



EDITORIAL: INDIAN EXPRESS

GENERAL STUDIES 3: SCIENCE & TECHNOLOGY

TOPIC: : DEVELOPMENTS AND THEIR APPLICATIONS AND EFFECTS IN EVERYDAY LIFE

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Collaboration for the Intelligent Age in Education

- The **World Economic Forum (WEF) in Davos** highlighted the theme of “**Collaboration for the Intelligent Age**”, emphasizing the need for harmony between **humanity, nature, and artificial intelligence (AI)**.
- In education, this theme suggests a shift towards **integrating AI into learning** while ensuring that human consciousness and values remain central.
- Schools must **reimagine learning ecosystems** where technology and human intelligence work together to develop responsible and capable future generations.

Challenges in Modern Education

- The **biggest challenge** today is ensuring that education prepares students to address **global issues like climate change, technological disruption, and economic inequalities**.
- Schools must **move beyond traditional literacy** and focus on **equity, environmental awareness, and AI-driven learning**.
- The education system needs to encourage **creativity, problem-solving, ethical reasoning, and adaptability**, rather than just rote learning.

Blending Intelligence with Consciousness

- **Eckhart Tolle** emphasizes that the future of education should combine **intelligence (logical thinking, problem-solving, and adaptability) with consciousness (self-awareness, introspection, and emotional intelligence)**.
- AI can **enhance intelligence** by helping students **analyze data, process information quickly, and personalize learning experiences**.
- However, **human consciousness is irreplaceable**, as it allows for **empathy, creativity, emotional connections, and ethical decision-making**.
- Schools must ensure that **education fosters critical thinking and moral values**, not just AI-based efficiency.

AI's Growing Role in Education



- AI has become a **major force in education**, but its role is still **not clearly defined or fully understood**.
- The introduction of **ChatGPT and other AI tools** has shown both **positive and negative impacts** on students:
 - **Positive:** AI helps students **research, complete assignments, and explore new knowledge independently**.
 - **Negative:** Many students use AI tools **without effort or understanding**, leading to **dependency and lack of deep learning**.
- **Educators remain cautious** about AI due to issues like **misinformation (AI hallucinations), lack of human creativity, and ethical concerns**.

Preparing Teachers for AI Integration

- According to **UNESCO**, most **teachers lack training** in using AI effectively in classrooms.
- There is a **need for teacher training programs** that focus on:
 - **Using AI to personalize learning** based on student progress.
 - **Understanding how students engage with AI tools** and their learning patterns.
 - **Developing AI-based teaching methods** that support, rather than replace, traditional education.

Community Engagement in Learning

- Education should **not be limited to schools**—it must involve **parents, local communities, businesses, and government agencies**.
- Schools should **build partnerships** with different sectors to unlock **learning opportunities beyond textbooks**.
- By integrating **real-world experiences**, students can **gain practical knowledge, exposure, and skills** relevant to their future careers.

Preparing for an Unpredictable Future

- **Futurist Jamais Cascio** introduced the **BANI (Brittle, Anxious, Nonlinear, and Incomprehensible) model**, which explains why **traditional education methods may not be sufficient** for the future.
- The world is changing rapidly, and schools must:
 - **Prepare students for multiple possible futures** instead of following rigid curriculums.



- **Encourage flexibility and adaptability**, as future careers will be **driven by AI, automation, and innovation**.
- **Emphasize lifelong learning** to help students navigate **technological and societal shifts**.

Students as the Key to Change

- Students are the **true drivers of future change** because they will **shape and redefine the learning process** in ways that **adults cannot fully predict**.
- **Khalil Gibran's quote**—"Their thoughts dwell in the house of tomorrow, which you cannot visit, not even in your dreams"—highlights how young minds are naturally **connected to the future**.
- Instead of resisting AI, educators must **guide students to use technology responsibly**, ensuring that AI **enhances, rather than replaces, human learning and creativity**.

Conclusion

- The future of education lies in a **balance between AI and human intelligence**.
- Schools must **embrace technology** while ensuring that students develop **ethical awareness, emotional intelligence, and critical thinking skills**.
- By **adapting to change, integrating AI responsibly, and fostering community collaboration**, education can truly prepare students for a dynamic and intelligent future.

Source: <https://indianexpress.com/article/opinion/columns/what-ai-could-do-in-the-classroom-9817749/>