

Instructional Design with A.I.

Innovate. Personalize. Transform.



"AI-Powered Education: From Good to Great"

Embrace change, unleash opportunities as Artificial Intelligence (AI) revolutionizes how we do tasks, and switch from being operators to strategists.

Don't fear AI; lead with it!

Education's paramount purpose is the empowerment of students to realize their highest potential. In the B.A. (Before Artificial Intelligence) Era, administrative burdens and constraints on giving personalized feedback and designing individualized learning plans often limited our reach as educators. But now, with AI, these limitations are a thing of the past. The breadth of what we can plan and execute with our students is truly limitless.

As we welcome AI into our classrooms, let's inject our human touch, innovate, personalize, and catalyze a transformation in student learning experiences.

Introducing "Instructional Design with AI."

This course fuses education and AI, transforming educators into pioneers of the new educational era. Dive into the practical application of AI tools, learn to craft dynamic learning experiences, and redefine curriculum design.

This 24-hour online program, split into four flexible 6-hour modules, is your key to harnessing AI's potential. Pursue individual modules or the complete course to fit your needs.

Detailed module objectives and outlines are provided ahead. This is more than a course; it's an opportunity to lead the educational revolution.

The future of education is no longer a distant dream. It is here, waiting for your decisive action. Grasp it! Shape it!

Let's go from good to great, together.



Learning Objectives

This groundbreaking course empowers educators with the knowledge and skills to incorporate Artificial Intelligence into their curriculum design, planning, and assessments and above all provides insights into how the role of educators is likely to evolve going forward.

By the end of the course, participants will be able to:

- **Develop student-centered curriculum:** Create engaging, inclusive curricula using Universal Design for Learning and Understanding by Design principles.
- **Leverage AI for dynamic curriculum development:** Harness ChatGPT's capabilities to generate and refine learning objectives, lesson plans, activities, and assessments.
- **Personalize instruction through AI tools:** Develop tailored teaching strategies to meet the diverse needs of learners.
- **Create advanced assessments using AI:** Utilize AI to design higher-order thinking assessments, provide detailed feedback, and generate rubrics.
- **Navigate ethical considerations in AI education:** Understand the ethical implications and make responsible decisions regarding AI applications in the classroom.
- **Unleash the individual potential in the Age of AI:** Reflect on personal values and aspirations to humanize education in the digital era.

Who Should take this Course?



- School Teachers
- Curriculum Designers
- Instructional Coaches
- Academic/ Program Heads
- Principals and School Leaders
- Anyone interested in the intersection of AI and Education

Note: No prior knowledge of AI is required.

Course Modules

Module 1: Enhanced Learning Design with AI

(6 hours over 2 synchronous sessions)

Objective: Equip educators and curriculum designers with the knowledge and tools to leverage AI in the development of adaptive and personalized curricula.

Highlights:

- Understanding the Fundamentals of Curriculum Designing
- Recognising importance of skills, dispositions, and habits of mind in the learning process & role of different types of knowledge for future success
- Understanding the Experiential Learning Cycle and Bloom's Taxonomy and developing skills to use these frameworks to create effective learning objectives, enduring understandings, and essential questions.
- Using AI tools to support each step of the Learning Cycle and to help students move up the levels of Bloom's taxonomy to develop the 21st-century skills

Module 2: Harnessing the Power of AI in Rethinking Assessments

(6 hours over 2 synchronous sessions)

Objective: Understand the immense potential of AI in designing assessments with the help of multiple relevant use cases.

Highlights:

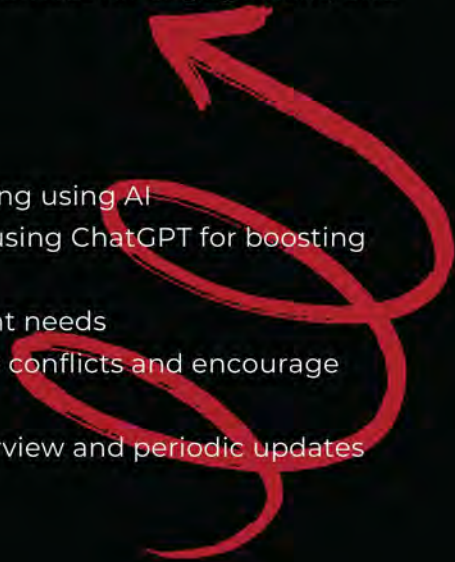
- Employing AI in rethinking Assessment Design including, establishing clear learning criteria and aligning experiences, assessments, and learning objectives.
- Leveraging diverse assessment tools enhanced by AI
- Generating authentic demonstrations of learning with AI that prioritize purpose and relevance
- Creating differentiated assessments using AI based on an individualized understanding of the students including their motivations and needs
- Analyzing student data and creating structures that can help with specific, actionable, and timely feedback aided by AI throughout the learning process

Module 3: Experiential Learning with AI

(6 hours over 2 synchronous sessions)

Objective: Planning experiential learning units and activities using AI. The module will explore how AI can support developing voice and choice, scaffolds for engagement, and personalized pathways.

