

Unethical use of Artificial Intelligence tools in education and its consequences.

Outline

① Introduction

Thesis Statement: Artificial intelligence (AI) is ruling over humans in the globe. But, unethical use of AI tools in education has detrimental repercussion on Human beings. Therefore, there is high need of regulatory frameworks to curb the consequences of AI tools.

② Nexus between AI and education.

③ Unethical use of AI tools in education.

(a) Unethical use of AI spread disinformation among students.

(b) AI diminishes the cognitive thinking of students.

(c) AI provides the easy access of information for unethical hacking.

(d) Constant video surveillance in online exams raising concerns about student privacy invasion.

(e) Excessive surveillance eroding the trust and hindering a positive learning environment.

(f) Misuse of AI leading to inaccurate students assessments.

(g) AI-based machines in education become a job displacement for teachers.

④ Repercussion of the unethical use of AI tools in education.

(a) Increased stress and anxiety among students due to constant surveillance.

(b) AI-driven biased career guidance impacting student choices.

(c) Unethical use and sale of student's personal

data with consent.

- (d) Erosion of trust between students and educators.
- (e) Harm to reputation of institutions ~ Unethical Hacking
- (f) Negative perception of AI among people due to unethical education implementation.

⑤ Ways to curb the consequences of AI tools.

- (a) Regulatory frameworks are required to ensure the ethical use of AI tools.
- (b) Reforms in the institutions to sustain the ethical use of AI.
- (c) Replace low security machines with higher security based machines.

⑥ Conclusions

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"Men have become the tools of their tools"

(Henry David Thoreau). This statement shows that men are becoming the tools which are created by them. In temporary times, AI is ruling in every sector of the world. It is also leads human for becoming dependent on AI. One of the basic need of human beings is education and AI directly use in this. Unfortunately, unethical use AI tools in education is detrimental affects on human beings. However, there are many ways to ~~use~~ unethical use of AI tools in education. One of them is spreading disinformation among students. AI provide easy access of information for unethical hacking and it diminishes the cognitive thinking of students are few more unethical use of AI. Furthermore, constant video surveillance in online exam, raising concerns about student privacy invasion, misuse of AI leading to inaccurate student assessment, and excessive surveillance eroding the trust and hindering a positive learning environment. There are plethora of repercussions of the unethical use of AI tools such as increased stress and anxiety among students due to constant surveillance, AI driven biased career guidance and unauthorized use of personal data of students without his or her consent are a few more consequences of unethical use of AI in education. Moreover, erosion of trust between students and educators and harm to reputation of institutions due to unethical hacking are the unethical use of AI tools in education. There are multiple ways to curb the unethical use of AI tools in education such as reforms in the institutions to sustain the ethical use of AI. AI

is ruling over human beings. But, unethical use of AI tools in education has detrimental consequences on human beings. Therefore, there is high need of regulatory frameworks to curb the consequences of AI tools.

Artificial intelligence (AI) into education has revolutionized learning by providing personalised experiences and streamlining administrative tasks. AI-driven grading systems offer timely feedback, while virtual reality and chatbots enhance engagement. Despite these benefits, ethical considerations like bias and privacy must be addressed. As AI in education continues to evolve, it promises to equip students with essential skills and prepare them for a technologically advanced future. Striking a balance between innovation and responsible implementation is crucial for harnessing the full potential of AI in shaping the educational landscape.

There are plethora of ways to use AI unethically. One of them is spreading wrong information among students. In contemporary times, AI is involving in education drastically. But, it is also spreading disinformation which spread unethical use of AI. It is exemplified that by mimic human conversation, could generate and disseminate misleading information, influencing students for wrong information. Hence, unethical use of AI in education spreading disinformation among students.

Secondly, AI diminishes the cognitive thinking of students by using AI unethically. In recent times, students are depending on AI based tools in education. AI provides easy access to students for the specific arguments on related topic and it leads student to stop the cognitive thinking of student. According world economic forum, AI reduced mental exercise of students. Hence, ~~mental~~ cognitive thinking are threaten due to use of unethical use of AI.

