

Assignment

on

Name of Subject _____

Submitted to

Department of _____

NIILM UNIVERSITY, KAITHAL (HARYANA)



By

Name of Scholar _____

Pro Enrolment No _____

Email ID _____

Date of Submission _____

Signature (HOD/Dean)

ASSIGNMENT- I

RESEARCH METHODOLOGY ASSIGNMENT

1. INTRODUCTION

- Briefly introduce the research topic and objectives
- Provide an overview of the research design and methodology.

2. RESEARCH DESIGN

- Explain the research approach (qualitative, quantitative, or mixed methods)
- Describe the research type (experimental, survey, case study, etc.)

3. DATA COLLECTION METHODS

- Explain the data collection techniques used (e.g., interviews, questionnaires, observations)
- Describe the sampling strategy and sample size.

4. DATA ANALYSIS METHODS

- Explain the data analysis techniques used (e.g., statistical analysis, thematic analysis)
- Describe the tools and software used for analysis.

5. ETHICAL CONSIDERATIONS

- Discuss the ethical issues considered in the research (e.g., informed consent, confidentiality)
- Explain how ethical issues were addressed.

6. LIMITATIONS

- Discuss the limitations of the research design and methodology.

7. CONCLUSION

- Summarize the research methodology used.
- Highlight the significance of the research and its contributions.

8. REFERENCES

- List all sources cited in the assignment, following a consistent citation style.

Note: This format may vary depending on the specific requirements of your assignment and the discipline you are studying in. Be sure to consult with your instructor or consult the assignment guidelines for specific requirements.

ASSIGNMENT- II

PRE-PHD ASSIGNMENT COMPUTER APPLICATION IN RESEARCH

1. INTRODUCTION

- Briefly introduce the research topic and objectives
- Explain the significance of computer applications in research.

2. LITERATURE REVIEW

- Discuss the current state of computer applications in research.
- Review relevant studies and tools used in the field.

3. RESEARCH PROBLEM AND OBJECTIVES

- Clearly state the research problem and objectives
- Explain how computer applications can address the research problem.

4. METHODOLOGY

- Describe the computer applications and tools used in the research (e.g., programming languages, software, algorithms)
- Explain the data collection and analysis methods used.

5. COMPUTER APPLICATION DEVELOPMENT

- Describe the development process of the computer application.
- Include screenshots, diagrams, or flowcharts to illustrate the application's functionality.

6. RESULTS AND DISCUSSION

- Present the results of the computer application's performance.
- Discuss the implications of the results and their contribution to the research field.

7. CONCLUSION

- Summarize the key findings and their significance.
- Highlight the potential applications and future directions for the research.

8. REFERENCES

- List all sources cited in the assignment, following a consistent citation style.

9. APPENDICES

- Include any additional materials that support the assignment, such as code snippets, user manuals, or additional figures and tables.

Some specific topics that may be covered in this assignment include.

- Development of a software tool for data analysis
- Design and implementation of a database for research data.
- Creation of a simulation model for a research problem
- Development of a machine learning algorithm for data classification

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ASSIGNMENT- III

RESEARCH AND PUBLICATION ETHICS

I. INTRODUCTION

- Briefly introduce the importance of research and publication ethics in academic and professional settings

II. ETHICAL PRINCIPLES IN RESEARCH

- Discuss the fundamental ethical principles in research, such as:
- Informed consent
- Confidentiality and anonymity
- Avoidance of harm
- Objectivity and integrity
- Responsible conduct of research

III. ETHICAL ISSUES IN PUBLICATION

- Discuss ethical issues related to publication, such as:
- Plagiarism
- Fabrication and falsification of data
- Duplicate publication
- Authorship and contributorship
- Conflict of interest

IV. CASE STUDIES

- Present case studies that illustrate ethical dilemmas in research and publication, such as:
- Fabrication of data in a study
- Plagiarism in a manuscript
- Conflict of interest in a research project
- Analyze the cases and discuss potential solutions

V. Best Practices for Ethical Research and Publication

- Discuss best practices for conducting ethical research and publication, such as:
- Proper citation and referencing
- Transparency in data collection and analysis
- Disclosure of conflicts of interest
- Responsible use of research funds

VI. Conclusion

- Summarize the importance of research and publication ethics
- Highlight the responsibility of researchers and authors to uphold ethical standards

VII. References

- List all sources cited in the assignment, following a consistent citation style.
- Some specific topics that may be covered in this assignment include:
- Ethical guidelines for research involving human subjects
- Responsible conduct of research in various fields (e.g., medicine, social sciences, engineering)
- Ethical considerations in publishing research results
- Consequences of unethical behaviours in research and publication

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