



**SILVER OAK UNIVERSITY**  
**Silver Oak College of Computer Application**  
**Master of Science Cyber Security & Digital Forensics**  
**Course Name: Dissertation**  
**Course Code: 1040147292**  
**Semester: 4<sup>th</sup>**

**Prerequisite:** Proficiency in research methodologies relevant to the field of study.

**Course Objective:** The core objective of the Dissertation course is to equip students with the necessary skills and methodologies to undertake independent research projects effectively. Emphasizing rigorous research design, proficient execution, and meticulous data analysis, this course cultivates ethical research conduct and fosters the ability to generate valuable insights and contribute meaningfully to scholarly discourse within their respective fields.

**Teaching Scheme:**

Teaching Scheme				
L	T	P	Contact Hours	Credit
0	0	40	40	20

**DISSERTATION GUIDELINES:**

Candidates will prepare theses and dissertations according to the standards described in this document.

**Follow these instructions carefully. You may not file your thesis or dissertation or graduate until the physical format of your thesis or dissertation has been approved by the reference faculty.**

**1. Introduction**

- This document covers the general rules of quality, format and appearance. Students should consult their Project Guide for specific content requirements.
- It is the student's responsibility to read and follow the requirements presented here. The final copies will not be accepted if they do not fulfill the criteria described here.

**2. Originality**

Thesis shall

- Consist of the student's own account of his/her investigations
- Be either a record of original work or of an ordered and critical exposition of existing knowledge and shall provide evidence that the field has been surveyed thoroughly
- Be an integrated whole and present a coherent argument
- Give a critical assessment of the relevant literature, describe the method of research and its findings and include a discussion on those findings
- Include a full bibliography and references.
- Check originality of thesis with help of Software which is provided to institute by SILVER OAK UNIVERSITY.

**3. Components**

A thesis should contain the following parts in the order shown:

- 3.1. Fly page (1 Blank Pages)
- 3.2. Title page, containing:
  - the thesis title;
  - the full name of the Candidate, enrollment no. and Guide name;
  - the degree for which the thesis is submitted;
  - the name of the University, i.e. SILVER OAK UNIVERSITY
  - the month and year of submission
- 3.3. Declaration Page
- 3.4. Thesis Certificate page;
- 3.5. Originality Report Certificate
- 3.6. Thesis Approval Form
- 3.7. Abstract
- 3.8. Acknowledgments
- 3.9. Table of contents
- 3.10. List of Symbols
- 3.11 List of Figures and Tables
- 3.12 List of Appendices
- 3.13 Abstract must be written on a separate page which should provide a concise summary of the thesis in maximum 300 words.
- 3.14 The thesis body (Chapters)
- 3.15 A thorough reference list;
- 3.16 List of Publications
- 3.17 Appendices (List of abbreviation, etc.) and other addenda, if any.

**Note :Students can use the latest technology.**

**Course Outcomes:**

Sr. No.	CO Statement
CO-1	Understand and apply ethical standards of conduct in the collection and evaluation of data and other resources.
CO-2	Test the proposed hypothesis and validate it using various qualitative/quantitative evaluation parameters on relevant datasets.
CO-3	Evaluate the performance of the proposed algorithm/methodology with relevant quantitative and qualitative performance parameters using problem-specific datasets.
CO-4	Apply appropriate techniques and draw reasonable conclusions based on the experimental work.

**CO-PO-PSO MATRIX:**

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