



Office of the Academic Registrar

মাধবদেব বিশ্ববিদ্যালয়

MADHABDEV UNIVERSITY

A State University established under the Assam Act No. XXXV of 2017

Narayanpur, P.O.: Dikrong (784164), Dist.: Lakhimpur, Assam

Phone No.: 03752 262254/55, E-mail: universitymadhabdev@gmail.com

Ref. No.: MDU/24/DG/24/4151

Date: 29.04.2025

Notice

This is to inform all concerned that the UG 6th Semester Project Guidelines have been prepared by the designated Committee. Pending approval from the Undergraduate Board and subsequent endorsement by the Hon'ble Vice Chancellor, the University has adopted these guidelines. The Project Guidelines are attached herewith for your reference.

-/-

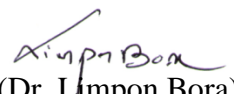
(Dr.Limpon Bora)
Academic Registrar

Ref. No.: MDU/24/DG/24/ 4151-A

Date: 29.04.2025

Copy to-

1. The Hon'ble Vice-Chancellor for information
2. The Registrar for information
3. All Head of the Departments.
4. All Faculty members
5. Controller of Examinations
6. Director IQAC
7. Associate Dean Research and Development
8. Notice Board
9. Office File


(Dr. Limpon Bora)
Academic Registrar
Academic Registrar
Madhabdev University
Narayanpur, Lakhimpur

MADHABDEV UNIVERSITY

RESEARCH PROJECT GUIDELINES

of

UG 6th Semester



Narayanpur, Lakhimpur, Assam
784164

RESEARCH PROJECT

Introduction

These guidelines are prepared for students of UG 6th semester and Supervisors, Madhabdev University, Narayanpur, Lakhimpur, Assam to enable them to execute their respective roles and responsibilities for the research project.

Outcomes

After completing this research project, students will be able to,

- Write the Research Project Proposal
- Read and interpret others researcher's work critically while doing their own research work
- Test and validated and to address the research questions/hypothesis

Responsibilities of the Head of the Department

The Head of the Department shall coordinate in Executing the Research Projects, their responsibilities can be summarized as follows:

- To approve the topic of Research Project Proposal.
- To assign supervisors to a group of **maximum Five students** who are working on a common problem statement.

Responsibilities of the Supervisor

Students will be guided by the supervisors their responsibilities can be summarized as follows:

- To Guide the students in writing the Research Project Proposal
- To Guide the students for the literature survey, selection of methodology, data collection, data analysis, testing of the Hypothesis etc
- To interact with the students once in a week to review the progress of the research work, these sessions will reinforce/review the concepts, findings and will focus on addressing issues relevant to weekly meetings
- To guide the students in managing the research project from start to finish meeting stated milestones and timelines
- To Review the draft of research project dissertation, presentation slides and provide suggestions to improve them
- Maintain all the documents related to the research project work

Responsibilities of the Students

Students are required to exercise self-discipline, self-management, job co-ordination, team work, and trust worthiness to ensure the success of the project.

Among the expected responsibilities are:

- To write a Research Project Proposal
- To review the literature, selection of appropriate methodology, data collection, data analysis, testing of the Hypothesis etc
- To adhere to the weekly meeting schedule with the supervisor for the purpose of updating their progress and seeking advice on project matters (Attendance is compulsory as per regulation) and submit weekly report
- To manage the research project from start to finish meeting stated milestones and timelines
- To report immediately to the supervisor any difficulties encountered that would interrupt the work.
- To submit Project on time

Assessment of the Research Project Work

This section is addressed to supervisors and examiners. It provides information on assessment criteria for the research project work. It also provides guidance to students about what examiners will be looking for in evaluating the projects. The Research project work will be assessed for 100 marks through formative and summative assessment tools, in formative assessment the project will be valued for 60 marks and in summative assessment project will be evaluated for 40 marks.

The Formative Assessment-(Continuous Internal Evaluation)

The Formative Assessment will be conducted for 60 marks. The students will not be eligible to take Semester End Examination if they fail to complete Formative Assessment.

