3RD YEAR · FOUNDATION TRACK

EDUCATION & TEACHER TRAINING

AI & Digital Productivity Program

AI for Lesson Planning, Learning Resources & Classroom Innovation

Learn AI. Teach Better. Inspire Every Learner.

19	120	0
DAYS	HOURS	CODE NEEDED

Education & Teacher Training Stream · 120-Hour Training Program · 19 Days

SECTION 1

Program Overview

This program is designed for Education & Teacher Training students who want practical digital skills and confident use of Artificial Intelligence in their studies and future careers. Every stream learns the same core AI and productivity toolkit; the classroom activities, home assignments and final projects are built around real Education & Teacher Training tasks.

HOW THIS TRACK WORKS

The Foundation Track is **tool-centred**: each day introduces a tool family, shows how it works, and lets students practise it on a Education & Teacher Training task. Every classroom activity has a **Stretch Goal** so fast or curious students always have a harder challenge.

Academic year mapping. For two-year programmes (e.g. M.Sc., M.Com., MBA, B.Ed.), run the Foundation Track in Year 1 and the Advanced Track in Year 2.

TARGET AUDIENCE

B.Ed., M.Ed., integrated ITEP (B.A.B.Ed. / B.Sc.B.Ed.), D.El.Ed. and related teacher-training programmes

ENTRY REQUIREMENTS

No programming or technical background required.

Learning Objectives

01 Understand AI and use AI assistants effectively and safely.

02 Research and verify Education & Teacher Training information from credible sources.

03 Analyse long documents and manage PDFs with AI tools.

04 Write professional Education & Teacher Training documents with AI assistance.

05 Create and deliver effective presentations.

06 Design visuals and generate AI images responsibly.

07 Organise information in spreadsheets.

08 Collect original data with Google Forms and visualise it.

09 Map ideas and processes visually.

10 Create short videos with AI voice and music.

11 Manage studies with productivity tools and use AI as a tutor.

12 Build a resume, LinkedIn profile and portfolio, and complete a Education & Teacher Training project.

SECTION 2

Program Structure

Phase	Days	Daily Load	Hours
Classroom Training	Days 1–15	4 hrs/day	**60**
Home Assignments	Days 1–15	2 hrs/day	**30**
Independent Project Development	Days 16–18	8 hrs/day	**24**
Final Project Exhibition	Day 19	6 hrs	**6**
Total	19 Days		**120 Hours**

Learning Journey

1	MODULE 1 **AI Fundamentals & Research Skills**	Days 1–3
2	MODULE 2 **Digital Writing, Presentation & Design**	Days 4–6
3	MODULE 3 **Data Handling & Information Management**	Days 7–9
4	MODULE 4 **Creative Content, Productivity & Career**	Days 10–15
5	PROJECT **Independent Project & Exhibition**	Days 16–19

DAILY FORMAT
4 hours classroom training + 2 hours home assignment, Days 1–15.

STRETCH GOAL
An extra challenge in every activity for students who finish early or already know the basics.

EXPECTED OUTPUT
Every day ends with a concrete deliverable that feeds the final portfolio.

RESPONSIBLE AI RULES FOR EDUCATION & TEACHER TRAINING

- Never upload children's names, photos or marks. Use fictional or anonymised data.
- Check AI content for factual errors and age-appropriateness before it reaches students.
- AI supports the teacher. It does not replace teacher judgement or assessment decisions.
- Teach students to use AI honestly and to disclose it.

DAY 01

MODULE 1 · AI FUNDAMENTALS & RESEARCH SKILLS

Introduction to AI, Prompting & Digital Safety

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Introduce AI assistants, effective prompting and essential digital safety through Education & Teacher Training examples.

HOUR 1

Understanding Artificial Intelligence

- What AI, Machine Learning and Generative AI are, at a basic level.
- How AI is changing study and work in Education & Teacher Training.
- What AI can and cannot do well; hallucinations.

