

Future-Ready Classroom with AI

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Introduction

- Education is changing due to technology, learner needs, and societal demands
- Traditional teacher-centered classrooms are no longer sufficient
- Students need skills, not just information
- Purpose of this session:
 - Understand *Future-Ready Classroom*
 - Know *why it is needed*
 - Learn *how AI supports teachers* (not replaces them)
- Focus on **practical classroom use**, not technical knowledge
- Aligned with **NCERT initiatives** and **NEP 2020**

What Is a Future-Ready Classroom?

A classroom that prepares students for:

- Future learning
- Careers
- Social and ethical responsibilities

Focuses on **skills along with subject knowledge**

Promotes:

- Critical thinking
- Creativity
- Communication
- Collaboration
- Ethical decision-making

What a Future-Ready Classroom Is NOT?

- Not fully digital or paperless
- Not technology-driven without purpose
- Not replacing teachers with machines
- It is **adaptive, inclusive, and learner-centered**

Why Do We Need Future-Ready Classrooms?

Changing Nature of Knowledge and Work

1. Information is easily available
2. Memorization is less important than:
 - Understanding
 - Analysis
 - Application
3. Future jobs require:
 - Adaptability
 - Digital literacy
 - Lifelong learning

Changing Student Needs

1. Changing Student Needs
 2. Students are exposed to technology early
 3. Attention spans are shorter
 4. Prefer:
 - Interaction
 - Real-world relevance
 - Active learning
 5. Traditional lecture methods often fail to engage learners
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Why Do We Need Future-Ready Classrooms?

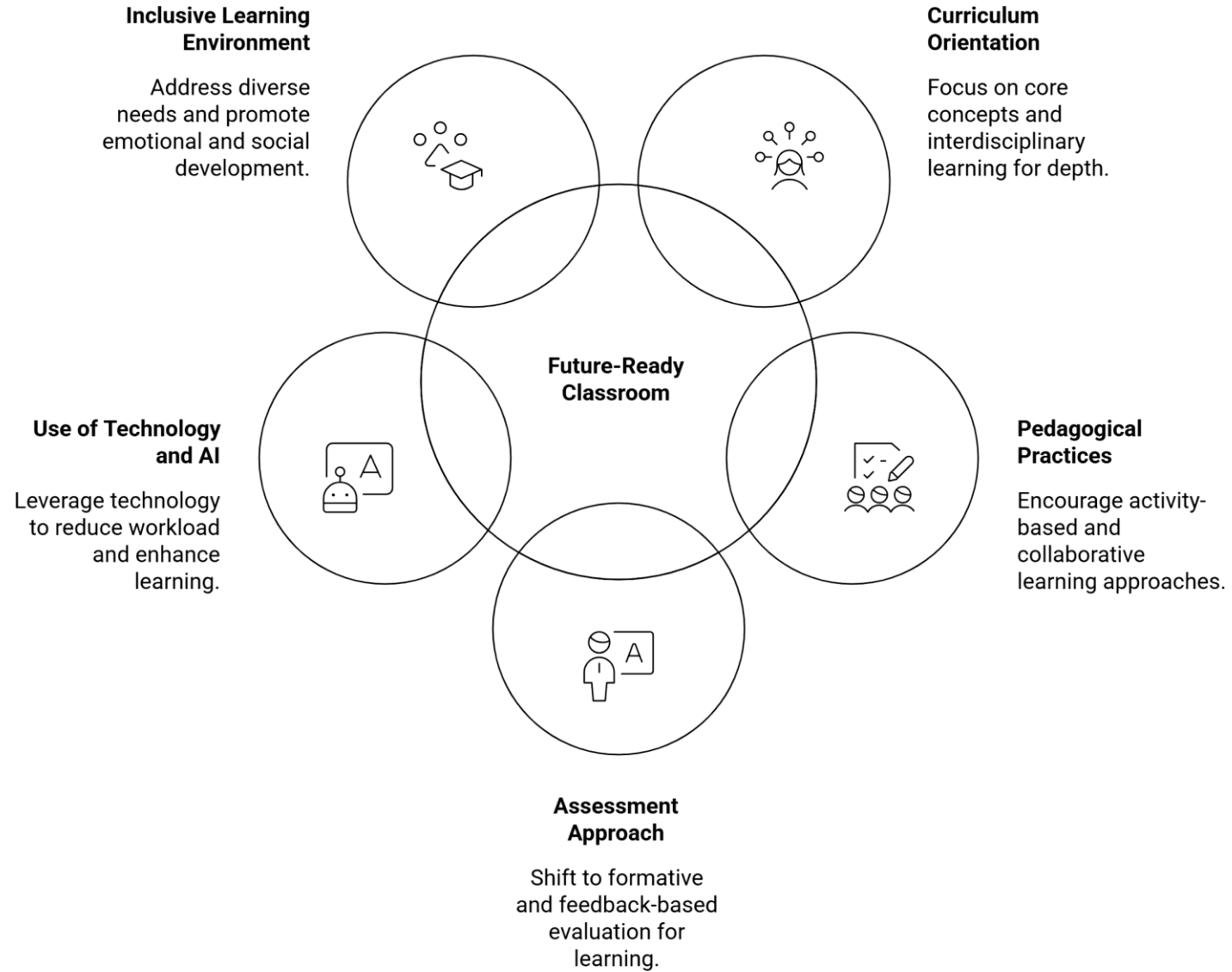
Policy and Curriculum Expectations (India)

