

AI Tools for Learning

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AI Yathra – First Phase

1 Introduction

This manual demonstrates how to use **AI Tools** for effective learning. The following tools are covered:

- WiseMapping
- Napkin.ai
- ChatGPT
- Overleaf

The goal is to enable students and teachers to enhance learning outcomes using modern AI-based tools.

2 WiseMapping

2.1 Overview

WiseMapping is a free **mind mapping tool** for brainstorming and structuring ideas. Website: `https://app.wisemapping.com`

2.2 Key Features

- `Enter` → Add sibling topic
- `Tab` → Add child topic
- Export to PNG or share via cloud link

3 Napkin.ai

3.1 Overview

Napkin.ai is an AI-driven **infographic generator**. Website: `https://napkin.ai`

3.2 Steps

1. Sign in with Google.
2. Enter a topic (e.g., "Introduction to ML").
3. Customize text and visuals.
4. Export the final infographic.

4 ChatGPT

4.1 Overview

ChatGPT helps generate LaTeX slides and notes from prompts. Website: `https://chat.openai.com`

4.2 Example Prompt

> Give me 10 LaTeX Beamer slides for the topic "Introduction to ML"

Copy the LaTeX output and paste into Overleaf for compilation.

5 Overleaf

Overleaf is an online **LaTeX editor** for real-time document creation. Website: `https://overleaf.com`

1. Sign in → New Project → Blank Project.
2. Paste ChatGPT-generated code.
3. Click `Recompile`.

- Insert images, tables, and bullet points easily.
- Explore templates for CVs, reports, and books.
- Export PDF for sharing or submission.

6 Conclusion

AI Tools for Learning include:

- WiseMapping: Mind mapping
- Napkin.ai: Infographics
- ChatGPT: Code & content
- Overleaf: Document creation

These tools encourage hands-on exploration and creativity.