GOVERNOR'S SECRETARIAT, BIHAR
RAJ BHAVAN, PATNA-800022

Letter No. MU(Regulations)-21/2014-GS(I), Dated-

From,
N.K. Singh
Under Secretary

To,
The Vice Chancellor
Magadh University,
Bodh Gaya.

Sub:- Regarding approval of Admission Ordinance and Regulations of Master of Science in Computer Science (M.Sc. Comp.Sc.) in Magadh University, Bodh Gaya under self financing scheme (Regular Mode).

Sir,

I am directed to invite a reference to the University's letter no. XM/81/14, dated 06.06.2014 on the subject noted above and to inform that Hon'ble Chancellor after due consideration of the proposal of the University, advice of the Advisory Committee and in exercise of the power vested in him under Section 38(2) and 39(2) (ii) of the Bihar State Universities Act, 1976, as amended up to date, has been pleased to approve the Admission Ordinance and Regulations of Master of Science in Computer Science (M.Sc. Comp. Sc.) in Magadh University, Bodh Gaya under self financing scheme (Regular Mode) (copy enclosed), from the session 2013-14 onwards with the condition to seek approval of the number of seats from the State Government from the next academic Session and send compliance to this Secretariat before commencement of the next Academic Session.

Further necessary action may kindly be taken accordingly.

Yours faithfully,

Sd/-
(N.K. Singh)
Under Secretary

Encl.: As above

Memo No. MU(Regulations)-21/2014-GS(I),
Copy alongwith copy of approved Admission Ordinance and Regulations of Master of Science in Computer Science (M.Sc. Comp. Sc.) in Magadh University under self financing scheme (Regular Mode). forwarded to the Principal Secretary, Education Department, Govt. of Bihar for information and necessary action.

Encl.: As above

Memo No. MU(Regulations)-21/2014-1085/GS(I),
Copy alongwith copy of approved Admission Ordinance and Regulations of Master of Science in Computer Science (M.Sc. Comp. Sc.) in Magadh University under self financing scheme (Regular Mode), forwarded to Scientist-D, In-Charge Computer Cell, Raj Bhavan, Patna for uploading on the website of Raj Bhavan/Guard File of Regulations and Ordinance of Magadh University, Bodh Gaya.

Encl.: As above

Sd/-
(N.K. Singh)
Under Secretary

Dated- 17-7-2014

(N.K. Singh)
Under Secretary
MAGADH UNIVERSITY, BODHGAYA

ORDINANCE

Master of Science in Computer Science (M.Sc. Comp. Sc.)
Two years Post Graduation Course
on Self - Financing Basis (Regular Mode)

Definition: The proposed course shall be known as M.Sc. in Computer Science to be run under Faculty of Science, Magadh University, Bodhgaya.

Duration: The Course shall be of two years duration consisting of 4 semester of Six months each. University will ensure at least twenty weeks teaching in each semester.

1. Qualification for admission
   i. To be admitted to the course for the degree of M.Sc. (CS) a candidate must have passed BCA or a three years Bachelor's degree (10+2+3) in Electronics/Computer Science/Mathematics/Physics.
   ii. Candidates appearing for the final examination mention above in (i) can also apply. Such candidates if selected will be admitted provided they produce evidence of having minimum eligibility requirement on the day of admission failing which their right of admission M.Sc. (Comp. Sc.) programme would stand forfeited.
   iii. No students shall be admitted who has not applied for admission within notified time or who on being selected for admission dies not get himself admitted within the specified time except when the delay is concerned by the Hon'ble Vice-Chancellor.
   iv. No Student shall be admitted who is the opinion of the Hon'ble Vice-Chancellor, Magadh University, Bodhgaya should not be admitted in the best interest of the University.

2. Admission and Selection Procedures:
   (a) 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 specification.
      i. Application forms for entrance test shall be obtained at the office counter on payment that will be decided by the Department Council from time to time or by sending a self-stamped registered envelope along with the D.D. for the payment of application form.
      ii. Application 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 and group discussion before the final selection is made and the final selection for admission shall be made strictly on the basis of entrance test, interview and group discussion.

v. The university reserves the right to take any decision in all matters of admission.

vi. No candidates shall be permitted to be registered as a student in more than one Master's Course of Magadh University simultaneous.

