

AI Applications, Productivity & Future Skills



Learning Objectives:

- Use AI for research, productivity, and student engagement
- Apply AI in assessments & outreach
- Explore agentic AI & future classroom strategies
- Design mini-projects for teaching with AI

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Session Overview: Day-5

Focus Areas:

1. Research & Productivity Tools
2. Assessment & Outreach
3. Student Engagement
4. Agentic AI
5. Mini Project Design

AI for Research & Productivity

Tools:

- Microsoft Copilot – Summarizing reports
- Notion AI – Lesson planning
- Elicit.org – Literature review
- ScholarAI & ResearchRabbit – Paper search

Activity: Use Elicit.org or ScholarAI to find 2 papers on 'AI in education' and share one insight.

Demo: Microsoft Copilot & Notion AI

Hands-on Demo:

- Draft reflective report using Copilot [click here](#)
- Generate structured lesson plan in Notion AI [click here](#) Exemplar Lesson plan
- Using Elicit.org – for a research question [Literature review](#)
- Scholar AI – [Paper search](#)
- Research Rabbit – [Paper](#)

Reflection: How does AI reduce your workload in planning & documentation?

AI in Assessment & Outreach

Tools:

- Gradescope – [Auto-grading](#)
- Classkick – Interactive [assignments](#)

Activity: Use AI (Copilot/ChatGPT) to create rubric-based feedback for a sample student response.

AI for Student Engagement

Tools:

- Kahoot AI – Create interactive quizzes [click here](#)
- Quizizz AI – for AI-generated [quizzes](#)
- Mentimeter – for live polls. [Click here](#)
- Nearpod – to create interactive [lessons with quizzes and videos](#)
- Edpuzzle – to add questions to [educational videos](#).
- MagicSchool.ai – to [generate lesson plans](#) and assessments.
- Padlet – for collaborative [reflections and Q&A](#).
- Google Forms – [for quick feedback and exit tickets](#).
- Online Chatbot– [Build classroom chatbots](#)
- More Chatbot- [click here](#)

Activity: Design a chatbot idea (Homework Helper, School Info Bot, etc.) and share in chat.

Exploring Agentic AI & Future Classrooms

[Click here](#)

Tools:

- Auto-GPT – [Autonomous tasking](#)
- LangChain – [AI data interaction](#)

What is Agentic AI?

- **act autonomously**, make decisions, plan, and take actions toward goals, rather than just responding to prompts.
- In contrast, traditional AI are reactive — they wait for user prompts..

Discussion: 'What could an AI agent do in your teacher training institute if given autonomy?'

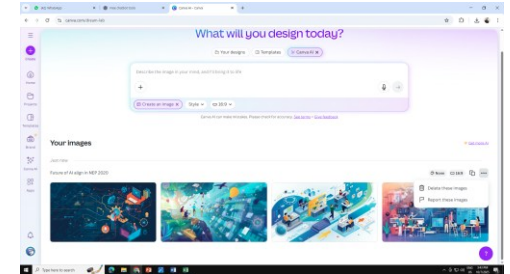
Designing AI Mini-Projects

Mini Project Ideas:

– Canva AI poster on [NEP 2020 theme](#)

– Padlet for student [reflection tracking](#)

– Scratch quiz game using AI logic



Sample Project Template

Project Title | Tools Used | Expected Outcome - NEP 2020

- **Digital Poster Creation | Canva AI | Infographics**
- **AI Quiz Game | Scratch | Interactive learning quiz**
- **Chatbot for FAQs | Quick student help bot**

Future Skills for Teacher Educators

- Creativity & Problem-Solving
- Digital Collaboration
- AI Literacy
- Ethical Awareness

Poll: Which skill is most crucial for educators – creativity, ethics, or adaptability?

Wrap-Up & Reflection

- **Research & productivity with AI tools**
- **Assessment automation**
- **Student engagement with chatbots & quizzes**
- **Agentic AI exploration**
- **Mini-project planning**

Resources for Continuous Learning

Useful Links:

- Canva Magic Write – <https://www.canva.com/magic-write/>
- Microsoft Copilot – <https://copilot.microsoft.com/>
- Notion AI – <https://www.notion.so/product/ai>
- Elicit.org – <https://elicit.org>
- Gradescope – <https://www.gradescope.com>
- Dialogflow – <https://dialogflow.cloud.google.com>
- LangChain – <https://www.langchain.com>
- Scratch – <https://scratch.mit.edu>

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