# Training Course on Artificial Intelligence in Education

Professional Development Training Course Outline

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|---|---|---|---|
| **Category** | Artificial Intelligence And Block Chain | **Duration** | 5 Days |
| **Base Fee** | $1,500 USD | **Delivery Mode** | Online / On-site Hybrid |

## Course Introduction

The integration of **Artificial Intelligence (AI) in Education** is revolutionizing learning environments, enhancing personalized learning, automating administrative tasks, and equipping educators and students with intelligent tools for better outcomes. As digital transformation accelerates globally, AI's application in education has become a game-changer, offering scalable and adaptive solutions to meet diverse learning needs. This training course is designed to empower educators, instructional designers, and academic leaders with the necessary skills to harness AI technologies, including **machine learning**, **natural language processing**, **predictive analytics**, and **intelligent tutoring systems**, to create data-driven, student-centered learning ecosystems.

With a focus on practical implementation and real-world applications, the course covers the ethical implications, challenges, and opportunities presented by AI in the education sector. Participants will gain hands-on experience with AI tools and platforms, understand the fundamentals of **AI-powered education technology**, and develop strategies for integrating AI into curricula, assessments, and learning management systems. Whether you are a teacher, education technologist, or policy maker, this course equips you to lead in the era of **EdTech innovation** and digital transformation in education.

## Programme Curriculum

**Training Course on Artificial Intelligence in Education**

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**Course Duration**

5 days

**Course Objectives**

1. Understand the fundamentals of **Artificial Intelligence in Education (AIED)**.
2. Explore applications of **machine learning algorithms** in personalized learning.
3. Analyze **predictive analytics** for student performance and outcomes.
4. Implement **AI-powered adaptive learning systems** in classrooms.
5. Leverage **natural language processing (NLP)** in educational content.
6. Integrate **chatbots** and **virtual teaching assistants** in digital learning.
7. Examine ethical concerns and **AI bias** in education.
8. Apply **learning analytics** to monitor and improve student engagement.
9. Evaluate **intelligent tutoring systems** for individualized instruction.
10. Develop AI-supported **assessment and grading automation**.
11. Understand **data privacy laws** and compliance in EdTech solutions.
12. Design curriculum with **AI-enhanced instructional design** strategies.
13. Explore **emerging trends in AI EdTech**, such as generative AI tools in education.

**Organizational Benefits**

- Enhance teaching efficiency and **instructional delivery** with AI automation.
- Improve student learning outcomes through **personalized education pathways**.
- Reduce administrative workload with **AI-assisted data management**.
- Gain a competitive edge by adopting **cutting-edge educational technologies**.
- Foster innovation with a workforce skilled in **AI-driven EdTech solutions**.
- Ensure compliance with ethical standards and **data privacy regulations**.
- Boost institutional reputation by being a leader in **smart education practices**.

**Target Audience**

1. School Teachers & University Faculty
2. Instructional Designers
3. Curriculum Developers
4. Education Policy Makers
5. Learning & Development (L&D) Professionals
6. Educational Technologists
7. School Administrators

8. EdTech Entrepreneurs

**Course Outline**

**Module 1: Introduction to AI in Education**

- Definition and Scope of AI in Education
- History and Evolution of EdTech
- Current Trends in AIED
- AI Terminologies Simplified
- Importance of AI for Future Learning

**Module 2: Machine Learning in Education**

- Supervised vs. Unsupervised Learning
- AI Algorithms for Personalized Learning
- Predictive Modeling for Student Outcomes
- Real-world ML Use Cases in Schools
- Challenges in Implementing ML

**Module 3: Natural Language Processing (NLP)**

- NLP in Essay Scoring and Feedback
- Text-to-Speech and Speech Recognition
- ChatGPT and Conversational AI in Education
- Language Translation Tools
- Ethical Use of NLP in Classrooms

**Module 4: Adaptive Learning & Intelligent Tutoring Systems**

- What is Adaptive Learning?
- Benefits of Real-Time Feedback
- AI-Powered Learning Platforms
- Smart Content Delivery Systems
- Designing with Personalization in Mind

**Module 5: Learning Analytics & Data-Driven Decisions**

- What is Learning Analytics?
- Tools for Data Collection & Analysis
- Using Dashboards to Track Performance
- Real-Time Student Engagement Monitoring
- Predictive Analytics in Curriculum Planning

**Module 6: AI in Assessment & Grading**

- Automated Grading Tools
- Formative vs. Summative Assessments
- Real-time Feedback Systems
- Reducing Subjectivity in Evaluations
- Using AI to Detect Cheating and Plagiarism

**Module 7: Ethics, Bias & Privacy in AI**

- Understanding AI Bias in Learning Tools

- Data Collection Ethics
- GDPR & FERPA Compliance
- AI Transparency & Explainability
- Ensuring Fairness and Equity in AI Systems

**Module 8: Implementation & Strategy for AI in Schools**

- Planning for AI Integration
- Change Management for AI Adoption
- Teacher Training and Upskilling
- Budgeting and Infrastructure Needs
- Measuring Success and ROI

**Training Methodology**

- **Interactive Workshops** and hands-on sessions
- Real-world **case studies** from leading EdTech innovators
- Access to **AI tools and simulations**
- Group discussions, peer reviews, and collaborative projects
- **Online learning resources**, video lectures, and expert panels

**Register as a group from 3 participants for a Discount**

**Send us an email: info@fineskilltrainingcenter.org or call** *+254769199797*

***Certification***

*Upon successful completion of this training, participants will be issued with a globally- recognized certificate.*

***Tailor-Made Course***

*We also offer tailor-made courses based on your needs.*

**Key Notes**

**a.** The participant must be conversant with English.

**b.** Upon completion of training the participant will be issued with an Authorized Training Certificate

**c.** Course duration is flexible and the contents can be modified to fit any number of days.

**d.** The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

**e.** One-year post-training support Consultation and Coaching provided after the course.

**f.** Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

## Upcoming Scheduled Sessions

| Start Date | End Date | Location | Price |
|---|---|---|---|
| **23 Nov 2026** | 27 Nov 2026 | Online | $1,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $1,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $4,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |

Ready to enroll or request a customized program? Book online or contact us:

**Register Online Now**

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com