3RD YEAR · FOUNDATION TRACK

HEALTHCARE & MEDICAL SCIENCES

AI & Digital Productivity Program

AI for Health Education, Medical Research & Patient Communication

Learn AI. Communicate Health. Stay Evidence-Based.

19	120	0
DAYS	HOURS	CODE NEEDED

Healthcare & Medical Sciences Stream · 120-Hour Training Program · 19 Days

SECTION 1

Program Overview

This program is designed for Healthcare & Medical Sciences 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 Healthcare & Medical Sciences 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 Healthcare & Medical Sciences 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

MBBS, BDS, B.Sc. Nursing, B.Pharm, BPT, Medical Lab Technology and allied health programmes (subject to eligibility)

ENTRY REQUIREMENTS

No programming or technical background required.

Learning Objectives

01 Understand AI and use AI assistants effectively and safely.

02 Research and verify Healthcare & Medical Sciences information from credible sources.

03 Analyse long documents and manage PDFs with AI tools.

04 Write professional Healthcare & Medical Sciences 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 Healthcare & Medical Sciences 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 HEALTHCARE & MEDICAL SCIENCES

- This is NOT clinical training. AI must never be used for diagnosis, prescriptions or treatment decisions.
- Use only verified sources (PubMed, WHO, ICMR, textbooks) and check every medical statement.
- Never upload real patient data. Use fictional or fully sanitised data only.
- All patient-facing material must be reviewed by faculty before it is shared.

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 Healthcare & Medical Sciences 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 Healthcare & Medical Sciences.
- 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

Health Prompt Battle

- Ask AI to explain a disease or drug class simply.
- Compare three assistants and mark unsafe or vague answers.
- Write a safer prompt that demands sources.

STRETCH GOAL

Ask AI for a dosage and observe how it should refuse or caution; discuss why.

TOOLS

ChatGPT, Gemini, Claude, Google Password Manager

HOME ASSIGNMENT · 2 HOURS

- Create a prompt notebook: 10 safe study prompts plus a patient-data safety checklist.

EXPECTED OUTPUT

Health 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 Healthcare & Medical Sciences 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 Healthcare & Medical Sciences: PubMed, Cochrane summaries, WHO, ICMR, MoHFW, NFHS reports, standard textbooks.
- 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

Viral Health Claim Check

- Investigate a viral remedy or diet claim.
- Use PubMed, WHO and Perplexity.
- Record a verdict with evidence.

STRETCH GOAL

Find a fake citation produced by AI and prove it does not exist on PubMed.

TOOLS

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

HOME ASSIGNMENT · 2 HOURS

- Write a verified evidence note on one health claim with five sources.

EXPECTED OUTPUT

Health Claim Verification Report

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 medical literature, clinical guidelines and patient leaflets.

HOUR 1

Understanding Long Documents

- Structure of medical literature, clinical guidelines and patient leaflets.
- 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 a Guideline

- Upload a WHO or ICMR guideline to NotebookLM.
- Extract key recommendations and evidence levels.
- Check every answer against the PDF.

STRETCH GOAL

Compare two guidelines on the same condition and note differences.

TOOLS

NotebookLM, LightPDF, iLovePDF, Google Drive

HOME ASSIGNMENT · 2 HOURS

- Create a guideline summary with 10 Q&As and a flowchart of recommendations.

EXPECTED OUTPUT

Guideline Study Summary

DAY 04

MODULE 2 · DIGITAL WRITING, PRESENTATION & DESIGN

AI-Assisted Writing & Documentation

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Create structured, professional Healthcare & Medical Sciences 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 Healthcare & Medical Sciences 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

Patient Leaflet Makeover

- Turn complex medical text into a plain-language leaflet.
- Check readability and accuracy.
- Use Grammarly and AI carefully.

STRETCH GOAL

Translate the leaflet into a regional language and have a speaker check it.

TOOLS

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

HOME ASSIGNMENT · 2 HOURS

- Write a 2-page verified patient-education leaflet.

EXPECTED OUTPUT

Patient Education Leaflet

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 Healthcare & Medical Sciences 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 Health Talk

- Build a five-slide talk on a public health topic.
- Use one verified chart.
- Present in 3 minutes.

STRETCH GOAL

Deliver it to an imagined village audience with no jargon.

TOOLS

Canva, Gamma, Google Slides, PowerPoint, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Create a 7–10 slide health education presentation with sources.

EXPECTED OUTPUT

Health 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 Healthcare & Medical Sciences 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

Health Awareness Poster

- Design a poster on hand hygiene, anaemia or dengue.
- Use AI images carefully; avoid anatomical errors.
- Check every fact.

STRETCH GOAL

Use Ideogram for clear poster text and compare with Canva AI.

TOOLS

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

HOME ASSIGNMENT · 2 HOURS

- Design an awareness pack: poster, social post and infographic.

EXPECTED OUTPUT

Health Awareness 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 Healthcare & Medical Sciences 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

OPD & Inventory Sheet

- Organise fictional OPD or pharmacy inventory data.
- Calculate totals, averages and low-stock alerts with IF.
- Sort and filter.

