

UNETHICAL USE OF AI TOOLS IN EDUCATION AND ITS CONSEQUENCES

OUTLINE:

01) Introduction:

Thesis Statement: The unethical use of AI tools in education gives heavy setback to critical and rational thinking process. Therefore, regulatory frameworks can subdue the menace created by AI for prosperous and quality education.

02) Artificial Intelligence and its tools.

03) What are the unethical use of AI tools in education:

- a) A.I-powered tools for writing facilitate cheating
- b) Educators create syllabus outlines from AI-tools:
undermines academic integrity.
- c) Use of facial recognition to monitor behaviors and attendance: security and privacy concerns.
- d) Education gap between privilege and underprivileged students due to inequitable access to technology
- e) Creates copyright infringement and which creates lack of trust on students.

04) Consequences of unethical use of AI tools in education:

- a) Hinders the development of cognition system
- b) Erosion of trust between students and teachers
- c) Creates unnecessary stress and anxiety due to continuous surveillance of AI-tools.
- d) Amplify gender discrimination due to bias data on AI tools.
- e) Hinders the research ability of the masses
- f) Undermines the value of genuine learning and

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05) Ways to curb the unethical use of AI tools in education:

- a) Proper acknowledgment methods should apply in educational institutes to use AI tools.
- b) Regulatory frameworks to subdue the unethical use of AI and limits its interference in education.
- c) Awareness about AI generated content that they may contain biased or inaccurate data.
- d) Propagate information about AI tools in educational institutions for its ethical use.

06) Conclusion

Essay:

Human beings are strange species. They strive for new advancement and progress in their lives. They worked hard to transform their lives from stone ages to luxurious lifestyles. They bring industrial revolution to enhance growth and productivity. They delve into technology and upgraded the technological infrastructure from typing keyboards to touch screens and small technological gadgets. Unfortunately, all these advancements bring perils with their perks. One of the perils of technological advancement is progress in artificial intelligence (AI).

AI brings ease for human beings but its adverse immoral use gives heavy setbacks in every sector. In educational sector, the unethical use of AI is increasing at an unprecedented rate. The AI-powered tools for writing can facilitate cheating and undermine academic integrity. Also, it affects on the security and privacy by using facial recognition to monitor behaviors and attendance. Another unethical use of AI is, it brings educational gap between privilege and underprivileged students due to inequitable access to technology and creates copy infringement.

All these have However, it poses multifaceted consequences such as hinder the development of cognition system, erosion of trust between students and teachers and create unnecessary stress and anxiety. Moreover, the unethical use impacts the existing gender discrimination due to its biased data.

It also hinders the research ability of the students and teachers and undermines the value of genuine learning and hardwork. As, ~~every perk has perk and every perk has solutions to curb it.~~ So does every problem has a solution so does AI's unethical use has. It can be subdued by proper acknowledgement methods, regulatory frameworks and awareness about ethical use of AI in education and its biased data and content. In essence, the unethical use of AI tools in education gives heavy setback to critical and rational thinking process. Therefore, regulatory frameworks can subdue the menace created by AI for prosperous and quality education.

Before discussing the unethical use of AI and its consequence, first one has to cognizant about what is AI and its tools. Artificial intelligence is a science and simulation of human intelligence. It has ability to think and act like a human and process like human beings. In contemporary times, artificial intelligence has advanced to an unprecedented rate. ~~It creates~~ There are various tools present in the market or online which are AI-powered. Such as, Bard, Perplexity, AI and Chatgpt. They play crucial role in providing diverse information to the masses. However, they pose serious threat to human beings as well. But, the reality is humans

themselves use such tools in unethical manner which affect them adversely. ~~In the following discussion,~~

AI is used unethically in education sectors. One of its unethical use is, it facilitates students in cheating. ~~to~~ The AI-powered tools are using unethically across the world. Students are using such tools to solve their assignments and homeworks. Because, there is no regulatory frameworks and checks and balances on AI tools. They help students in generating full length essays, code generation and exam assistance. The tools are Bard.ai, perplexity.ai and chatgpt plus are widely used unethically in education. Thus, artificial intelligence is used unethically in education.

Moreover, the instructors are also using artificial tools to generate class outlines and syllabus. This act of the educators undermines academic integrity and their honesty towards students. AI tools generate everything on the prompt given to them. Therefore, teachers and professors are widely using such tools for their ease and time savings. It is exemplified by the template generation tool which generates syllabus and class outlines according to their understanding. Hence, the use of such tools hurt the academic integrity and true essence of education.

Similarly, the use of artificial intelligence for surveillance increases security and privacy concerns. In education sectors, the institutes are using facial recognition AI systems which provides them students attendance and their behavioral expression. Globally, technology is accessible to every individual at larger extend. The institutes use them to acquire students activities, attendance and behaviors. But, it increases concern about the data breach and unauthorised access to student's information. Such as, a cyber attack on Los Angeles unified school district compromised the data of over 820,000 students and employees. Therefore, it poses threats as well to the information of the students.

~~Apart from this, technology in deprived regions~~

Apart from this, in deprived regions technology is not available due to dearth of technological infrastructure and computer illiteracy. It escalates educational gap between privilege and underprivilege. In contemporary times, education is shifting towards online platforms and social media site. The students who are unable to access internet facilities will deprive due to such actions without equal distribution to all. It is exemplified by the New York City schools where achievement gap is huge between various groups due to unequal access of resources (New York Times News)

Hence, the inequitable access to technology creates disparity among various groups.

