CHAPTER- XXIII

ORDINANCE - MASTER OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING - PART-TIME (M.TECH CSE PART-TIME) EXAMINATION

1. The duration of the programme of Master of Technology (M.Tech.) - Computer Science and Engineering (Part Time) shall be TWO AND A HALF YEAR spread over five academic semesters.
    The **classes for the** programme shall be conducted during the weekends, i.e., Saturdays and Sundays.

2. The last date(s) by which the Examination forms and fees, without/with late fee must reach the Examination Branch shall be notified by the Controller of Examinations.

3. A person who has passed one of the following examinations of this University or an examination recognised as equivalent thereto, shall be eligible to join the First Semester of the programme:-
    (i) MCA, M.Sc. in Computer Science / Information Technology / Mathematics / Applied Mathematics / Physics / Applied Physics / Statistics /Operational Research / Electronics / Bioinformatics / MBA (Information Technology) with at least 55% marks in aggregate (pass marks for SC candidates).
    OR

B.E./B.Tech. or equivalent examination in any discipline with at least 55% marks in aggregate (pass marks for SC candidates).

Note: For B.Tech./B.E. aggregate marks of 8 semesters/6 sem (for lateral entry) will be considered for academic merit

(ii) The order of preference for the purpose of admission shall be as follows:
a. Candidates having valid GATE score in any one of the subjects mentioned in 3(i). Such candidates shall compete for admission on the basis of their GATE score.
b. Seats remaining vacant after offering them to candidates with valid GATE score, shall be filled on the basis of academic merit in Qualifying Examination plus usual weightage(s) admissible, if any.

4. The Examination for the degree will be held twice in a year in the month of May and December or on such other dates as may be fixed by the Controller of Examinations.
Supplementary examinations will be held for Re-appear candidates as under:

Semester	When held
i) First Semester	Alongwith Third Semester
ii) Second Semester	Alongwith Fourth Semester
iii) Third Semester	Alongwith Fifth Semester
iv) Fourth Semester	Alongwith Fifth Semester
v) Fifth Semester	Alongwith even/odd semester examination

Such candidates will pay examination fee as prescribed for the whole semester examination.

5. The examination shall be open to any student, who has his/her name submitted to the Controller of Examinations through the Chairperson of the Department and produces the certificate:
a) of possessing a good character;
b) of having remained on rolls of the for the semester preceding the examinations;

c) of having attended not less than 75% of the full course of lectures delivered in each paper, practical, seminar, case discussion, trip to educational / professional institutions, etc.

6. The examination shall consists of following parts:-

    a. Written exams and sessional work on the subjects of theory papers

    b. Lab work in the lab and viva-voce on subjects of practical paper(s)

    c. Podium oral presentation for the subject of seminar paper(s)

    d. Dissertation

7. A person who has passed the Semester I, II, III, IV shall be eligible to join the Semester II, III, IV, V respectively of the programme. This is, however, subject to Clauses 7(i) & 7(iii) below:

    (i) A candidate who has failed in one or more paper(s) of I and II Semesters or III and IV Semesters, shall be promoted provisionally to the III and V Semesters, as the case may be, only if he/she has earned exemption in the paper(s) as mentioned below:

From Semesters I & II to Semester III	If he has earned exemption in at least 50% papers (theory, seminar and practical) of Semesters I and II taken together.
From Semesters III & IV to Semester V	If he has passed all the papers of I & II and has earned exemption in at least 50% papers of Semesters III and IV taken together.

    ii)   A candidate who has failed in one or more paper(s) or fails to appear in a Semester Examination or having been eligible fails to appear-therein, shall be allowed two consecutive chances only, on the recommendation of the Chairperson of the Department, to pass the Semester Examination subject to Clause 7(iii) below. Such a candidate may be exempted from re-appearing in the papers / practicals / seminar / sessionals in which he/she may have obtained at least 50% marks.

    iii)   A candidate for the Master of Technology in Computer Science & Engineering (part-time) Degree must pass the whole programme (all the **FIVE** Semesters) within a period of **five years** of his /her admission to the First Semester class, failing which he/she will be deemed to be unfit for the programme and shall not be allowed to appear in the same either by attending classes afresh as a regular student or as an ex- student.

