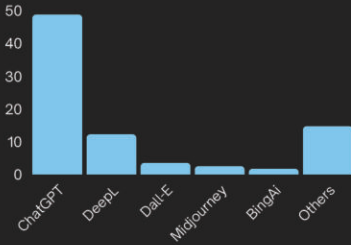


# THE IMPACT OF GEN AI ON EDUCATION AND COGNITIVE ABILITIES

Insights into The Usage, Motivations And Impacts of Generative AI in Education

## TOP GEN AI TOOLS USED



These popular tools are shaping the educational landscape by providing diverse functionalities that cater to different learning needs.

## GEN AI USAGE BY STUDENT FACULTY

Master's students use AI tools more frequently than Bachelor's and doctoral students.

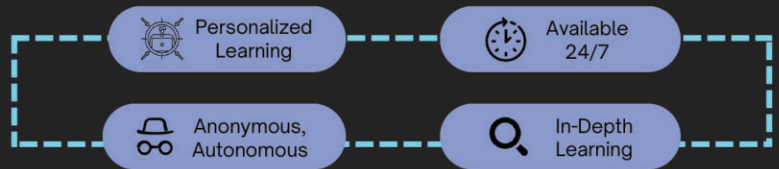
Engineering 75%	Maths & Natural Sciences 72%	Social Sciences 51%	Agriculture & Forestry 48%
Arts 73%	Humanities 61%	Health Sciences 53%	

## MOTIVATIONS TO USE GEN AI

### Eases Assignment Pressure



### Empowers Independent Learning

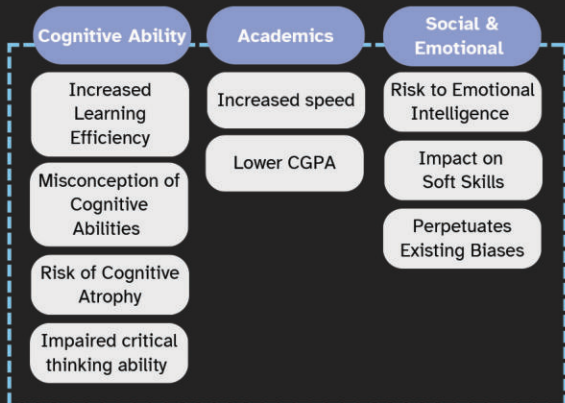


## MULTI-FACETED ROLE OF GEN AI

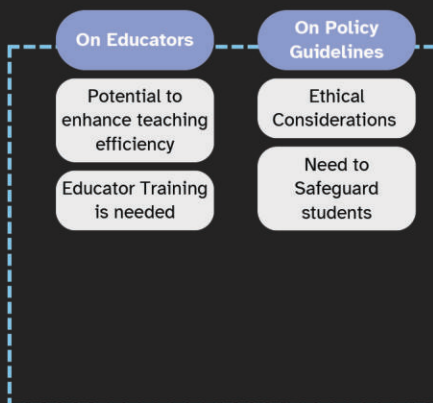


Both educators and students agree that exams with essays, computer code, multiple-choice, and short-answer questions are significantly influenced by generative AI

## IMPACT OF GEN AI ON STUDENTS



## IMPACT OF GEN AI ON OTHER STAKEHOLDERS



**78%**  
US teachers feel unequipped to use GenAI

**13 years**  
Is the age limit urged by UNESCO for AI in education

## RECOMMENDATIONS

