

SHORT COURSE

# Using Artificial Intelligence in Education

**Duration:** 2 full days (approx. 10-12 hours total)

**Mode:** Online

**Certification:** E-certificate of completion awarded.

## SHORT COURSE

# Learning Outcomes >

By the end of this 2-day workshop, participants will be able to :

1. **Explain** the fundamentals of Artificial Intelligence (AI) and its potential role in transforming education.
2. **Apply** AI-based tools to support teaching, learning assessment, and research.
3. **Analyze** the use of AI for personalized and self-directed learning.
4. **Evaluate** the challenges and ethical considerations in AI-powered education.
5. **Design** a lesson or activity that integrates AI applications into teaching practice.

**DAY  
01**

**SHORT COURSE**

**TOPIC 1 >**

**Introduction to AI in Education  
Topics:**

- 1.** What is Artificial Intelligence (AI)?
- 2.** Common AI applications in everyday life.
- 3.** Why AI matters in education.
- 4.** Global and local examples of AI adoption in schools and universities.
- 5.** Objective: Help participants understand the basics of AI and its potential in transforming education.

**DAY  
01**

**SHORT COURSE**

**TOPIC 2 >**

### AI Tools for Teachers and Students Topics

1. Content generation tools (e.g., ChatGPT).
2. Smart test creation and automated grading tools.
3. AI-powered learning platforms.
4. How students can use AI for study support and research.
5. Objective: Introduce participants to practical AI tools that simplify teaching and learning.

**DAY  
01**

**SHORT COURSE**

**TOPIC 3 >**

**Personalized and Self-Directed Learning  
with AI Topics:**

- 1.** Concept of Adaptive Learning.
- 2.** How AI creates personalized learning plans.
- 3.** Tracking academic progress using intelligent systems.
- 4.** AI Agent / Virtual Tutor: role as a personal teaching companion that supports learners individually.
- 5.** Objective: Explore how AI enables flexible and personalized education tailored to individual needs.

DAY  
02

SHORT COURSE

TOPIC 4 >

### Challenges and Ethics in AI-Powered Education Topics:

1. Over-reliance on technology
2. Data privacy and student information security.
3. AI and academic dishonesty (plagiarism, cheating).
4. Balancing benefits with potential risks.
5. Objective: Raise awareness about challenges and promote responsible use of AI in education.

**DAY  
02**

**SHORT COURSE**

**TOPIC 5 >**

**Practical Application – Designing a Lesson with AI Topics:**

- 1.** Group activity: divide participants into teams.
- 2.** Select a subject (e.g., English, Math, Science).
- 3.** Use an AI tool or AI Agent to design an activity or lesson plan.
- 4.** Present group outputs and discuss feedback.
- 5.** Objective: Provide hands-on experience in integrating AI into lesson design.

SHORT COURSE  
**Partners**