NEP 2020 emphasizes:

- Competency-based education
- Experiential and inquiry-based learning
- Continuous and formative assessment
- Integration of technology and AI awareness

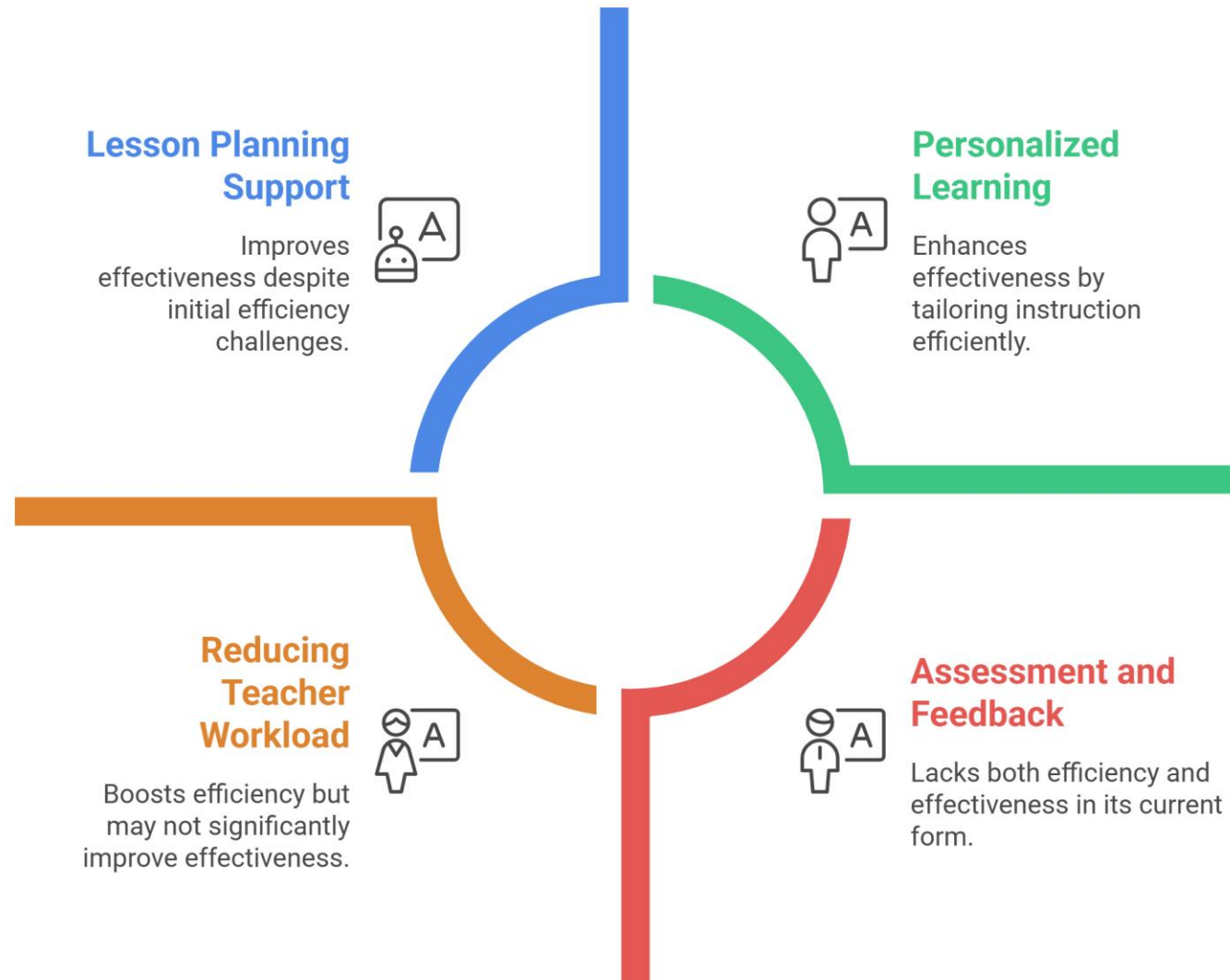
Future-ready classrooms help teachers **implement NEP 2020 smoothly**, not as an extra burden.