HOUR 2

AI Assistants & Prompting

- ChatGPT, Gemini and Claude: chat interfaces, context and follow-ups.
- Prompt structure: role, context, task and output format.
- Improving weak prompts through iteration.

HOUR 3

Digital Safety Essentials

- Strong passwords, password managers and 2-Step Verification.
- Spotting phishing links, fake apps and fake 'free AI' sites.
- Never upload Aadhaar, passwords or confidential records to AI.

HOUR 4 · PRACTICAL ACTIVITY

Teacher Prompt Battle

- Generate a lesson starter, a worksheet and a parent note with AI.
- Compare basic vs improved prompts.
- Check age-appropriateness.

STRETCH GOAL

Ask AI to explain one concept for Class 3, Class 8 and Class 12.

TOOLS

ChatGPT, Gemini, Claude, Google Password Manager

HOME ASSIGNMENT · 2 HOURS

- Create a prompt notebook: 10 teaching prompts plus a child-data safety checklist.

EXPECTED OUTPUT

Teacher Prompt & Safety Handbook

DAY 02

MODULE 1 · AI FUNDAMENTALS & RESEARCH SKILLS

AI-Powered Research & Verification

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Find, evaluate and verify Education & Teacher Training information using search engines, academic platforms and AI research tools.

HOUR 1

Fundamentals of Digital Research

- General searching vs structured research.
- Keywords, research questions and Google search operators.
- Primary vs secondary sources.

HOUR 2

Academic & Official Sources

- Finding papers and reports on Google Scholar.
- Trusted sources for Education & Teacher Training: NCERT, DIKSHA, NEP 2020, NCF-SE 2023, ePathshala, UNESCO, ERIC.
- Reading abstracts, authors and dates.

HOUR 3

AI-Assisted Research

- Researching with Perplexity, ChatGPT and Gemini, with citations.
- Hallucinations and fake citations: how to catch them.
- Google Lens: copy text from printed pages and check OCR errors.

HOUR 4 · PRACTICAL ACTIVITY

Research a Teaching Method

- Research a method (flipped classroom, play-based learning).
- Use Scholar, ERIC and Perplexity.
- Separate evidence from hype.

STRETCH GOAL

Find an AI claim about 'learning styles' and check the evidence.

TOOLS

Google Search, Google Scholar, Perplexity, ChatGPT, Gemini, Google Lens

HOME ASSIGNMENT · 2 HOURS

- Write a verified note on one teaching method.

EXPECTED OUTPUT

Teaching Method Research Note

DAY 03

MODULE 1 · AI FUNDAMENTALS & RESEARCH SKILLS

Document Intelligence & PDF Toolkit

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Use AI and PDF tools to organise, understand and compare NCERT textbooks, syllabi and NEP / NCF documents.

HOUR 1

Understanding Long Documents

- Structure of NCERT textbooks, syllabi and NEP / NCF documents.
- Finding key information quickly in lengthy material.
- Tables, figures, references and appendices.

HOUR 2

Introduction to NotebookLM

- Creating a workspace and uploading sources.
- Source-grounded questions, summaries and comparisons.
- Checking every answer against the original.

HOUR 3

PDF Toolkit

- LightPDF / iLovePDF: merge, split, compress and convert PDFWord.
- OCR for scanned pages and spotting OCR errors.
- Organising documents in Google Drive folders.

HOUR 4 · PRACTICAL ACTIVITY

Talk to an NCERT Chapter

- Upload a chapter or NCF section to NotebookLM.
- Extract learning outcomes and key concepts.
- Check against the source.

STRETCH GOAL
Map the chapter to NEP competencies.

TOOLS
NotebookLM, LightPDF, iLovePDF, Google Drive

HOME ASSIGNMENT · 2 HOURS
- Create a chapter guide with 10 Q&As.

EXPECTED OUTPUT
Chapter Teaching Guide

DAY 04

MODULE 2 · DIGITAL WRITING, PRESENTATION & DESIGN

AI-Assisted Writing & Documentation

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Create structured, professional Education & Teacher Training documents using AI and digital writing tools.

