

MASTER OF COMPUTER APPLICATIONS (MCA)

Full-Time Regular Course

(Self-Finance Scheme)

Regulations and Ordinance for Admission to Master of Computer Applications (MCA) Programme under Magadh University, Bodh-Gaya.

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	Written Exams	Scheme of Exam		Total
				Maximum Marks	Sessional	
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		20		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		20		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		20		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		20		100

राज्यपाल के विशेष कार्य पदाधिकारी

Magadh University : MCA Regular - Regulation

155
and site visits are to be undertaken by students as per decision of the departmental council.

- viii) They have also to appear at the viva-voce examination of 100 marks after submission of the project and written examination of VIth Semester. The viva-voce shall be conducted by the external examiners appointed by the University.
- viii) The medium of instructions and examinations for the course shall be English only.
- ix) (a) A Candidate having completed the course to appear at the examinations internal assessment/project viva examination separately.
- (b) A candidate having completed the course to appear at the examination or fails to pass the examination or does not clear any paper shall be allowed to appear at the subsequent examinations in only that/those part/s and which he/she has failed or absented himself/herself on the payment of prescribed examination fee without being required to go through the course again. However, This opportunity shall be given in only two more examinations within a period not exceeding two years excluding the main examination held at the end of session.
- (c) There shall be provision of carry over the semester examination. The result of the final semester examination shall not be published till he/she appears and passes in the paper or has not completed for some reasons.

10. Evaluation

- i) Each subject of the curriculum (theory/ practical/ seminar/ industry/ lecture/project) has got an independent entity and will be evaluated separately. The candidates will have to obtain minimum required level (40%) in each and every entity of the curriculum independently and 45% marks in aggregate.
- ii) Each student will have to opt for a full time project work compulsorily of approximately 5 months preferably in Industrial/Business/Recognized Organization and submit the report in triplicate.
- iii) The directives of the Magadh University in the matter of holding Post-Graduate examinations will be strictly adhered to.

11. Conduct of Examination

- i) The examination shall be conducted by the Magadh University which shall also finalise the date of examination, centre of examination and necessary fee for its conduct.
- ii) In order to pass Master of Computer Applications examination, a candidate shall have to obtain not less than 45 per cent in aggregate otherwise, candidates shall be deemed to have failed.
- iii) In order to pass MCA final examination a candidate must have passed MCA Semester I, II, III, IV, V and VI examination separately.
- iv) The name of successful candidates shall be arranged in order of merit as follows:

राज्यपाल के विशेष कार्य पदाधिकारी

बिराट

Magadh University : MCA Regular - Regulation

ORDINANCE FOR ADMISSION

1. Admission and Selection Procedure

The University shall hold Entrance Test for selection of the candidates. The Test shall be conducted in accordance with certain procedures that will match an all India specifications:

- i. Application forms for Entrance Test shall be obtained at the office counter by depositing Rs. 500/- only through Demand Draft or may be obtained by sending a self-stamped registered envelope along with DD of Rs. 500/-.
- ii. Applications received shall be processed according to the requisite qualifications and conditions.
- iii. Entrance Test will be held on an all India basis.
- iv. Selected candidates will be called for Interview before the final selection is made and the final selection for admission shall be made strictly on the basis of Entrance Test and interview.
- v. The University reserves the right to take any decision in all matters of admission.
- vi. No candidate shall be permitted to be registered as a student in more than one Master's Course of Magadh University, simultaneous.

2. Reservation

Reservation of seats for admission shall be in accordance with the State Government's rules/Magadh University rules. In no case, the percentage of reservation fixed by the State Govt. will exceed.

3. Eligibility for Admission

- i) Passed the Bachelor degree in Computer Science/Applications, C.I.C. from a recognized/ deemed University, or any Honours Graduate having background of mathematics atleast at +2 level, B.E., B.Tech., M.B.A. or any examination recognised by the Academic Council as equivalent thereto.
- ii) BCA degree holder will be allowed lateral entry into the 3rd Semester Courses of MCA. However final selection may be made after interview as well as group discussion.
- iii) No student shall be admitted who, the opinion of the Vice-Chancellor, Magadh University, should not be admitted in the best interest of the University.
- iv) No applicant shall be admitted who, has not applied for the admission within notified time or who on being selected for admission, does not get himself admitted within specified time, except where the delay has been condoned by the Vice-Chancellor.

4. Intake - 60 (Sixty) - Copy of AICTE letter enclosed.

5. Fee Structure

Semester wise fees to be paid by the candidate shall be as follows. The course will run on self-finance basis. Fee may be revised by the University, if necessary.

[Handwritten signature]
21/5/75