

Integrating Artificial Intelligence into Classroom Teaching

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1. Introduction & Context Setting

- Welcome and session overview
 - Why AI in education today? (Indian school context)
 - Key challenges faced by teachers:
 - Time constraints
 - Diverse learning levels
 - Engagement & assessment pressure
 - What this session will *and will not* do (setting right expectations)
 - Learning objectives & outcomes for teachers
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2. Fundamentals of Artificial Intelligence for Educators

- AI explained in **simple, non-technical language**
 - AI vs traditional digital tools (smart boards, PPTs, LMS)
 - What AI *can* do and what it *cannot* do in classrooms
 - Real-life school examples of AI usage
 - Ethical considerations:
 - Bias
 - Over-dependence
 - Student originality
 - Responsible AI usage mindset for teachers
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3. AI-Enabled Lesson Planning & Teaching Strategies

- Using AI to design lesson plans faster
- Adapting the **same topic** for:
 - Primary students

- Middle school
 - Senior secondary
 - Supporting differentiated instruction
 - Activity:
 - Live demo of topic planning across grades
 - Teacher participation & discussion
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4. AI in Assessment, Evaluation & Academic Content Creation

- Creating worksheets, assignments, and tests using AI
 - Designing:
 - Competency-based questions
 - Higher-order thinking questions (HOTS)
 - Generating rubrics and evaluation criteria
 - Maintaining academic integrity:
 - Preventing misuse
 - Teacher-controlled AI usage
 - Practical examples aligned with CBSE patterns
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5. Enhancing Student Engagement through AI

- Personalised learning concepts explained simply
- Supporting:
 - Slow learners
 - Average learners
 - Advanced learners
- Creating interactive activities:
 - Quizzes

- Discussions
 - Reflection prompts
 - Encouraging curiosity while maintaining classroom discipline
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6. AI for Teachers' Professional Productivity

- Automating routine academic tasks:
 - Notes
 - Reports
 - Communication drafts
 - Creating:
 - Teaching aids
 - Presentations
 - Visual explanations
 - Using AI for self-learning and professional growth
 - Time management & reducing teacher burnout
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7. Responsible AI Usage & School-Level Implementation

- Data privacy and student safety basics
 - Monitoring and guiding student AI usage
 - Classroom-level AI rules & boundaries
 - School-level AI guidelines and best practices
 - Aligning AI usage with educational values and policies
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8. The Future of Teaching in an AI-Driven World

- How the teacher's role is evolving (not reducing)
- Future-ready skills for educators
- Human touch vs technology balance
- Preparing students for AI-enabled careers responsibly

9. Interactive Q&A and Practical Demonstrations

- Addressing real classroom challenges shared by teachers
- Live demos based on participant questions
- Practical tips teachers can apply *from the very next day*

Training Outcomes

By the end of this session, participants will be able to:

- Understand AI concepts relevant to school teaching
- Use AI confidently for lesson planning and assessments
- Enhance student engagement and personalised learning
- Apply AI responsibly and ethically in classrooms
- Save time and improve teaching effectiveness