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A Thesis submitted to Sarvajani University  
for the Award of

Doctor of Philosophy  
In

[Faculty / Discipline Name]  
by

[Full Name of the Research Scholar]

[Enrollment No.]

ORCID iD: [\[Add your ORCID iD here\]](#)

under the supervision of

[Name of Supervisor]

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**SARVAJANIK UNIVERSITY**  
**Surat – 395001, Gujarat – India.**  
[Month – Year of Submission]

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\_\_\_\_\_  
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- In **British English** (unless stated otherwise).
- **Double-spaced, Times New Roman (12 pt)** typically.

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## **Table of Contents**

### **Abstract (250–300 words)**

Brief summary of:

- The research problem
- Methodology
- Key findings
- Significance of the work

### **1. Introduction**

- Background and context
- Motivation for the research
- Scope of the study
- Objectives
- Organization of the synopsis

### **2. Problem Statement**

- Research problem
- Challenges or gaps in current research

### **3. Literature Review**

- Overview of existing work related to your topic
- Comparison of different methods, frameworks, or approaches
- Critical analysis highlighting gaps in current research
- Justification for your research direction

### **4. Research Objectives and Methodology**

- Main goal of the research
- Proposed algorithms/models/framework development
- Tools, languages, datasets, or platforms
- Evaluation methods and performance metrics

### **5. Expected Outcomes**

- Software, models, algorithms, or frameworks to be developed

## **6. Work Plan & Timeline**

- Phase-wise breakdown (e.g., Literature Review, Design, Implementation, Testing, Writing) (minimum 4 chapters as per the implementation part)
- Chapter.1
- Chapter.2
- Chapter.3
- Chapter.4

Each Chapter Format:

- Abstract
- Introduction
- Materials and Methods
- Results and Discussion
- Outcome

## **7. Summary of Research Work (One-page)**

[Concise summary for digital submission to repositories like Shodhganga.]

## **8. Bibliography / References**

- **Follow standard format (IEEE / APA / ACM, etc.) for citation. Include:**

1. Journals
2. Books
3. Chapters
4. Conference proceedings
5. Internet sources
6. Patents

## **9. Appendices**

- Additional diagrams, datasets, tables

## **10. List of Publications**

[List the papers, book chapters, patents derived from thesis work.]

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## List of References

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Journal

**APA/ACM/ MLA/IEEE/styles allowed.**

### Chapter in Books

1. Wenzel HJ, Schwartzkroin PA (2006) Morphologic approaches to the characterization of epilepsy models. In: Pitkanen A, Schwartzkroin PA, Moshe SL (eds) *Models of seizures and epilepsy*, Elsevier Academic Press, San Diego, pp. 629-652.

### Book

1. Pechenik JA (1987) *A short guide to writing about biology*. Harper Collins Publishers, New York.

### Book in a series

1. Bhattacharjee M (1998) *Notes of infinite permutation groups, Lecture notes in mathematics* no.1698, Springer, New York.

### Encyclopedia articles

1. Varley DH, Immelman RFM (1972) Libraries. *Standard Encyclopaedia of Southern Africa*, vol.6, p.618-619

### Thesis/dissertation

1. Smithers RHN (1997) The mammals of Botswana. DSc thesis. University of Pretoria.

### Conference proceedings

1. Bourassa S (1999) 'Effects of child care on young children', *Proceedings of the third annual meeting of the International Society for Child Psychology*, International Society for Child Psychology, Atlanta, Georgia, pp. 44-6.

### Citations from Internet

1. The following elements in sequence must be considered: Author (if known), Date of publication/last updated, Title of article or document on website Type of medium [Online], Available from (website), Access date in brackets

2. Harris P (2005) Reaching the top of the mountain. [Online]. Oxford University Press: Oxford. Available: <http://www.netLibrary.com/openbook/093456/html> [Accessed 8 January 2008]
3. Useful tips for referencing. [Online]. Available: <http://www.referencetips.org.za> [Accessed 5 November 2008].
4. Lawrence JJ (2005) Cholera epidemics in central Africa. The Times, 26 June 2005. [Online]. Available: <<http://thetimes.com>> [Accessed 27 June 2005].

## Patents

Author(s) of patent – surname and initials Year of issue, Title of patent- italicised, Number of patent including country of issue Cookson AH (1985) *Particle trap for compressed gas insulated transmission systems*, US Patent 4554399.

## **Bibliography**

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## **List of Publications**

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