HOUR 1

Professional Writing Fundamentals

- Formal vs informal writing; reports, notes and emails.
- Structure of a well-written Education & Teacher Training document.
- Writing clearly for different readers.

HOUR 2

Google Docs & MS Word

- Headings, tables, headers, footers and page numbers (quick recap).
- Voice typing in English, Hindi and regional languages.
- Sharing, comments and collaboration.

HOUR 3

AI-Assisted Writing

- Outlines and drafts with AI; Grammarly for grammar, clarity and tone.
- Rewriting for different audiences while keeping your own voice.
- Plagiarism, citations and responsible AI use.

HOUR 4 · PRACTICAL ACTIVITY

Lesson Plan Makeover

- Restructure a weak lesson plan into objectives, activities and assessment.
- Polish with Grammarly.
- Check accuracy.

STRETCH GOAL

Add differentiation for a struggling learner and an advanced learner.

TOOLS

ChatGPT, Gemini, Google Docs (voice typing), MS Word, Grammarly

HOME ASSIGNMENT · 2 HOURS

- Write a complete lesson plan and worksheet.

EXPECTED OUTPUT

Lesson Plan + Worksheet

DAY 05

MODULE 2 · DIGITAL WRITING, PRESENTATION & DESIGN

Presentation Mastery & Delivery

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Plan, design and deliver clear presentations on Education & Teacher Training topics using AI-powered tools.

HOUR 1

What Makes a Good Presentation

- Knowing the audience; one message per slide.
- Storytelling and information hierarchy.
- Choosing visuals, charts and images.

HOUR 2

AI Planning & Presentation Tools

- Generating outlines and slide text with AI.
- Canva, Gamma, Google Slides and PowerPoint.
- Editing and fact-checking generated slides.

HOUR 3

Delivery Basics

- Voice, pace and eye contact.
- Timing a talk and using speaker notes.
- Handling questions confidently.

HOUR 4 · PRACTICAL ACTIVITY

Five-Slide Class Presentation

- Build a five-slide lesson for school students.
- Use visuals over text.
- Teach it in 5 minutes.

STRETCH GOAL
Teach it with no slides using only questions.

TOOLS
Canva, Gamma, Google Slides, PowerPoint, ChatGPT

HOME ASSIGNMENT · 2 HOURS
- Create a 7–10 slide lesson presentation.

EXPECTED OUTPUT
Lesson Presentation

DAY 06

MODULE 2 · DIGITAL WRITING, PRESENTATION & DESIGN

Creative Design & AI Image Generation

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Apply design principles and AI image tools to create clear, attractive Education & Teacher Training visuals.

HOUR 1

Design Basics

- Colour, typography, alignment and contrast.
- Composition and visual hierarchy.
- Brand consistency across a set of designs.

HOUR 2

Working in Canva

- Templates, elements, text and layers.
- Free background removal with remove.bg.
- Free images from Unsplash, Pexels and Pixabay; exporting formats.

HOUR 3

AI Image Generation

- Text-to-image prompting: style, composition, lighting, aspect ratio.
- Canva AI, Gemini image generation and Ideogram (text in images).
- Labelling AI images; copyright and attribution.

HOUR 4 · PRACTICAL ACTIVITY

Classroom Visuals

- Create educational illustrations and a classroom chart with AI.
- Check accuracy and labels.
- Design a learning poster.

STRETCH GOAL

Make a bilingual version for a regional-medium class.

TOOLS

Canva (incl. Canva AI), Gemini, Ideogram, remove.bg, Unsplash / Pexels / Pixabay

HOME ASSIGNMENT · 2 HOURS

- Design a classroom visual pack.

EXPECTED OUTPUT

Classroom Visual Pack

DAY 07

MODULE 3 · DATA HANDLING & INFORMATION MANAGEMENT

Spreadsheet Fundamentals

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Use spreadsheets to organise, calculate and manage Education & Teacher Training information.