Continuous Internal Evaluation conducted at the end of 2nd week		
Sl. No.	Assessment parameters	Marks
1	Research Project Proposal: <ul style="list-style-type: none"> • Scope of the Research Project -10marks • Background of the study - 5marks • Research Problem statement - 5 marks • Hypothesis/Research Questions -10marks 	30
	Total	30

Continuous Internal Evaluation conducted at the end of 4th week		
Sl. No	Assessment parameters	Marks
1	Literature Survey -Are the relevant concepts and empirical studies in literature were critically reviewed in literature survey?	10
2	Research Methodology -Are the Research Design, Population of the Study, Sampling Techniques, Instrument for Data Collection, Validity of the Instrument, Reliability of the Instrument, Procedure for Data Collection, Method of Data Analysis were well suitable for the research work?	10
3	Testing of Methodology/ Data Analysis -Are the selected methodology is Tested with sample Data? If the work is not data centric, then whether the research methodology is tested by checking logical consistency, completeness of review , clarity of hypothesis, soundness of reasoning and strength of theoretical conclusion.	10
	Total	30

The Summative assessment- Semester End Examination

During the end semester examination, students shall demonstrate and defend the out comes of their research work to the Head of the Department and other supervisor of respective Department.

The evaluation criteria are as follows:

Sl No	Criteria	Marks
1	Presenting and Defending the Research work	20
2	Demonstrating the Outcomes of Research work	10
3	Project Report –Format and Technical writing skill	10
	Total	40

Plagiarism

Plagiarism is the act of obtaining or attempting to obtain credit for academic work by representing the work of another as one's own without the necessary and appropriate acknowledgment. If a student is caught committing plagiarism, disciplinary action will be taken against the student

Keeping in view the policy of plagiarism, and avoid piracy of intellectual property, the student needs to follow the citation policy:

- When 10 words are taken together from some established core work, citation becomes essential.
- When the copied content reaches 40 words in accumulation, the fragment needs to be kept Under inverted comma (“ ”) in italic.
- It is necessarily required to cite reference in case of any content adopted from anywhere other than internet open sites. If plagiarism is found more than 35 percent in aggregate during plagiarism detection, the work shall not be considered for further process and asked to resubmit the report again for the evaluation

Copy right

The institutions shall be the owner for all findings, designs, patents, and other intellectual property rights.

FORMATS

Project

Format-1

Research Project Proposal

Research project proposal

The project proposal should be minimum of 20 pages and maximum of 30 pages and key components of the project proposal are as follows.

1. Title:
2. Proposer Name:
3. Scope of the Research Project:
4. Background of study:
5. Research Problem Statement:
6. Hypothesis/Research Questions.
7. Time Frame:

Date

Signature of the student

Signature of the

Supervisor

Project

Format-2

Research Project Template

The contents of the Dissertation shall be arranged in the following order:

- Cover Page
- Inside Title Page
- Certificate signed by the supervisor and HOD
- Declaration signed by the Candidate
- Acknowledgements
- Abstract
- Table of Contents
- List of Figures
- List of Tables
- Abbreviations/Notations/Nomenclature(if any)
- Text of the Report
 - Chapter1:Introduction
 - Chapter2:Literature Review
 - Chapter3:Methodology
 - Chapter4:Results and Discussions
 - Chapter5: Conclusion and Recommendations
- References
- Appendices
- Non-paper materials(if any)

Each chapter of the project Thesis shall have,

Chapter 1: Introduction

- Background to the Study
- Statement of the Problem
- Research Questions and/or Hypothesis

Chapter2: Literature Review

- Appraisal of Reviewed Literature

Chapter3:

A. Methodology (For Data based Research)

- Research Design
- Population of the Study
- Sample and Sampling Techniques
- Instrument for Data Collection
- Validity of the Instrument
- Reliability of the Instrument
- Procedure for Data Collection
- Method of Data Analysis

B. Methodology (For Theoretical Research)

- Identification and review of the Problem
- Formulation of Hypothesis/ Proposition
- Theoretical analysis

Chapter4: Results and Discussions

- Discussion on the Findings

Chapter 5: Conclusion and Recommendations

General Guidelines

Report Size – Report shall contain minimum of 20 pages and maximum of 30 pages including references and appendices.

Paper Size- Use A4 size paper

Paper Quality - Photographs or images with dense colors may be printed in single side on glossy paper. All photograph should be in GIS mode.

Margins-A margin of 40mm is to be provided on left and 30mm on right sides, whereas top and bottom margins should be 30 mm. No print matter should appear in the margin except the page numbers. All page numbers should be centered inside the bottom margin, 20mm from the bottom edge of the paper.

Font-Times New Roman (TNR) 12-point font/equivalent font in case of latex shall be used throughout the running text. The captions for tables and figures should have font size of 11 and foot notes should be set at font size 10. Font sizes for various levels of headings are given in the table below

Note: Other than the chapters which are mentioned above the concerned department may add some additional Chapters if required and found necessary.

