AI+ Educator™

AI+ Educator Certification program is designed to equip educators with the knowledge and skills necessary to effectively integrate artificial intelligence into their teaching practices. This program covers foundational AI concepts, practical classroom applications, ethical considerations, and the latest trends in AI education. Educators will explore various AI tools, learn to develop AI-enhanced curricula, and understand the implications of AI in educational settings. The certification empowers educators to lead and innovate in an AI-influenced educational landscape.

Course Duration:

1 Day

Prerequisites:

- Educational Background: Basic understanding of educational theories and practices.
- Technology Engagement: Familiarity with digital tools and educational technology.
- Curriculum Development: Experience in lesson planning and curriculum design.
- AI Curiosity: Interest in the potential and application of AI in education.

Course Objective:

- Become a certified educator adept at enhancing learning experiences with AI.
- Explore and use AI-driven personalized learning solutions to customize student learning.
- Develop and use AI to improve student engagement, evaluation, and feedback.
- Consider ethics and prejudice mitigation when developing and using AI in education.
- Create and modify AI-enhanced curricula and interactive learning modules for creative teaching and learning.

Course Outlines:

Module 1: Foundations of Artificial Intelligence (AI) in Education

- 1.1 AI Basics
- 1.2 AI in Education Today
- 1.3 Impact and Future Prospects of AI

Module 2: AI in Classroom Teaching and Learning

- 2.1 AI-Driven Personalized Learning
- 2.2 AI Tools for Engagement
- 2.3 Implementing AI Strategies

Module 3: Ethical, Bias, and Sustainability Issues in AI

- 3.1 AI Ethics in Education
- 3.2 Addressing AI Bias
- 3.3 AI and Environmental Sustainability

Module 4: AI and Curriculum Integration

- 4.1 Curriculum Planning with AI
- 4.2 Interactive AI Modules
- 4.3 AI in Student Assessment

Module 5: AI for Administrative Efficiency

- 5.1 Streamlining Operations
- 5.2 AI for Student Services
- 5.3 Data Management and Analysis

Module 6: Data Literacy and AI

- 6.1 Fundamentals of Data Literacy
- 6.2 Data Analysis in Education
- 6.3 Data-Driven Decision Making

Module 7: AI-Enhanced Assessment and Feedback

- 7.1 Revolutionizing Assessments
- 7.2 Automated Grading Systems
- 7.3 Personalized Learning Paths

Module 8: AI Tools and Hands-on Experience

- 8.1 Exploring AI Tools
- 8.2 Practical Exercises
- 8.3 Evaluating AI Tool Effectiveness

Who should attend

- Data Scientists: Use AI and quantum computing to analyze and interpret complex datasets.
- Software Developers: Learn how to incorporate AI-driven quantum algorithms into software applications.
- Mathematicians & Statisticians: Apply AI and quantum techniques to advance mathematical modelling and statistical analysis.
- Researchers & Innovators: Explore new ways to apply AI in quantum computing for breakthrough discoveries.
- Tech Enthusiasts: Dive into the world of AI and quantum computing to stay ahead in the tech industry.