HOUR 1

Understanding Spreadsheets

- Rows, columns, cells and data types.
- Entering data and building structured tables.
- Formatting numbers, dates and units.

HOUR 2

Essential Functions

- SUM, AVERAGE, MIN, MAX, COUNT and COUNTA.
- IF and COUNTIF.
- Cell references, all without programming.

HOUR 3

Managing Information

- Sorting, filtering and removing duplicates.
- Data validation and drop-downs.
- Asking AI to explain a formula, then checking it yourself.

HOUR 4 · PRACTICAL ACTIVITY

Marks Register

- Organise fictional marks in Sheets.
- Calculate averages, grades with IF and counts with COUNTIF.
- Sort and filter.

STRETCH GOAL

Add conditional formatting for students needing support.

TOOLS

Microsoft Excel, Google Sheets, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Build a class marks and attendance workbook (fictional).

EXPECTED OUTPUT

Class Data Workbook

DAY 08

MODULE 3 · DATA HANDLING & INFORMATION MANAGEMENT

Digital Data Collection with Google Forms

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Design digital questionnaires, collect original data responsibly and prepare it for analysis.

HOUR 1

Survey Design

- Survey objectives and target respondents.
- Open and closed questions; rating scales.
- Avoiding biased, leading and confusing questions.

HOUR 2

Building in Google Forms

- Multiple-choice, checkbox, short and long answers.
- Sections, required questions and validation.
- Form design and response settings.

HOUR 3

Responses & Responsible Collection

- Linking Forms to Google Sheets.
- Consent and anonymity.
- Collect only what you need; keep data safe.

HOUR 4 · PRACTICAL ACTIVITY

Student or Parent Survey

- Design a survey on study habits or parent engagement.
- Pilot and fix wording.
- Link responses to Google Sheets.

STRETCH GOAL
Add a section in a regional language.

TOOLS
Google Forms, Google Sheets, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Collect 15 consented, anonymous responses for Day 9.

EXPECTED OUTPUT

Survey Dataset

DAY 09

MODULE 3 · DATA HANDLING & INFORMATION MANAGEMENT

Data Visualisation & Insights

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Turn the data collected on Day 8 into charts and clear, evidence-based observations.

HOUR 1

Understanding Data

- Qualitative and quantitative data.
- Mean, median, mode and percentages.
- Spotting patterns and outliers.

HOUR 2

Choosing the Right Chart

- Bar, line, pie charts and histograms.
- Matching the chart to the question.
- Recognising misleading charts.

HOUR 3

Building Visual Reports

- Creating and formatting charts in Sheets and Excel.
- An introduction to pivot tables.
- Using AI to interpret results while checking the maths yourself.

HOUR 4 · PRACTICAL ACTIVITY

Assessment Insights

- Chart survey or fictional marks data.
- Compare two groups of respondents.
- Write three observations for teaching.

STRETCH GOAL
Use a pivot table by topic or section.

TOOLS
Google Sheets, Excel, ChatGPT, Gemini

HOME ASSIGNMENT · 2 HOURS

- Prepare a one-page visual report.

EXPECTED OUTPUT

Assessment Data Report

DAY 10

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

Visual Thinking & Process Mapping

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Organise and communicate Education & Teacher Training ideas and processes visually.

HOUR 1

Visual Thinking

- Why visuals help understanding.
- Mind maps and concept maps.
- Brainstorming and grouping ideas.

HOUR 2

Timelines & Flowcharts

- Flowcharts and decision trees in diagrams.net.
- Timelines and step-by-step processes.
- Symbols, arrows and clear labels.

HOUR 3

Diagrams with Canva, Miro & AI

- Canva and Miro diagram templates.
- Asking AI to draft a diagram outline.
- Checking and correcting AI-generated steps.

HOUR 4 · PRACTICAL ACTIVITY

Concept Map & Lesson Flow

- Draw a concept map for a chapter.
- Map the lesson flow in diagrams.net.
- Check with the textbook.

STRETCH GOAL
Ask AI for the map and correct it.

