reappear in that subject in subsequent examination, subject to conditions given at para 9.0 of this ordinance.

4.0 PROMOTION TO HIGHER SEMESTER AND YEAR

A candidate who has been admitted in the Master of Computer Application (M.C.A.) course will be promoted to the higher class in accordance with the following rules:

- 4.1** For the award of degree minimum Cumulative Grade Point Average (CGPA) required is 5.0.
- 4.2** To pass a particular subject of the course the minimum required grade is D. However, the candidate should also separately score minimum of grade D in end semester examinations of theory and practical parts of the subject. For practical examinations one external examiner from out side the institute shall always be there.
- 4.3** A candidate who fails to score minimum of grade D in more than two subjects (Theory and Practical of the same subject shall be treated as two subjects) in a particular year, shall not be admitted to the next higher year.

****Further a candidate shall not be admitted in the 5th semester classes unless he or she fully passed he first year examination with minimum of CGPA 5.0***

- 4.4** The result of sixth and final semester shall be declared only if the candidates has fully cleared all the previous semesters.
- 4.5** If a candidate has passed all the subjects of the course but has failed to score a minimum CGPA of 5.0 as per the requirement of rule 4.1 above, such a candidate shall be permitted to improve requisite grade point by reappearing in maximum of two theory /practical, subjects chosen from subjects of first to fifth semesters. Theory and practical of a subject shall be treated as separate subjects.
- 4.6** Other than the provision of rule 4.5 above a candidate shall not be permitted to reappear, in the papers which he/she has cleared, for improvement of division/marks or for any other purpose.
- 4.7** A candidate may provisionally continue to attend next higher year, even if, the result of qualifying year / semester has not been declared. However, subsequently if he/she is not able to clear qualifying semester examination, the candidate cannot claim any right on the basis of his/her provisional admission.

(* Approval accorded on single file system on dated 30/03/2013 by Hon'ble Chancellor.)

5.0 AWARD OF CREDITS AND GRADES

- 5.1** The weightage in terms of units and equivalent credits, shall be recommended by the Board of Studies and shall be approved by the Standing Committee of Academic Council and the Executive Council.
- 5.2** A student shall be continuously evaluated for his / her academic performance in a subject through tutorial work, practicals, home assignments, mid-semester tests, field work, seminars, quizzes, end-semester examinations etc., as proposed by Board of Studies and approved by Standing Committee of Academic Council and Executive Council of the University.
- 5.3** The distribution of weightage /marks for each component shall be decided by the respective of Board of Studies and approved by standing committee of Academic Council and Executive Council of the University subject to such stipulation as given under:-

(a) Theory Block

| | |
|---|------|
| i. Quizzes, assignments and regularity .- | 10% |
| ii. Mid – semester tests - | 20% |
| iii. End – semester examination- | 70% |
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| Total | 100% |
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(b) Practical Block

| | |
|--|------|
| i. Lab work and performance, quizzes, assignments and regularity - | 40% |
| ii. End – semester examination- | 60% |
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| Total | 100% |
| <hr/> | |

- 5.4** Practical training, and project work shall be treated as practical subjects.
- 5.5** In each semester, there shall be at least two mid semester tests (Internal, for theory block) and one end – semester Examination (External).

5.6 Each student, registered for a course, shall be awarded grade by the concerned faculty / faculties for the specific subject/paper. The grades awarded to a student shall depend upon his continuous evaluation through performance in various examinations, assignments, laboratory work, class work, mid semester test etc. The grades to be used and their numerical equivalents are as under :

Credit Based Grading System

| Grade | %Marks range(based on absolute marks system) | Grade 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 | 40 only | 4 | Marginal (for PG Course) |
| F | Below 40 | 0 | Fail. |
| I | | 0 | Incomplete. |
| W | | 0 | Withdrawal |

5.7 The Semester Grade Points Average (SGPA) and Cumulative Grade Point 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.

$$CGPA = \frac{\sum_{j=1}^m SG_j NC_j}{\sum_{j=1}^m NC_j}$$

here 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.

5.8 The grade sheet at the end of each even semester examination shall show CGPA till the end of that semester. The final examination grade sheet at the end of final semester examination of the course shall also indicate CGPA, equivalent percentage marks and the division awarded, according to the rule as given in para 7.0 of this ordinance .

6.0 CONDONATION OF DEFICIENCY IN MARKS

6.1 One grace mark will be given to the candidate who is either failing in any semester or missing distinction/ first division by one mark, on behalf of the Vice-Chancellor in the M.C.A. examination.

7.0 AWARD OF DIVISION

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

| CGPA Score | Divisions |
|------------------------------|-----------------------------|
| $7.5 \leq \text{CGPA}$ | First Division With Honours |
| $6.5 \leq \text{CGPA} < 7.5$ | First Division |
| $5.0 \leq \text{CGPA} < 6.5$ | II Division |

7.2 The conversion from grade to an equivalent percentage in a given academic program shall be according to the following formula applicable:

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

8.0 READMISSION

8.1 A candidate who has discontinued the course during any semester may, on the recommendation of the Director/Principal of the college, be permitted to take re-admission to the course at the beginning of the semester concerned in a subsequent year, provided that the duration of course for such readmitted candidate shall be counted from the date of his/her first admission.

9.0 DURATION OF COURSE

9.1 There shall be at least fourteen weeks of teaching in every semester.

9.2 One hour of conduct in Lecture (L) / Tutorial (T) / Practical (P) per week shall be equal to one credit as allotted in the respective schemes.

9.3 The maximum duration of the course shall be Five years. However, for one mercy attempt the para 24.1.4 of the Ordinance No.12: “Examination General” shall be applicable.

10.0 MERIT LISTS

10.1 Merit list of first 10 candidates in the order of merit shall be declared by the University at the end of sixth semester on the basis of the integrated performance of all the semesters, securing at least first division and passing all semester examinations in single attempt.

11.0 ATTENDANCE

11.1 Candidate appearing as regular student for any semester examination shall be required to attend at least 75 percent of the lectures delivered and of the practical classes held separately in each paper, provided that a short fall in attendance up to 10% and a further 5% can be condoned by the Director/ Principal of the college and Vice-Chancellor of the Rajiv Gandhi Proudhyogiki Vishwavidyalaya respectively for satisfactory reasons.

12.0 MEDIUM OF INSTRUCTION AND EXAMINATION

12.1 The medium of instruction and examination shall be English throughout the course of study.

REGISTRAR
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA
BHOPAL