Key Components of a Future-Ready Classroom



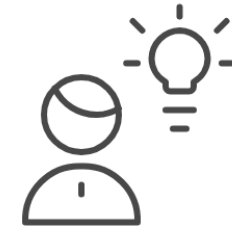
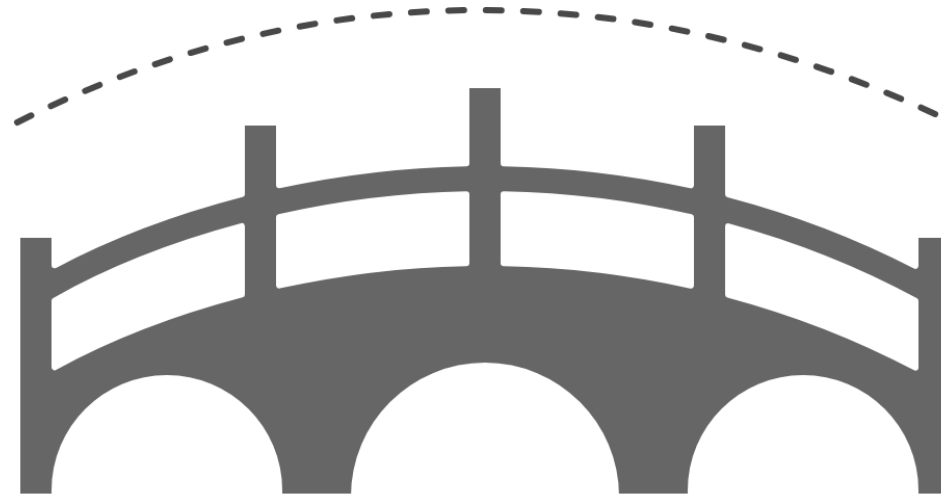
How AI Helps Teachers Build Future-Ready Classrooms

AI's Impact on Teacher Efficiency and Effectiveness



How Teachers Need to Get Ready for AI-Enabled Classrooms

Teachers transition to AI-enabled classrooms through mindset, awareness, and development.



AI Anxiety

Teachers fear technology's impact.

AI Confidence

Teachers embrace AI for enhanced teaching.

Using NotebookLM for a Future-Ready Classroom with AI

(Explanation + Live Demo Plan for Teachers)

Conclusion

- Education is evolving, and classrooms must evolve with it
- Future-ready classrooms focus on **skills, understanding, and adaptability**
- AI is a **support system**, not a replacement for teachers
- Teachers remain the **heart of the classroom**
- Small, thoughtful steps can make classrooms future-ready
- With the right mindset, teachers can confidently lead AI-enabled learning
- A future-ready classroom prepares students **not just for exams, but for life**

“Technology may change education,
but it is the teacher who shapes the
future.”