TOOLS
diagrams.net, Canva, Miro (optional), ChatGPT

HOME ASSIGNMENT · 2 HOURS
- Create a concept map and lesson flowchart.

EXPECTED OUTPUT
Lesson Concept Map

DAY 11

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

AI Content Creation: Video, Voice & Music

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Produce short educational Education & Teacher Training content using AI-assisted scripting, video, voice and music tools.

HOUR 1

Content Planning

- Audience and purpose of digital content.
- Scripts and storyboards with AI.
- Titles, captions and hooks.

HOUR 2

Video Creation & Editing

- Canva Video, Clipchamp and CapCut: trim, text, transitions, captions.
- Short AI clips with Google Flow or Kling AI (free tier).
- Combining stock footage and your own clips.

HOUR 3

AI Voice & Music

- ElevenLabs voiceover or self-recorded narration.
- Suno for jingles and background music.
- Usage rights, free-plan limits and labelling AI content.

HOUR 4 · PRACTICAL ACTIVITY

Explainer + Learning Song

- Script a 60-second explainer for students.
- Edit with captions and voiceover.
- Create a short mnemonic song with Suno.

STRETCH GOAL

Make a regional-language version.

TOOLS

Canva Video, Clipchamp, CapCut, Google Flow / Kling AI, ElevenLabs, Suno, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Create a 60–90 second explainer and a learning song.

EXPECTED OUTPUT

Explainer Video + Learning Song

DAY 12

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

Personal Productivity & Digital Organisation

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Manage studies, tasks and resources with digital productivity tools.

HOUR 1

Personal Productivity

- Time management, goals and priorities.
- Daily, weekly and monthly planning.
- Breaking big tasks into steps.

HOUR 2

Notion & Trello

- Notion pages, databases and planners.
- Trello boards, cards and deadlines.
- Choosing the right tool for the job.

HOUR 3

Google Workspace Organisation

- Google Drive folders, naming and sharing.
- Google Calendar reminders.
- Google Keep for quick notes and checklists.

HOUR 4 · PRACTICAL ACTIVITY

Teacher Workspace

- Build a Notion planner for lessons and records.
- Trello for school tasks.
- Drive for resources.

STRETCH GOAL

Create a Notion lesson-plan template.

TOOLS

Notion, Trello, Google Drive, Google Calendar, Google Keep, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Set up your workspace and plan one teaching week.

EXPECTED OUTPUT

Teacher Workspace

DAY 13

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

AI as a Personal Learning & Language Assistant

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Use AI to learn difficult Education & Teacher Training concepts, practise and communicate in multiple languages.

HOUR 1

AI as a Tutor

- Explanations at different difficulty levels.
- Examples, analogies and follow-up questions.
- Checking AI explanations against textbooks.

HOUR 2

Learning Through Practice

- Quizzes, practice questions and mock tests.
- Flashcards with Quizlet or NotebookLM.
- Revision schedules.

HOUR 3

Language Assistance

- Grammar, vocabulary and spoken practice.
- Google Translate and Bhashini for Indian languages.
- Checking translations, especially technical terms.

HOUR 4 · PRACTICAL ACTIVITY

Quiz & Flashcard Lab

- Create quizzes and flashcards for a chapter.
- Make a bilingual worksheet.
- Check every answer.

STRETCH GOAL

Ask AI to write distractors that reveal common misconceptions.

TOOLS

ChatGPT, Gemini, NotebookLM, Google Translate, Bhashini, Quizlet (optional)

HOME ASSIGNMENT · 2 HOURS

- Prepare a learning kit: quiz, flashcards and revision plan.

EXPECTED OUTPUT

Student Learning Kit

DAY 14

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

Career Readiness & Professional Identity

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Use AI and digital tools for career planning, applications and a professional online presence.

HOUR 1

Career Opportunities

- Careers for Education & Teacher Training students: school teaching, edtech content, instructional design, tutoring, education NGOs.
- Identifying strengths and skill gaps.
- Reading real job descriptions.

