



SILVER OAK UNIVERSITY
Silver Oak College of Computer Application
Master of Science Cyber Security and Digital Forensics
Course Name: Mini Project
Course Code: 1040147291
Semester: 3rd

Prerequisite: Basic knowledge of Cyber Security concepts.

Course Objective: This course provides an opportunity for students to apply the knowledge and skills acquired in the core courses to larger and more complex problems and to gain experience in working in teams.

Teaching Scheme:

Teaching Scheme				
L	T	P	Contact Hours	Credit
0	0	8	8	4

Guidelines: Students have to work individually selecting any 1 topic for their mini project. They will be guided by the faculties for the same.

Documentation: The project has to be well-documented in the form of a Project Report (at least 50 pages consisting of the design, data dictionary, source code, screenshots, etc.).

Format:

- Print out on both sides of the page.
- Font: Times New Roman, 12-point
- Line Spacing: 1.5 lines
- Margins: 1-inch on all sides
- Alignment: Justified
- Page Numbers: Bottom center
- Headings: Use a consistent style for headings and subheadings (e.g., bold, larger font size)
- Figures and Tables: Number and title all figures and tables. Place them close to the text where they are referenced.
- Length: at least 50 pages, excluding references and appendices

Documentation Guide:

1. Title Page
 - Project Title
 - Student's Name
 - Student's Roll Number
 - Course Name and Code
 - Instructor's Name
 - Submission Date

2. Abstract

- A brief summary of the project, including the main objectives, methodology, and conclusions.
- Length: 150-250 words

3. Table of Contents

- List all sections and sub-sections with page numbers.

4. Introduction

- Background information on the topic.
- Statement of the problem.
- Objectives of the project.
- Scope of the project.

5. Literature Review

- Summary of existing research and studies related to the topic.
- Identification of gaps or limitations in current knowledge.

6. Methodology

- Detailed description of the methods and procedures used in the project.
- Tools, technologies, and software used.
- Data collection methods (if applicable).

7. Implementation

- Step-by-step explanation of the project implementation.
- Code snippets, algorithms, or processes used.
- Diagrams, flowcharts, or screenshots (if applicable).

8. Results

- Presentation of the findings or outcomes of the project.
- Tables, graphs, charts, or other visual aids to illustrate the results.

9. Discussion

- Interpretation of the results.
- Comparison with existing studies or expected outcomes.
- Implications of the findings.

10. Conclusion

- Summary of the project's main findings and achievements.
- Limitations of the study.
- Recommendations for future work.

11. References

- List of all sources cited in the report.
- Follow a standard citation style (e.g., APA, MLA, IEEE).

12. Appendices (if applicable)

- Additional material such as raw data, detailed calculations, or supplementary information.
- Label each appendix (e.g., Appendix A, Appendix B).

Course Outcomes:

Sr. No.	CO Statement
CO-1	Analyze and apply concepts learned in real-world cyber cases.
CO-2	Demonstrate proficiency in navigating the life cycle of cyber cases, from detection to resolution.
CO-3	Create structured report sections through effective analysis, critical thinking, and synthesis of project content.
CO-4	Evaluate documentation standards critically, showcasing quality assurance proficiency and attention to detail.

CO-PO-PSO MATRIX:

Co. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO-1	3	3	2	1		2		3	2
CO-2	2	2	1	3	3		1	2	3
CO-3	1	3	2	2		1	1	2	3
CO-4	1	3	2	2		3		2	2