

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, like violation of intellectual property rights and privacy rights, the advantages of AI seems to dwindle.

2. Implications of Unethical use of AI in education.

3. How AI is being use 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} 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 model. Therefore, these rising statistics of AI use in education, that too unethically, do not come without its 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 orders in education. Keeping in view the consequences 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~~ 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** books 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 create their faulty research works, and on the ~~to~~ other hand, give it ~~them~~ 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 their 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~~ 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 used 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 givenfed 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 monitors. Only by monitoring and guiding its proper use can ~~safe~~ 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.