



Department of Mathematics

Master of Science in Mathematics

Thesis Regulations



Thesis Regulations

1. Registration of the thesis

Requirements and Procedures:

1. In order to register for Thesis, the graduate student must have successfully completed the course work of all courses successfully.
2. The graduate student has the option to choose the supervisor of his choice. However, the Head of the Department will allocate the supervisor in consultation with the coordinator of Higher Education Committee of the Department.
3. The student in consultation with the allocated research supervisor selects the topic and makes a formal application to the competent authority for consideration and approval.
4. Once approved, the graduate student registers the title in the National Library to avoid duplicate work.

Responsibilities and Procedures for Scientific Guidance:

1. The Research Supervisor advises the student on the research methodology to be adopted.
2. The Supervisor periodically interacts with the student and provide guidance with regard to collection and review of literature, identifying the research problem and its solution.



2. Scientific Supervision:

(The regulations of the selection of the scientific supervisor and his/her responsibilities, as well as the procedures/ mechanisms of the scientific supervision and follow-up)

Appointment of Supervisor:

1. The Research Supervisor must be a doctorate degree holder holding an academic rank of Assistant Professor and above. However, in case of the supervisor being an Assistant Professor, he must have published atleast 2 publications after acquiring Ph D degree and immediately before the appointment as Assistant Professor.

Responsibilities:

1. The Supervisor is responsible for the quality of the research being undertaken by the graduate student and the output.
2. The Supervisor advises the student from time to time and help the students in case of any hardship in research.
3. The Supervisor must make a record of the progress of research by the graduate student from time to time.
4. The Supervisor must ensure that atleast one paper is published/accepted in a scientific journal before submission of the thesis.
5. On completion of preparation of the thesis by the student, the supervisor reviews for any correction and modification and recommends the names of examinations for the evaluation of thesis and defense.



3. Thesis Defense/Examination:

(The regulations for selection of the defense/examination committee and the requirements to proceed for thesis defense, the procedures for defense and approval of the thesis, and criteria for evaluation of the thesis)

1. The Thesis evaluation committee is formed comprising of three examiners – (Supervisor and two other examiners). Out of the two external examiners, one must be within the department.
2. The thesis evaluation committee is approved in the Department Council, College Council and approved by the Higher Studies Committee of the University.
3. On approval, the supervisor forwards the thesis to the examiners for their evaluation and comments and a suitable date for defense is notified.
4. On the date of defense, the graduate student makes a presentation on his/her work before the audience and responds to their queries.
5. After the open defense, the graduate student defends the thesis in private before the Committee.

Criteria for evaluation:

The committee considers the following aspects:

- (a) Originality of Research
- (b) Research Methodology
- (c) Past work done in the area
- (d) Reporting of the derived results
- (e) Scope for further research
- (f) Presentation by the student and the defense on the questions raised by the committee members.

Notification of the Outcome: On completion of the defense, the Chairman of the Committee prepares a report signed by all three members and reads in the open house whether or not the Thesis could be considered for award of Master Degree before the audience.