Furthermore, AI provide easy access of information for unethical hacking is another detrimental use of AI. Due to hacking, the institutions are threaten by the hackers. AI is spreading information for hacking openly and hackers are prepare more for attacking to institution. It is exemplified by cyberattacks on the pentagon. Therefore, easy information for ~~hackers~~ is another way of unethical use of AI.

Moreover, constant video surveillance in online exam is raising concerns about student privacy invasion. Constant surveillance may lead unethical use of data of individual students. The internet service providers (ISPs) and websites collect the information of student during online exams and it can be used for selling to others for some financial gains. It is exemplified by the medical bureau, they provide access to records of more than 15 million individual to 750 insurance companies. Hence, video surveillance of student is another use of AI unethically.

Excessive surveillance in online education eroding the trust and hindering a positive learning environment is another unethical use of AI. Due to excessive surveillance students are ~~not learning~~ preventing the positive learning. The trust ~~and~~ of students are eroding the positive learning environment. According to reports of Equifax, one of the largest credit bureau in the United States, they make the records of more than 160 million consumers available to more than 50,000 business. Therefore, it's leading biased environment for students.

Additionally, misuse of AI leading to inaccurate students assessments is one of unethical use of AI. Student assessments by AI creating biased evaluation of exams. When AI algorithms are deployed without careful consideration and oversight creating biased grading and misinterpretation of students' abilities. It exemplified by automated grading of online courses on Coursera. Hence, the misuse of AI in terms of biased grading is the misuse of unethical use of AI.

Furthermore, AI-based machines in education become a job displacement for teachers as it is owing online tutor. Due to use of AI in education the AI-based robots are teaching in every field. ~~As~~ AI teachers are ~~stud~~ teaching every aspects of every topic easily than human with the full efficiency. ~~As~~ According to world economic forum (2023), 40% of IT teachers replaced by AI machines. Therefore, AI leads job displacement for teachers.

There are multiple consequences of unethical use of AI tools in education. One of them is increasing stress and anxiety among students due to constant surveillance. The students are facing continuous surveillance in education which leads them towards anxiety and stress. According to national institution of health (NIH), one in four were socially isolated and more than 40% experienced anxiety and stress. Therefore, use of AI affected the human beings.

Secondly, AI driven biased career guidance as it is leading impact on student choices. AI based mechanism works are now closed the doors for human beings for learning education and perform well. AI closed the room of jobs that is detrimental affect on student choice of learning and divert the minds towards IT based career. According to world economic forum, AI will eliminated 83 million jobs by 2027. Therefore, AI driven the career guidance of students.

Furthermore, unethical use and sale of student's personal data with other for some personal gains is another consequence of misuse of AI. The use of surveillance in AI based machines during education activities collect the data and information of students and teachers. After collecting data ISPs and institution sell that data to others. It is exemplified by national institutes of USA for media, almost 90% data are selling on different dark sites. Hence, personal data ecosystem is another repercussion of AI.

Moreover, unethical hacking is another ^{consequence} ~~way~~ to harm institution by hacking. Due to expanding AI unethical hacking is also prevail. It is also threaten the government institutions. It is ~~ex~~ exemplified by ~~Germany's~~ ~~meta~~ ~~law~~ national bank of Pakistan's hacking attack on 2019. Therefore misuse of AI prevail the unethical hacking.

There are multiple way to curb the consequences of AI tools. One of them is to reforms in the institutions to sustain the ethical use of AI. Secondly, regulatory frameworks are needed to ensure or prevent the unethical use of AI. Lastly, replace low-security system with high security system.

In quintessence, due to unethical use of AI in education, there is plethora of consequences of AI. One of them erosion of ~~po~~ data and information of students. Misinformation among students, Diminishing the cognitive thinking, and inaccurate students assessments are a few more unethical use of AI in education. Although, there are plethora repercussions ~~han~~ of AI such as stress and anxiety among students and ~~usell~~ selling data of students. However, by ensuring proper regulatory frameworks these repercussions can be diminished.