Start your AI learning plan

Understand. Verify. Build. Teach.

90-DAY PRACTICE ROADMAP

Days 1-30: foundations and verified tasks.
Days 31-60: guided projects and testing.
Days 61-90: capstone and independent defence.

Every project should include

A clear problem. Permitted data.
A baseline. A test plan.
Sources. A failure log.
AI-use disclosure. Human review.

Discuss an institutional programme
School learning | College workshops
Teacher development | AI & Robotics

Scan the company QR code

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Based on the AIMATRIX AI Frontier Teaching Guide, 31 October 2026. Full evidence and references appear in the guide. Programme durations are AIMATRIX recommendations.

Robotics & Quantum AI

Explore the frontier with realistic expectations.

PHYSICAL AI & ROBOTICS

Sense the environment.
Estimate the state.
Plan within constraints.
Act, measure and improve.

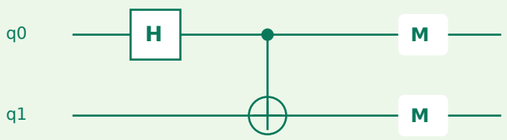
First project: test a low-voltage obstacle-avoiding vehicle in a supervised zone. Start with a rule-based controller and record failures.

QUANTUM AI: THREE AREAS

Quantum machine learning.
AI for quantum systems.
Quantum-inspired classical methods.

Learn the foundations first

Probability, vectors, linear algebra, optimisation and classical ML. Begin with a circuit simulator before using quantum hardware.



Example: H + controlled-X prepare an ideal Bell state; repeated measurement gives correlated 00 and 11 outcomes.

KEEP THE CLAIM PRECISE

A task-specific quantum advantage does not prove that quantum ML generally beats classical ML. A simulator does not provide a quantum speed-up.

Teachers: design for learning

An 18-hour professional learning pathway.

THE TEACHER PATHWAY

Foundations and responsible use: 3h
Grounded lesson design: 4h
Assessment and feedback: 4h
Multimodal resources: 3h
Workflow design: 2h
Microteaching and action plan: 2h

A dependable classroom method

Demonstrate an AI output.
Challenge it against trusted evidence.
Correct errors together.
Create a new independent response.
Reflect on what the learner decided.

TEACHER REVIEW COMES FIRST

Check correctness, syllabus fit, language and accessibility before classroom use. AI should not be the sole final judge of a learner.

Programme direction



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Founder & CEO
Certified AI
Master Trainer

AIMATRIX Global Services Private Limited
Anantapur, Andhra Pradesh, India

Professional, practical and evidence-led AI learning for institutions and educators.

AIMATRIX SKILLS

Empowering Minds with AI

31 OCTOBER 2026

THE AI FRONTIER

What to learn.
How to build.
How to teach.



AI / GenAI / AI Agents
Robotics / AGI & ASI / Quantum AI

For school students, Intermediate, degree learners and teachers.

OUTSIDE | A3 trim 420 x 297 mm | 3 mm bleed | four 105 mm accordion panels | print at 100% | fold marks outside trim

What the world is learning

Six capabilities that deserve attention now.

01 REASONING

Solve problems, check results and revise errors.

02 MULTIMODAL AI

Interpret text, images, charts, sound and video.

03 AI AGENTS

Use tools and feedback within human-approved boundaries.

04 DATA & RAG

Retrieve trusted information and check source support.

05 ROBOTICS

Connect sensing, planning and action through feedback.

06 EFFICIENT AI

Compare quality, speed, memory and resource use.

Global research examples
US: OpenAI and Anthropic.
China: DeepSeek, Qwen and Z.ai.
Research priorities overlap across regions.

Understand the intelligence

Capabilities, evidence and limits.

AI

Systems that perform tasks associated with intelligence.

GENERATIVE AI

Models that create text, images, audio, video or code.

AGENTIC SYSTEMS

A model plus tools, state and feedback to pursue a goal.

AGI

Broad general capability. Definitions and measurement remain debated.

ASI

Hypothetical intelligence beyond human capabilities across many domains.

Measure a profile, not a slogan

Check breadth, depth, reliability, learning, tool use and uncertainty. Parameter count or one exam score cannot establish general intelligence.

Reality check
This brochure does not establish achievement of AGI or ASI, or predict an arrival date.

School learning: GENESIS

A class-by-class progression with Bloom's levels.

4	**Foundation Spark**	L1 Remember
5	**Curious Builder**	L2 Understand
6	**Explorer**	L3 Apply
7	**Strategist**	L4 Analyse
8	**Innovator**	L5 Evaluate
9	**Architect**	L6 Create
10	**Pioneer+**	L6 Create + Synthesise & Lead

Bloom L1-L6 are the taxonomy levels. Synthesise & Lead is an AIMATRIX extension.

Make learning visible

Identify AI examples. Verify a passage. Analyse mistakes. Compare outputs. Create a project and explain your decisions.

Classes 1-3: teacher-led stories, sorting games and patterns.
For every level: protect privacy and offer an offline learning option.

Intermediate & degree

Build a foundation before specialisation.

INTERMEDIATE / 30 HOURS

AI foundations and verification: 4h
Prompting and grounded study: 5h
Data and spreadsheets: 6h
Python and introductory ML: 7h
Agents, robotics, quantum literacy: 3h
Capstone and oral defence: 5h

DEGREE / 60 HOURS

Python, data and statistics: 12h
ML and deep learning: 10h
LLMs, prompting and APIs: 8h
Retrieval and evaluation: 10h
Automation and bounded agents: 8h
Specialisation survey: 4h
Capstone and defence: 8h

Project ideas

Science: analyse a small dataset.
Commerce: build a sales dashboard.
Humanities: compare source-backed claims.
Technology: build a syllabus assistant with citations.

THE COMPLETION STANDARD

A working artefact, a baseline, a test report and an independent explanation.

Proposed AIMATRIX pathways. Hours establish a foundation, not mastery or a job guarantee.

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