STRETCH GOAL

Add validation so impossible values (e.g. negative stock) are blocked.

TOOLS

Microsoft Excel, Google Sheets, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Build a fictional clinic data workbook.

EXPECTED OUTPUT

Healthcare 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 Health Awareness Survey

- Design an anonymous survey on sleep, diet or screen time.
- Pilot and fix sensitive wording.
- Link responses to Google Sheets.

STRETCH GOAL

Add a clear consent statement and an opt-out.

TOOLS

Google Forms, Google Sheets, ChatGPT

HOME ASSIGNMENT · 2 HOURS

- Collect 15 anonymous, consented responses for Day 9.

EXPECTED OUTPUT

Health 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

Health Data Insights

- Chart your survey or NFHS data.
- Choose the right chart.
- Write three careful observations (no diagnosis).

STRETCH GOAL

Use a pivot table to compare two groups.

TOOLS

Google Sheets, Excel, ChatGPT, Gemini

HOME ASSIGNMENT · 2 HOURS

- Prepare a one-page visual report with three charts.

EXPECTED OUTPUT

Health Data Visual Report

DAY 10

MODULE 4 · CREATIVE CONTENT, PRODUCTIVITY & CAREER

Visual Thinking & Process Mapping

4 HRS CLASSROOM · 2 HRS HOME

LEARNING OBJECTIVE Organise and communicate Healthcare & Medical Sciences 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

Care Process Map

- Map a process: patient flow, lab sample handling or hand-wash steps.
- Draw in diagrams.net.
- Add a concept map.

STRETCH GOAL

Ask AI for the steps and correct them using an official SOP.

TOOLS

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

HOME ASSIGNMENT · 2 HOURS

- Create a process map and concept map for one topic.

EXPECTED OUTPUT

Healthcare Process 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 Healthcare & Medical Sciences 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

Health Explainer Video

- Script a 60-second awareness video.
- Edit with captions and voiceover.
- Add a disclosed jingle.

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 verified health awareness video.

EXPECTED OUTPUT

Health Awareness Video

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

Clinical Study Workspace

- Build a Notion tracker for subjects, postings and exams.
- Use Trello for assignments.
- Organise notes in Drive.

STRETCH GOAL

Use a Notion database to track revision by system or subject.

TOOLS

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

HOME ASSIGNMENT · 2 HOURS

- Set up your workspace and plan one real week.

EXPECTED OUTPUT

Academic 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 Healthcare & Medical Sciences 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

Learn a Tough Topic

- Pick a topic (ECG basics, acid–base, drug interactions).
- Learn with AI and verify against textbooks.
- Create 15 practice questions with answers.

STRETCH GOAL

Ask AI to quiz you in viva style for five rounds.

TOOLS

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

HOME ASSIGNMENT · 2 HOURS

- Prepare a study kit with flashcards and a revision plan.

EXPECTED OUTPUT

Medical Learning Toolkit

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 Healthcare & Medical Sciences students: clinical practice paths, public health, medical writing, pharmacovigilance, healthcare administration.
- 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

Healthcare Career Mock Interview

- Pick a role or programme (residency, nursing officer, MPH).
- Analyse its requirements with AI.
- Practise a mock interview.

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

Healthcare 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 Healthcare & Medical Sciences problem and plan a digital solution using the tools learned.

HOUR 1

Identifying Real Problems

- Observing problems in Healthcare & Medical Sciences 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

Health Project Pitch

- Present a patient-education or public-health problem.
- Explain solution and tools.
- Get instructor approval before Day 16.

STRETCH GOAL
Ask AI to find safety risks in your plan and address them.

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 Healthcare & Medical Sciences 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 Healthcare & Medical Sciences project. The flagship project is recommended; alternatives suit different interests.

PROJECT 01

AI-Assisted Patient Education Toolkit

Flagship: a verified, simple-language health education kit.

Deliverables: Leaflet, presentation, poster, video in a regional language

PROJECT 02

Hand-Hygiene / Anaemia Campaign

A campus or school awareness campaign.

Deliverables: Posters, video, survey insights

PROJECT 03

Medicine-Safety Guide for Families

Safe storage and use of common medicines.

Deliverables: Guide, infographic, short video

PROJECT 04

First-Aid Quick Guide

A visual first-aid guide.

Deliverables: Cards, poster, demo video

PROJECT 05

Nutrition Myths Campaign

Bust common diet myths with evidence.

Deliverables: Myth-vs-evidence document, posters, reels

PROJECT 06

Physiotherapy Home-Exercise Guide

A simple illustrated exercise guide.

Deliverables: Illustrated booklet, short videos

PROJECT 07

Study Kit for a Tough Subject

A complete revision kit for one subject.

Deliverables: Notes, maps, quizzes, flashcards

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 Healthcare & Medical Sciences 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 Healthcare & Medical Sciences problem.

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

3RD YEAR · HEALTHCARE & MEDICAL SCIENCES · FOUNDATION TRACK

Learn AI. Communicate Health. Stay Evidence-Based.

NO CODING REQUIRED · 120 HOURS · 19 DAYS