Highlights:

- Comprehending the Experiential Learning Process
 - Co-creating plans that incorporate Project-Based Learning using AI
 - Designing classroom instruction in an experiential unit using ChatGPT for boosting student engagement
 - Strategizing with AI assistance to cater to diverse student needs
 - Using AI to enhance the classroom environment, resolve conflicts and encourage collaboration
 - Creating AI-assisted parent communication for unit overview and periodic updates
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Module 4: Humanizing Classrooms in the Age of AI

(6 hours over 2 synchronous sessions)

Objective:

Foster self-awareness and reflective practices so that educators can identify the key aspects of their evolving role, navigate the rapidly changing landscape and expectations and reinvent themselves.

Highlights:

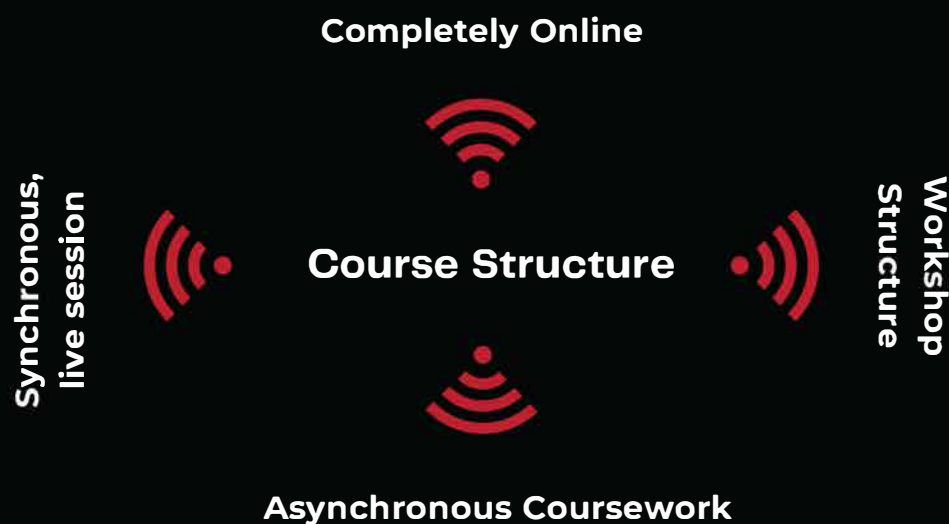
- Turning inwards and connecting with one's beliefs, fears, and challenges so that limiting mental models can be unlearned
- Learning to create safe spaces for children to learn and appreciate the importance of relationships in the learning process
- Reflecting on how the role of the teacher will change with the wide adoption of AI
- Shifting the perspective toward AI as a tool that serves us instead of replacing us and realignment of how we approach learning and teaching

Course Design Highlights

- **Active Learning and Involvement** (Brain-based principles): The content and pedagogy of the course are designed to seek active involvement from the participants. To ensure this happens, certain pedagogical principles are embedded in the lessons.
- **Focus on Peer Learning:** The program advocates the pedagogy of learning in groups & teams. Courses and tasks are designed to provide room for peer learning and alongside make the participants recognize the strength of collaborative learning and group work.
- **School-Based Model of Teacher Development:** The program provides a robust teacher development model and relevant coaching tools that can be easily integrated and adapted within existing systems and structures.
- **Circle of Practice:** After each module, teachers are encouraged to apply the strategies and tools that they have learned so that they become fluent in using these tools.

Note:

Each module can be pursued separately as each has a distinct purpose & learning outcomes. There would be Certificates of Participation awarded for individual modules. Those who pursue all four modules will be awarded a Certificate in Instructional Design with AI, as it would give them an insight into all aspects of Instructional Design using AI.



Course Faculty



Smriti Jain: Smriti has been a teacher for over two decades and worked extensively on developing a project-based learning curriculum while working on instructional coaching. Smriti has a Masters in Learning, Teaching and Instructional Leadership from the Harvard Graduate School of Education, Harvard University.

Dr. Tapaswani Sahu: Dr. Sahu has been involved with several school reform projects focusing on curriculum planning & implementation, professional development of teachers, and assessment and evaluation of children. Tapaswini has a Doctorate in Educational Psychology from J.N.U. and an M.Phil in Education from Cambridge University.



Sameera Sood: Sameera has a Masters in Child Development from SNDT University, Mumbai, and has worked as a teacher, teacher-educator, and curriculum developer. She has anchored instructional design and curriculum development projects for leading Indian and international organizations including Xseed, Bharti Foundation, Tata Classedge, and Bridge International Academy.

Ankita Dev: Ankita brings 12 years of rich professional experience from the finance and education sectors, the latter half dedicated to classroom teaching, curriculum design, and teacher training. She's currently teaching faculty at I Am A Teacher, focusing on curriculum studies, assessment frameworks, and edtech.



Ms. Jayanthi Nayak: Jayanthi has a background in science, environmental education and classical music and over 20 years of experience as a mentor and teacher educator. She has designed and implemented teacher professional development, girl child education, leadership, and curriculum development modules for multiple government projects.



I am a
teacher

AWAKEN THE LEARNER WITHIN

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