3. **In Take:** 60 (Sixty): Subject to the approval of State Govt.

4. **Reservation**

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

5. **Fee Structure:** There shall be the following semester-wise fee structure:

   - **Admission Fee:** Rs. 500/- only
   - **Tuition Fee:** Rs. 15000/- only
   - **Examination Fee:** Rs. 1500/- only

   i. Apart of this a sum of Rs. 2500/- shall also be realized as refundable caution money at the time of admission covering for all semesters.

   ii. The present course will run on self-finance basis, hence fee may be revised by the university as and when required after getting approval of Chancellor, Universities of Bihar.

   iii. The admitted candidates who are not registered under Magadh University shall also have to pay the registration charges as per M.U. rules.

6. **Amendments if any required:** The above aforesaid regulations pertaining to course curriculum, admission, examination and fee structure shall be subject to any amendment what so ever the university / institute may consider from time to time. These amendments shall be applicable after the approval of Chancellor, Universities of Bihar.
Proposed Regulation and Ordinance
for
Master of Science in Computer Science
Programme at Magadh University, Bodh-Gaya

REGULATIONS

Magadh University, BodhGaya will impart course, take admission, conduct examinations and award Post Graduate degree of Master of Science abbreviated as M.Sc. (Comp.Sc.).

1. **Duration of Course**: The duration of M.Sc. (Comp.Sc.) Programme shall cover a period of two academic years. Each academic year shall be divided into two semesters of 06 (Six) months each. Altogether the programme shall be divided into four semesters.

2. **Course Curriculum**:
   A. **Curriculum Design**

   The duration of the M.Sc. (Comp. Sc.) programme shall be of two academic years. Each academic year will start from July. A year is divided into two semester of about 06 months each. Altogether the programme is divided into four semesters.

   First Semester: July to December

   Second Semester: January to June

   Third Semester: July to December

   Fourth Semester: January to June

B. **Course Plan**:

   The course of each semester shall comprise of 4 papers, each paper of 100 marks (100 × 4 = 400 marks). Thus the entire curriculum shall be of 1600 marks taken together (400× 4 = 1600 marks).

<table>
<thead>
<tr>
<th>Semester</th>
<th>Paper</th>
<th>Theory</th>
<th>Credit</th>
<th>Total</th>
<th>Paper</th>
<th>Practical/Viva</th>
<th>Credits</th>
<th>Total Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3T</td>
<td>4</td>
<td>12</td>
<td></td>
<td>1P/V/G/D</td>
<td>8</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>3T</td>
<td>4</td>
<td>12</td>
<td></td>
<td>1P/V/G/D</td>
<td>8</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>III</td>
<td>3T</td>
<td>4</td>
<td>12</td>
<td></td>
<td>1P/V/G/D</td>
<td>8</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>IV</td>
<td>2T + 1 Project</td>
<td>4</td>
<td>08 + 04</td>
<td>1P/V/G/D</td>
<td>8</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>12T</td>
<td>16</td>
<td>48</td>
<td></td>
<td>4 P/V</td>
<td>32</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>
6 days per week
5-6.36 hours per week.
36 x 4 weeks = 144 hours per months.

In each P.G. course the 4th semester shall be for internship training devoted to project work and each student shall have to submit the project report/dissertation.

3. Methods & Medium of Instruction:
The Department shall adopt different methods of instruction to impart education that will be instrumental in efficient discharge of the functions and duties of the professional in their profession. Therefore a variety of instruction methods will be followed to facilitate an integrated learning approach. The methods include lecture cum discussion, analysis and discussion of cases, regular seminars and symposia, self-learning, group project, exercises and other relevant techniques. The medium of instruction and examination will be English only.

4. Attendance Policy
Regular in attendance in classes including seminars, symposia, case discussion periodical tests etc. is compulsory and 100% attendance will be desirable. The student will have to fulfill the condition of 75% attendance as per existing university rules. A prolonged absence without approval will result in dismissal from the programme. No students will be permitted to appear at any semester examination unless he/she fulfills the condition of 75% attendance as per existing university rules. Only 10% shortage of attendance may be condoned by the competent authority as per M.U. regulation on satisfactory ground.