HOUR 2

Resume & LinkedIn

- ATS-friendly resume structure; improving content with AI.
- Creating and improving a LinkedIn profile.
- Writing a short professional biography.

HOUR 3

Professional Communication & Portfolio

- Professional email in Gmail: subject, attachments, signature.
- Cover letters.
- A simple portfolio in Google Sites or Canva.

HOUR 4 · PRACTICAL ACTIVITY

Teacher Mock Interview

- Pick a role: school teacher, edtech content developer.
- Analyse its requirements with AI.
- Mock interview with demo lesson.

STRETCH GOAL

Tailor your resume to two postings.

TOOLS

ChatGPT, Gemini, Canva, Google Docs, Gmail, LinkedIn, Google Sites

HOME ASSIGNMENT · 2 HOURS

- Prepare a resume, LinkedIn, bio and portfolio.

EXPECTED OUTPUT

Teacher Career Kit

DAY 15

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

Innovation Challenge & Final Project Planning

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Identify a real Education & Teacher Training problem and plan a digital solution using the tools learned.

HOUR 1

Identifying Real Problems

- Observing problems in Education & Teacher Training and the community.
- Understanding the target audience.
- Choosing a problem worth solving.

HOUR 2

Idea Generation

- Brainstorming solutions with AI.
- Evaluating ideas for impact and effort.
- Defining objectives and users.

HOUR 3

Project Planning

- Choosing tools and deliverables.
- A realistic three-day plan.
- Project documentation and AI-use disclosure.

HOUR 4 · PRACTICAL ACTIVITY

Education Project Pitch

- Present a classroom or learning problem.
- Explain the solution, audience and tools.
- Get instructor approval before Day 16.

STRETCH GOAL

Ask AI to find risks for students in your plan.

TOOLS

ChatGPT, Gemini, Canva, Google Docs, Google Sheets, Notion

HOME ASSIGNMENT · 2 HOURS

- Write the project proposal with a three-day plan.

EXPECTED OUTPUT

Approved Project Blueprint

DAYS 16–18

Independent Project Development

Students work independently for three full days, applying everything learned to the project approved on Day 15.

DAY 16

8 HOURS · INDEPENDENT

Research & Project Foundation

Build the research foundation and prepare everything the project needs.

- Define the problem clearly and who benefits.
- Research with AI and credible Education & Teacher Training sources.
- Collect and verify information and references.
- Prepare the content structure and resources.
- Organise materials in Drive.

DELIVERABLES

- Research document
- Verified references
- Content outline
- Resource folder
- Updated plan

DAY 17

8 HOURS · INDEPENDENT

Project Creation & Development

Build the actual project with the AI and digital tools learned.

- Prepare the main content, documents and reports.
- Create graphics, posters or infographics.
- Prepare spreadsheets, charts or survey summaries.
- Create videos or presentations as needed.
- Combine components into one solution.

DELIVERABLES

- Main project output
- Supporting materials
- Visual resources
- Preliminary presentation

DAY 18

8 HOURS · INDEPENDENT

Testing, Refinement & Final Preparation

Improve the quality, accuracy and presentation of the project.

- Review content and verify every fact and figure.
- Fix spelling, grammar and formatting.
- Improve design; check all links and media.
- Complete documentation and AI-use disclosure.
- Rehearse the final presentation.

DELIVERABLES

- Completed project
- Documentation
- Final presentation
- Demonstration plan

DAY 19 · 6 HOURS

Final Project Exhibition & Presentation

30 min	Welcome, registration and project setup
30 min	Project exhibition and gallery walk
3 hr 30 min	Individual presentations, demonstrations and Q&A
45 min	Evaluation and feedback
45 min	Recognition, certificates and closing ceremony

PRESENTATION FORMAT

Each student: 5 minutes explanation, 3 minutes demonstration, 2 minutes questions. For larger batches, run parallel evaluation panels.

