

MASTER OF COMPUTER APPLICATIONS (MCA)

Full-Time Regular Course

(Self-Finance Scheme)

Regulations and Draft Ordinance for Admission to Master of Computer Applications (MCA)

Programme under T.M.Bhagalpur University, Bhagalpur-7

REGULATION

1. Duration of Course

The duration of course (MCA programme) shall be of three academic years, consisting of six semesters. Each semester will be of six months.

2. Course Curriculum

The duration of the course shall be of three academic years. Each academic year shall be divided into two semesters. Altogether there shall be six semesters in three academic year. A candidate for MCA Examination shall be examined in the following papers

Course Plan

Semester - I

Paper Code	Subject	Lectures Per Week	Scheme of Exam Maximum Marks		
			Written Exams.	Sessional	Total
S-1.1	Information Technology	3	80	20	100
S-1.2	Programming & Data Structures with C	3	80	20	100
S-1.3	Fundamentals Of Management	3	80	20	100
S-1.4	Information Systems	3	80	20	100
S-1.5	IT & Programming Lab (MS-Word, Excel, Power Point & C)	6			100

Semester - II

S-2.1	Object Oriented Programming With C++	3	80	20	100
S-2.2	Operating System	3	80	20	100
S-2.3	Discrete Mathematics	3	80	20	100
S-2.4	Principles of Accounting	3	80	20	100
S-2.5	UNIX & C++ Lab	6			100

Semester - III

S-3.1	Database Management Systems	3	80	20	100
S-3.2	Computer Communication Networks	3	80	20	100
S-3.3	IT Elective	3	80	20	100
S-3.4	Environment Management	3	80	20	100
S-3.5	Oracle & Elective Lab	6			100

Semester - IV

S-4.1	Visual Programming with Visual Basic	3	80	20	100
S-4.2	Software Engineering	3	80	20	100
S-4.3	Optimization Techniques	3	80	20	100
S-4.4	IT Elective - II	3	80	20	100
S-4.5	Visual Basic, MS-Project/Designer 2000/ MS-Access Lab	6			100

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Semester - V

Internet & Web Designing	3	80	20	100
Computer System Architecture	3	80	20	100
IT Elective- III	3	80	20	100
BI1 Elective- I	3	80	20	100
Organizational Behaviour	3	80	20	100
Internet & Web Designing, Elective Lab	6			100

Semester - VI

1 Seminar				100
2 Project				100

Registration

Every student who is not already registered with T.M.B University, will have to get himself registered on payment of the requisite fees. The students who are not registered under T M B University shall not appear at the examination.

7. Attendance Policy

Regular attendance in all classes, seminars, symposia, discussion, field trips etc. are essential, otherwise the candidate shall not be permitted to sit for the examination of that year. Hence, students will be required to attend not less than 75% of the aggregate of classes in order to be eligible to appear in the examination.

8. Medium of Instruction and Examination

The medium of instruction and examination for the course shall be English.

9. Examination

- i) To be admitted to the examination for the Degree of Master of Computer Applications, a candidate must have:
 - (a) Completed the courses of study in this University prescribed for Master of Computer Applications examination.
 - (b) Registered with the university as a student.
- ii) Each of these papers shall carry 100 marks. The distribution of marks shall be:
 - (a) Written examination carrying 80 marks; and
 - (b) Internal evaluation carrying 20 marks.
- iii) The examination in each of the theory papers (written examination) shall be of Three hours duration.
- iv) The students are required to appear at the university examination at the end of each semester from the date notified by the university.
- v) They have to appear at the assessment examination in each semester carrying 20 marks in each subject. Assessment marks are awarded on the basis of class performance, attendance, seminar performance and over all behaviours.
- vi) The students have to submit a project report of 100 marks before filling examination forms at the end of VIth Semester. The project works shall be supervised by the teachers of the department. The works based on field

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- (a) A candidate who passes MCA Examination obtaining 75 per cent or more marks in any subject in all the six parts of the examination taken together, shall be declared to have passed with distinction in the subject.
- (b) Candidate who obtained 60 per cent marks in aggregate or more than shall be placed in First Class.
- (c) Candidate who obtains 45 per cent or more but less than 60 per cent marks in aggregate shall be placed in the Second Class.

12. Moderation of Results

Notwithstanding anything contained in the Regulation concerning moderation of examination results

- i) The candidate for the MCA Semester VI examination fail to secure first or second class by not more than 5 marks in the subject shall be awarded the marks require to enable him to secure first or second class as the case may be, and his result shall be declared accordingly.
- ii) If a candidate for the MCA Semester VI examination pass in aggregate but fails to pass in any one subjects by not more than 5 per cent marks or in any two subjects by not more than 3 per cent marks in each subject, he/she shall be awarded the marks required to enable him/her result shall be declared accordingly.
- iii) The provision for moderation of results shall not be applicable in case of MCA Semester I, II, III, IV and V examinations.

13. Publication of Results

- (a) The list of successful candidates of the MCA final examination shall be published in order of merit.
- (b) If a candidate has obtained distinction in any Subject, it shall be mentioned against his name.

14. Carry - Over papers

- i) An examinee who does not appear at any semester due to personal reasons or does not clear any paper(s) in any semester due to some unavoidable reason(s) or fails in any such paper(s) will be allowed to appear in subsequent examination(s) in such paper(s) as a carry over examinee as per examination rules and meanwhile he/she will be allowed to join the next semester. However an examinee must clear all papers in each semester before the final examination.
- ii) An examinee can normally avail himself / herself of three chances to clear any paper/ semester and thereafter more chances only by the special permission of the Vice-Chancellor, but in no case beyond the expiry of two years of the final semester examination of the examinee's original batch.
- iii) An examinee who qualifies in all papers (minimum required marks 40%) but fails to obtain required aggregate (45% of marks) in any semester shall have to improve the percentage of marks by re-appearing at any one or more paper(s) of the concerned semester in the next two subsequent semesters.

15. Award of Degree

Those who complete the three year M.C.A programme successfully shall be awarded appropriate degree by T.M.U. University in prescribed form specifying the Class/Division in which he/she was passed.

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