The formula for calculation of marks over the attendance shall be as follows:

\[ \text{Marks on attendance} = \frac{\% \text{ of attendance}}{100} \times 20 \]

The marks thus obtained shall be equally obtained into the papers containing internal assessment.

5. Project/Industrial Training
In the last semester i.e. 4th the semester, all students will be required to go for project work to different industries and organizations. The project work will be an integral part of two year curriculum and its successful completion is pre-requisite for the award of degree.

6. Registration
It is mandatory for every student to be registered with Magadh University after taking his/her admission. The students coming from other universities will have to bring Migration Certificate from their universities for their registration under Magadh University. The students who are not registered under Magadh University shall not appear at the examination.

7. Examination
(i) Each course shall have Semester End Examination to be conducted by the University.
(ii) Each theory paper shall have written examination of 80 marks to be evaluated
external and internal assessment of 20 marks which shall be split as follows:

- Written test: 10 marks
- Attendance: 05 marks
- Seminar Presentation: 05 marks
- Total: 20 marks

(iii) In the written examination of theory papers, there shall be nine questions of which Q.1 shall be compulsory and objective type. Students shall have to answer five questions including Q.1.

(iv) The answer sheet are to be encoded before evaluation and decoded before tabulation, which shall be highly confidential.

(v) Students shall have to secure a minimum of 40% marks in each paper in internal assessment and semester end external evaluation taken together and 45% in aggregate of any semester to be declared successful.

(vi) Students failing to obtain 40% marks in any paper (s) in a semester end examination, shall have to clear the affected papers (s) in the next semester end examination along with the papers of the same semester.

(vii) If a student missed an internal assessment examination he/she will have a second chance with the permission of the concerned Head of the Department on the consideration of genuineness of the case.

(viii) There shall be no supplementary examination in any of the semester course.

(ix) The successful student in semester I, II & III will be declared as passed. While the final result shall be declared on the basis of 45% aggregate marks of all semester I, II, III & IV taken together.

Promotion Rule:

(i) Those who failed in not more than two papers of semester be treated as promoted to the next higher semester.

(ii) No student shall be permitted to be promoted to semester IV unless he clears all the backlog papers of semester I, II & III.

(iii) No student shall be permitted to avail more than two chance to clear the backlog papers of any end semester examination.

Improvement of Result: Student may improve their result of any semester by reappearing in not more than two papers of semester I, II and III. The better of the two results would be his final result. Students may avail this facility only twice during the whole course.
Award of Degree:

(i) The degree of M.Sc. (CS) shall be awarded to a candidate who secures a minimum, of 45 percent marks in aggregate for all the four semester taken together and the result shall be declared on the basis of aggregate marks obtained as follow:

<table>
<thead>
<tr>
<th>Marks</th>
<th>Grade</th>
<th>Grade Point</th>
<th>Credit Point (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75% marks and above</td>
<td>1st Class with Distinction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60% marks and above</td>
<td>1st Class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45% marks and above</td>
<td>2nd class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Below 45%</td>
<td>Fail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(ii) Grade Point and credit point shall be calculated as under:

<table>
<thead>
<tr>
<th>Marks</th>
<th>Grade</th>
<th>Grade Point</th>
<th>Credit Point (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-90</td>
<td>Extra Ordinary</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>89-80</td>
<td>Out Standing</td>
<td>09</td>
<td></td>
</tr>
<tr>
<td>79-70</td>
<td>Very Good</td>
<td>08</td>
<td></td>
</tr>
<tr>
<td>69-60</td>
<td>Good</td>
<td>07</td>
<td></td>
</tr>
<tr>
<td>59-50</td>
<td>Average</td>
<td>06</td>
<td></td>
</tr>
<tr>
<td>49-45</td>
<td>Pass</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>44-00</td>
<td>Fail</td>
<td>00</td>
<td></td>
</tr>
</tbody>
</table>

Note: In any other matter, which has not been included in this amendment, the existing rules and regulation of the University shall prevail.