Line Spacing –The line spacing in the main text should be 1.5, for quotations, figure captions, table captions, figure legends, footnotes, and references. The equations, tables, figures, and quotations single line spacing should be given.

Table/Figure/equation Format-

Tables, figures, and equations shall be numbered chapter-wise. For example, second figure in Chapter 3 will be numbered Figure3.2. The figure can be cited in the text as Figure 3.2, Tables shall be numbered similarly (Table 2 in Chapter 3 will be numbered Table 3.2) and shall be cited in the text as Table 3.2. Figure caption shall be located below the figure. Table number and caption shall be located below the table. Equations are aligned to the Centre of the page with equation number in the text has to be given at the end of the line with in brackets as given below.

List in the References

Referencing is a way to give credit to the writers from whom you have borrowed words and ideas. By citing the work of a particular scholar, you acknowledge and respect the intellectual property rights of that researcher. The reference format to be followed for journal articles, text books, conference proceedings etc. are given below.

Journals

1. Parkas, K. (2011). Feedback and optimal sensitivity: Model reference transformations, multiplicative semi norms, and approximate inverses. *IEEE Transactions on Automatic Control*, 26(2): 301–320.

0303

Text books

1. Myers, D.G. (2007). *Psychology* (1st Canadian ed.). Worth: New York.

Conference proceedings

1. Payne, D.B. and Gunhold, H.G. (1986). Digital sundials and broadband technology, In *Proc. IOOC-ECOC*, 1986, pp. 557-998.

Reports

1. Milton, M and Robert, L. (2004). Atmospheric carbon emission through genetic algorithm, Environment and Technical Report No.3., Indian Meteorological Department., New Delhi

Online journals with a DOI (Digital Object Identifier)

1. Krebs, D.L. and Denton, K. (2006). Explanatory limitations of cognitive developmental approaches to morality. *Psychological Review*, 113(3): 672- 675. doi: 10.1037/0033-295X.113.3.672

Online journals without a DOI

1. Vicki, G.T., Thoma, M., Cullen, A. and Fernandez, H. (2007). Modeling the hydrological impact on Tropical Forests. *Forest Ecology*, 13(10): 122-132. Retrieved from <http://www.uiowa.edu/~grpproc/crisp/crisp.html>

Online books

1. Perfect, T.J. and Schwartz, B. L. (Eds.) (2002). *Applied met cognition*. Retrieved from [http://www.questia.com/read/107598848\(--IfDOIisavailable,usetheDOIinsteadofaURL](http://www.questia.com/read/107598848(--IfDOIisavailable,usetheDOIinsteadofaURL)

Chapters from a book

1. Krebs, D.L. and Denton, K. (1997). Social illusions and self-deception: The evolution of biases in person perception. In J. A. Simpson & D. T. Kenrick (Eds.), *Evolutionary social psychology* (pp.21-48). Hillsdale, NJ: Erlbaum

Appendices

Include data tables, drawings, background calculations, specification lists for equipment used, details of experimental configuration, and other information needed for completeness,

Page Numbering

Page numbers for the prefacing materials (Inside title page, dedication, certificate, declaration, acknowledgements, Abstract, table of contents, etc.) of the report shall be in small Roman numerals and should be centered at the bottom of the pages. The numbering of the prefacing material starts from the Inside Title Page. Each new item of the prefacing materials listed above should start on a fresh page on next page.

The body of the report starting from Chapter 1 should be paginated in Arabic numerals and should be centered at the bottom of the pages. The pagination should start with the first page of Chapter 1 and should continue throughout rest of the report. Each side of a sheet of paper should be counted as a separate page, even if the back side of a sheet of paper is blank.

Each of the items - Inside cover page, Certificate, Acknowledgements, Abstract, Table of Contents, List of Figures, List of Tables, Abbreviations, Notations, Nomenclature, each new Chapter, References, and each new Appendix should start on an odd page i.e., on the right side

Non-Paper Material

A report may contain non-paper material, such as specimen, CDs and DVDs, Pen drive if necessary. They have to be accommodated in a closed pocket in the back cover page of the report. The inclusion of non-paper materials must be indicated in the Table of Contents. All non-paper materials must have a label each clearly indicating the name of the candidate, student Register number and the date of submission.

Binding

Two hard bounded copies of the Dissertation shall be submitted for evaluation, the cover page should be printed on sky blue card. One copy is used for Semester End Examination and after the exam it should be maintained in the concerned Head of the department and another copy is maintained at Controller of Examination Office.