

Topic:

"Unethical Use of AI tools in Education and its consequences"

⇒ Outline:

1. Introduction

Thesis statement: The advent of AI chatbots escalated the unethical use of artificial intelligence (AI) in education. The free and unlimited access to AI is being exploited by various stakeholders in education. Keeping in view the consequences of this unethical use, ^{including} like violation of intellectual property rights and privacy rights, the advantages of AI seems to ^{dwindling} dwindle.

2. Implications of unethical use of AI in education.

3. How is AI being used unethically in education

a) Students, with AI access, use it to make assignments ~~altogether.~~

b) Unethical use of intellectual work to train AI models

c) Use of AI to source references without checking validity

d) Use of AI in education promote Bias

e) Students trade their personal data for AI services. ✓

Consequences of unethical use of AI in education.

a) Effects ^{on} ~~of~~ results due to technological disparity. ✓

b) Violation of intellectual property rights by use of AI for education. ✓

c) Spread of misinformation due to over-reliance on AI. ✓

d) Unethical use of AI by students cause dent to their critical thinking. ✓

e) Bias in AI algorithms creates echo-chambers for students. ✓

f) Lack of creativity could result in unemployment. ✓

Way forward to prevent the unethical use of AI in education.

a) Equitable distribution of technology in educational spaces. ✓

b) Promotion of proper citation practices in education. ✓

c) Train AI models ~~to~~ on human centric learning. ✓

Consequences

The Leviathan of AI is looming over our educational system, posing serious concerns for the stakeholders in academia. In the shocking

turn of events, a primary school in China made their pupil wear headbands that catches brain signals to monitor their attention.

This level of amalgamation of Artificial Intelligence in academia, created enough room for the ethical questions. Moreover, AI is

not only being used by authorities to rule their subject but also by students, who are the subjects in academia, to seek

assistance from AI tools. Due to the rising demand of AI, intellectual property is not left untouched, and the sole purpose is

to train these AI models. Therefore, these rising statistics of AI use in education,

that too unethically, do not come without ~~it~~ consequences. It caused the spread of

misinformation, creation of echo chambers, and a farewell to creativity. So, it is not

skeptical that the advent of AI chat bots escalated the unethical use of artificial intelligence. The free and unlimited access

to AI is being exploited by various state
holders in education. Keeping in view the con-
sequences of this unethical use, like violation
of intellectual property rights, the advantages
of AI seems to dwindle.

Furthermore, the launch of AI Chatbot
ChatGPT has caused an unprecedented response
in all the domains of human life. Despite
~~many~~ many referring it as a blessing, even
more are thinking of these chatbots as curse.
Of course, it is a blessing to get efficient
and quick response for students. But students
are using it to work for them. Nevertheless,
the even bigger ethical dilemma is the
intellectual property of hard-working human
writers is under threat. The tools which
are designed to assist humans should
only assist them, instead of replacing
them altogether.

To cater with the unethical use
of AI tools in education, there is need to
critically analyze how it is being used.
Even in the 21st century, there are
still disparities in the world and technological
disparity is one of them. Thus, those with

Students with unhindered access to technology use it to make their assignments altogether.

A research conducted by University of Melbourne in 2022, revealed that 22% of university students made their assignments with the help of ChatGPT while 43% of them used it to make their assignments altogether. Although there are no rules against this, but this kind of AI use is remain unethical.

Moreover, Artificial Intelligence is not only preventing students to work hard, but also ~~it is~~ stealing and exploiting the hard working writers. In simple terms, the writers who have worked hard to write the books ~~are the~~ have become the victims of the AI models. Their intellectual property is being used, without their consent, to train the AI Chatbot. The Atlanta in 2023, reported the use of 183,000 book without the permission their authors. Hence, another group of academia is being under the ethical concerns regarding AI tools.

It is true that the handlers of AI sowed the seeds to this ethical dilemma. But, the users of AI tools equally shares the blame. They, on one hand, use it to create their faulty research works, and on the other hand, give it a prompt to create citations. Again, they rely upon the citations provided by Chatbots. Consequently, this blind reliance on the part of students, researchers, and other educational stakeholders widening the ethical gap.