8.   If a candidate, after attending the programme of studies in the Department, did not appear or having appeared failed in one or more courses for any semester examination, he/she can appear for such course(s) in the subsequent examination(s) without attending a fresh programme of studies for that semester in the Department. Such a candidate may, in the meantime, pursue his/her studies for next semesters and appear in the examination(s) for the same along with the examination for the lower semester(s). Provided that a candidate shall complete all the requirements of the Degree in a period not exceeding **five years** for the date of his/her joining the programme.

9. During the Fifth Semester of the programme, candidates shall pursue a Dissertation work under the guidance of a supervisor appointed by the Chairperson of the Department.

10. The last date of submission of Dissertation by the candidates in the Examination Branch will be December 31st of the year concerned failing which they will have to pay a late fee of Rs. 500/- for the submission during next four months, whereafter Rs. 1000/- late fee will be charged for submission during next four months and Rs. 2000/- late fee shall be charged for submission during next four months.

11. **i)** Practical and viva voce examination will be conducted by a team of two examiners (one internal and the other external). If the examiners are unable to agree and there is difference in the award, the average of the two shall be taken as final.

    Marks in the practical examination shall be awarded on the basis of performance in practical examination (program editing, debugging, compilation, execution and viva- voce)

    ii) The podium presentation of the seminar delivered by the student shall be evaluated by a panel of at least three teachers.

    iii) The Vice-Chancellor, on the recommendation of the Board of Post-graduate Studies concerned, shall appoint an External Examiner for the Dissertation who shall examine the Dissertation on the basis of documentation and viva-voce.

    If the Examiner considers the Dissertation, unsatisfactory he shall point out in writing the defects and make suggestions for improvement and modification, if a revision will render it acceptable. Such a candidate shall be allowed to resubmit the Dissertation etc. within the prescribed period of the programme. If the Examiner recommends rejection of the Dissertation, the candidate shall submit the same on a new/revised topic within the maximum duration of the programme. If the Dissertation is adjudged as satisfactory the same examiner will, as far as possible, hold the Viva-Voce also and award marks. The Viva-Voce shall be open to teachers/students in the Department concerned, but they will not be entitled to put any question.

    If A candidate who fails in the dissertation shall be allowed to submit his new dissertation for fresh assessment not earlier than

three months and not later than one year from the date of his failure. If the candidate fails in the dissertation even at the second attempt, he shall be deemed to have failed in the whole examination.

12.   Dissertation should present an orderly and critical exposition of existing knowledge of the subject and/or embody original investigation carried out by the candidate in an orderly manner. The candidate should lay down in his dissertation clearly the work done by him as an original investigation and the source from which he has obtained other information contained in his dissertation. The dissertation should demonstrate that the candidate has been trained in research work and is in a fit condition to take up fruitful research on his own.

13.   The minimum passing marks in any examination shall be:

(i)   40% in each external exam of theory subjects
(ii) 40% in the aggregate of sessional marks and external examination marks for each theory subject
(iii) 40% in each practical examination.
(iv) 40% in each seminar examination.
(v) 40% in dissertation.
(vi) 50% in the aggregate.

Provided that a candidate who fails to obtain the requisite marks in aggregate of sessional and examination marks as provided in 13(ii), (iii) and (iv) he shall be required to re-appear in the examination in the concerned subject in the subsequent examination(s). Such candidates will not be required to repeat the sessional work.

14.   The successful candidate shall be classified as under:-

(i) Second Class, if a candidate obtains 50% or more marks but less than 60% marks in aggregate.

(ii) First Class, if a candidate obtains at least 60% of aggregate marks.

(iii) First Class with 'Distinction', if a candidate obtains 75% of aggregate marks in semester I, II, III, IV & V examinations and further completes the full Examination in minimum duration of the programme as laid down in the Ordinance.

15. Notwithstanding the integrated nature of this programme, which is spread over more than one academic year, the Ordinance in force at the time a student joins the programme shall hold good only for the examination held during or at the end of the academic year and nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance and the amended Ordinance, if any, shall apply to all students whether old or new.