

Sunrise Institute of Engineering Technology & Management

APPROVED BY AICTE, HRD-MINISTRY NEW DELHI | AFFILIATED TO AKTU & BTE LUCKNOW | AKTU CODE: 527

CAMPUS: Korari Kalan, Achalganj Road Unnao 209801

A

SYNOPSIS

ON

“TITLE OF THE PROJECT”



Submitted in Partial Fulfillment

of the Requirements for the Award of the Degree of

Bachelor of Technology (B.Tech)

in

Branch Name

Under the Guidance of

Guide Name

(Designation)

Department of _____

Submitted By

Student Name

Roll No.: _____

SESSION: 2025-26

1. Title of the Project

Clear, concise, and technically relevant title.

Example: *“Design and Development of AI-Based Attendance Monitoring System”*

.2. Introduction

Brief overview of the project domain.

- Background of the problem
- Importance of the topic
- Current scenario in industry/academia

(Approx. 1–2 paragraphs)

3. Problem Statement

Clearly define:

- What problem are you solving?
- Why is it important?
- Who is affected?

(Precise and technical)

4. Objectives of the Project

List 4–6 measurable objectives:

- To design...
- To implement...
- To analyze...
- To evaluate...

5. Literature Review

- Summary of 3–5 existing research papers / systems
- Limitations of existing systems
- Research gap identified

6. Proposed Methodology

Explain:

- System architecture
- Tools & technologies used
- Algorithms/Techniques applied
- Flowchart or block diagram (attach separately if required)

7. Hardware & Software Requirements

Hardware:

- Processor:
- RAM:
- Storage:
- Other devices (if any)

Software:

- Operating System:
- Programming Language:
- Database:
- Frameworks/Tools:

8. Expected Outcomes

- What results are expected?
- Performance improvements
- Practical applications

9. Scope of the Project

- Future enhancements
- Scalability
- Industrial applications

10. Work Plan / Timeline

Phase	Activity	Duration
Phase 1	Problem Analysis	2 Weeks
Phase 2	Design	3 Weeks
Phase 3	Implementation	6 Weeks
Phase 4	Testing	3 Weeks
Phase 5	Documentation	2 Weeks

11. References

(IEEE format preferred)

Example:

1. Author Name, "Paper Title," Journal Name, Year.
2. Book Name, Author, Publisher, Year.

Formatting Guidelines

1. Paper Size & Quality

- Use **A4 size paper (210 mm × 297 mm)**.
- Paper should be white, good quality (70–80 GSM).
- Print on **one side only** (unless college permits double-sided).

2. Font Style

- Use **Times New Roman** throughout the document.
- Do not mix multiple font styles.
- Avoid decorative fonts.

3. Font Size

- Main Title: **16–18 pt, Bold, Capital Letters**
- Chapter Headings: **14 pt, Bold, Capital Letters**
- Subheadings: **12–14 pt, Bold**
- Body Text: **12 pt, Regular**

4. Line Spacing

- Use **1.5 line spacing** for the main text.
- Use **single spacing** for tables, figure captions, and references.
- Maintain uniform spacing throughout the document.

5. Margins

- Left Margin: **1.5 inches** (for binding)
- Right Margin: **1 inch**
- Top Margin: **1 inch**
- Bottom Margin: **1 inch**

6. Page Numbering

- Page numbers should be placed at the **bottom center** or **bottom right**.
- Preliminary pages (certificate, acknowledgement, contents) may use **Roman numerals (i, ii, iii)**.
- Main content should use **Arabic numerals (1, 2, 3)**.

7. Alignment & Paragraph Formatting

- Text alignment: **Justified**.
- First line indentation: **0.5 inch** (optional as per department rule).
- Maintain consistent paragraph spacing (no extra blank lines).

8. Headings & Numbering System

- Use proper hierarchical numbering:
 - 1. Introduction
 - - 1.1 Background
 - - 1.1.1 Problem Definition
- Maintain consistent formatting across all headings.

9. Tables, Figures & Diagrams

- Number all tables and figures sequentially:
 - Table 1.1, Figure 2.1 etc.
- Provide captions below figures and above tables.
- Diagrams must be clear and properly labeled.

10. Referencing Style

- Use **IEEE referencing format** (commonly preferred in AKTU).
- References should be numbered in square brackets [1], [2].
- Include complete details: Author(s), Title, Journal/Book, Year.
- All cited references must appear in the reference section.