Each Student Demonstrates

01 Problem statement and why it matters	**02** Research and verification	**03** Live demonstration
04 Tools used and why	**05** Responsible AI practices	**06** Learning outcomes

SECTION 3

Suggested Final Projects

Students select one Education & Teacher Training project. The flagship project is recommended; alternatives suit different interests.

PROJECT 01

AI-Assisted Lesson Planning & Learning Resource Toolkit

Flagship: complete resources for one unit.

Deliverables: Lesson plans, worksheets, quizzes, visuals, video, song

PROJECT 02

Bilingual Worksheet Bank

Worksheets in English and a regional language.

Deliverables: 20 worksheets, answer keys

PROJECT 03

Chapter Quiz & Flashcard Set

Practice resources for one chapter.

Deliverables: Quizzes, flashcards, revision plan

PROJECT 04

Inclusive Learning Materials

Materials for diverse learners.

Deliverables: Adapted worksheets, visuals, guide

PROJECT 05

Parent Communication Kit

Templates for communicating with parents.

Deliverables: Letters, infographic, short video

PROJECT 06

Educational Song Series

Mnemonic songs for a subject.

Deliverables: Three songs, lyrics sheet, video

PROJECT 07

Assessment Data Report

Analyse fictional class data.

Deliverables: Charts, insights, remedial plan

YOUR OWN IDEA

Propose Your Own

Students may propose an original project, subject to instructor approval on Day 15.

SECTION 4

Assessment & Evaluation

Classroom participation & practical activities	15%
Daily home assignments	20%
Project planning & development	15%
Final project quality & usefulness	35%
Final presentation & communication	15%
Total	**100%**

Final Project Evaluation Criteria

Relevance of the selected problem	Quality of research and verification	Effective use of AI tools	Effective use of general digital tools
Accuracy of facts and figures	Creativity and originality	Presentation and communication	

Tools Covered

Category	Tools	Category	Tools
AI Assistants	ChatGPT, Gemini, Claude	**Surveys**	Google Forms
Research	Google Search, Google Scholar, Perplexity, Google Lens	**Visual Thinking**	diagrams.net, Canva, Miro
Documents & PDF	NotebookLM, LightPDF, iLovePDF, Google Drive	**Video**	Canva Video, Clipchamp, CapCut, Google Flow / Kling AI
Writing	Google Docs (voice typing), MS Word, Grammarly	**Voice & Music**	ElevenLabs, Suno
Presentation	Canva, Gamma, Google Slides, PowerPoint	**Productivity**	Notion, Trello, Drive, Calendar, Keep
Design & AI Images	Canva AI, Gemini, Ideogram, remove.bg	**Language**	Google Translate, Bhashini, Quizlet
Free Images	Unsplash, Pexels, Pixabay	**Career**	LinkedIn, Gmail, Google Sites
Spreadsheets	Excel, Google Sheets	**Digital Safety**	Google Password Manager, 2-Step Verification

Tool selection can be adjusted for free-plan availability, institutional access and internet connectivity. No paid subscription should be compulsory for students.

SECTION 5

Expected Program Outcomes

After completing the 120-hour Foundation Track, students should be able to:

1	Use AI assistants confidently, responsibly and safely.
2	Find and verify Education & Teacher Training information independently.
3	Read and analyse long documents and manage PDFs.
4	Produce professional reports and presentations.
5	Design visuals and AI images with proper attribution.
6	Collect survey data and turn it into charts and insights.
7	Create short videos with AI voice and music.
8	Organise studies with productivity tools.
9	Prepare a professional resume, LinkedIn profile and portfolio.
10	Build a useful digital solution for a Education & Teacher Training problem.

Students who complete this Foundation Track continue to the **4th Year Advanced Track**, which builds on these tools with real Education & Teacher Training briefs, custom AI assistants, final-year project support and team projects for real clients.

3RD YEAR · EDUCATION & TEACHER TRAINING · FOUNDATION TRACK

Learn AI. Teach Better. Inspire Every Learner.

NO CODING REQUIRED · 120 HOURS · 19 DAYS