Eventually, in the world where these AI tools are becoming a necessity, the subjectivity is bound to increase. The AI chatbots claim to be unbiased but their responses unveiled that biased input they are trained with. For example, when one give prompt to Chatgpt to write a poem on a former USA President Trump, it would write a text that portray Trump as a cruel demagogue whereas, when given the prompt to write about Joe Biden, it portrayed him as a good-will president.

Thus, AI is being used, again unethically, to create political bias among the subject of educational sector.

Along with the right to information, or intellectually property rights being overlooked, the **privacy rights** are not alien to the immoral use of AI tool on the name of education. Students, unaware of being the victim, trade a huge sum of their personal data to the AI tools for the sake of services. This is outwardly a trade in the red. These AI tools constantly gather data of individuals which can be used without their consent. To put it in another way, the personal data of students is again under ethical threat in exchange for ~~and~~ unreliable information.

As per Newton's law, every action has a reaction, but the unethical actions have a relatively severe reactions. The ~~the~~ similar the unethical use of AI can lead our educational standards to their lows. The disparity in technological space can cause results' variation in academia.

This means, the students who do not have equal access to these smart tools and devices but are dedicated to get education, may suffer from poor grades and conventional information. On the other side, a student efficient in AI use would get good grades. Resultantly, the technological disparity would create social disparity as well.

Even since the use of AI has reached its peak, it had stirred a debate among intellectuals. The recent one is about the violation of the intellectual property rights of authors. Various authors have been putting their concerns before authorities about their work being use without consent. In the past year, BBC reported **Sarah Silverman**, and two other writers accused open AI and Meta for infringement of their property (intellectual) rights.

Moreover, the unchecked and no-question asked reliance of students on AI tools questions the validity of information obtained from these AI tools.

Due to the lack of awareness, and carelessness, a huge amount of misinformation is spreading. Students while working on their research paper do not check and re-read the response generated by AI. This cause a spread of misinformation which can further damage the foundations of education.

Another grave consequence of unethical use of AI tools for educational purposes is the erosion of the critical thinking. As they over rely on the information generated by AI, their self thinking and learning abilities paralyzes. It is again a kind of spoon-feeding against which scholars in academia tried to work alot. Hence, an advancement and development in technology is of no use, if it is not letting humans to think.

These deadlocks to the critical thinking when being reinforced again and again because of the continuous use of any single source, creates echo-chamber

The echochambers in technological term means, one is being taught an single ideology. The opposing view are being stopped to reach them. It is due to the data of individuals continuously being ~~gathered~~ to the AI tools and smart devices. This further deepens the moral downfall in education, as one can not see the other side of story.

Keeping in view, all the grave circumstances that comes with the unethical use of AI in academia, it is not wrong to say that in long run the AI tools can result in unemployment. The students when step in the professional life lack creativity and skills. As a result, they struggle to get a handsome job. That's how, the unethical use of AI tools in education created grave and unimaginable circumstances to the students in particular, and humanity in general.

~~Even~~. Still things have not gotten out of control. The tools which are made by man, can only be controlled

by their creator. The unethical use of AI can be prevented by various measures before they start ruling us. That's why there is dire need for the fair and equitable proliferation of technology to all the segments of society. But it should not be unlimited, there must be some reasonable restriction upon use of AI tools for making assignments. The plagiarism detecting software should be upgraded to stop the unbridled use of AI.

Moreover, student should be taught the proper citation practices. Along with this, there is also a need of teaching them the importance of intellectual property rights. So that they do not solely rely on the AI generated citations. This positive step can create a safe environment for the scholars who felt insecure due to the attack by AI models.

Furthermore, the AI experts need to train their model and chatbots on human centric approach that build ~~in~~ the ~~students~~ in particular, the

critical thinking ability. The AI experts while designing these tools keep in view the vitality of right information and that AI should be made to assist human not to replace them.

Henceforth, the old adage can be applied that "It's all about how we do things, we can cut apple with knife, or kill someone." But in AI's case, it's not all about how you use it, but how it is designed to use. The use of AI in education demands attentions of monitor. Only by monitoring and guiding its proper use can we save all the subjects in academia equally. At the end, humans are the one who design AI, they would definitely find the ways to regulate its use effectively.