Furthermore, the unethical use of artificial intelligence creates copyright infringement issues. Copyright infringement is basically the use of other authors without their prior consents and permissions. The AI tools which are providing education information and research papers are doing are basically violating the copyrights permissions. The United States Copyright officials reported various issues around copyright and AI, including authorship and infringement concerns. Therefore, artificial intelligence is unethically used in education.

There are various consequences of unethical use of AI in education. One of them is, it hinders the development of cognition system of the students. The cognitive abilities are crucial for the masses to survive and spend valuable life in this advanced world. However, AI-powered tools diminished their ability by providing enough information and data at one page by just giving a single prompt. According to UNESCO Global Education Monitoring Report 2023, AI driven powered writing tools diminish the cognitive abilities of the students. Therefore, AI is given adverse impact on the student's ability.

Not only hinders development but also AI erodes the trust between students and teachers. It is due to copying entire data generated by AI and submit it to teachers without proofreading diminish the trust. In contemporary times, students are not interesting in traditional education style and they consider it burden on them. To release the burden of home assignments, they use AI tools, which is easily caught by teachers and erode trust. Such as, there are tools to identify the content generated by AI, one of the tools is Turnitin. It has feature to detect AI generated content. Therefore, such practices by students diminish the trust.

Moreover, the use of artificial intelligence in education impacts the psychological well being of the students and teachers. It creates unnecessary stress and anxiety due to continuous surveillance about their behaviors and actions. It hinders students and instructors to express their emotions and feelings. As, AI backed machines and systems are emotionless and biased as well. It is exemplified by the China's Surveillance system in schools and colleges. In various reports, it is pointed out that surveillance system caused mental health issues. Therefore, mental health becomes detrimental due to AI security systems.

Also, artificial intelligence machines are constructed by humans data and their perspective perception of the world. It amplifies gender discrimination because of biased data feeded in them. The AI tools are themselves generated by human beings who are biased and error prone. Therefore, by using such tools and their information exacerbate disparity among between women and men. It is exemplified by Amazon feature of sending job offers to masses, where the working AI only prefer men and avoid women to offer jobs for training interneers. It was due to system error. Therefore, such tools are not efficient enough to provide accurate information.

Similarly, artificial intelligence hinders the research ability of the masses. In traditional manner, for any essay writing and information gathering, human beings are exhaustively reading various research papers. However, with the advent of AI-powered information tools, this phenomenon reduced with impact on the researchers. Also, it spreads disinformation as well because AI tools are not efficient and credible in providing information. For example, AI tools are prone to manipulation in whatever way one provides prompt, it will give information regarding them without logical and critical reasoning. Thus, AI tool affects the research culture

in the education.

The unethical use of
Furthermore, artificial intelligence unethical use in education undermines the value of genuine learning and hardwork. The educators and students are simply giving prompt to AI tools and skim the information. The cheating facilitated by AI-powered tools undermines the value of genuine learning by eroding the trust in the educational system. People in academia are using tools immorally and spread information by portraying their hardwork. According to the World Economic Forum studies, the increasing sophistication of AI-powered tools has made easy for students to cheat and erode the genuine learning and devotion. Therefore, artificial intelligence use in education erode academic integrity.

All such issues and consequences of AI use in education can be curb subdued by taking pragmatic measures. Firstly, there is a high need of proper acknowledgment methods in education system about AI usage. The education ministries have to work on making policies to acknowledge that AI is intervening in education system. It will help the teachers to identify where they have to work for enhancing the quality of education in the realm of artificial intelligence usage in

education. This can be done by proper acknowledgement of the use of AI in areas and draft a policy to abstain students to use AI. Therefore, by acknowledgement, the true spirit of education can be ~~is~~ reinvigorated.

Moreover, the regulatory frameworks are necessary to subdue the increasing penetration of AI in education. AI role in education has increased due to its sophisticated tools for writing essays and solving assignments. It is considered as an unethical use of artificial intelligence which can be curbed by making regulatory frameworks for imparting quality education. It can be done by making policies and parameters to enhance education system with the lines of AI usage and working with AI companies to limit the use of AI through red tapism. Hence, this will help in reducing the unethical use of artificial intelligence in education.

The regulatory frameworks along with awareness about artificial intelligence generated content will help in diminishing the unethical use of AI in education. Awareness can be spreaded by media and ministries to education institutions that the content generated by AI is not always correct and biased. It is necessary to make aware students about this so that they make

remain refrain from the use of AI in solving their assignments and of research topics. It can be done by the inclusion of family and teachers to impart and spread information to students. Hence, it will help in curbing the unethical use of AI in education.

Last but not least, it is necessary to propagate information about the ethical use of artificial intelligence in education and also in every sphere. Ethical considerations are crucial to ensure responsible and beneficial use of AI tools. Globally, it is a high time that states should work to spread and foster open dialogue for the disadvantages posed by AI in education. It can be done by workshops and trainings with the help of global education forums. Thus, it will help in building a future where AI tools are used ethically and empower education.

To conclude, the artificial intelligence has a huge potential to uplift and empower education. However, in recent times, it is posing a threat to education by its unethical use. It can be manifested by the AI-powered tools which facilitate cheating, foster copyright infringement and also it undermines the academic integrity. It poses

Various consequences as well. Such as, hinders research culture, diminishes the advancement of critical thinking and amplifies gender discrimination due to biased data. Therefore, this detrimental situation of AI created in education can be resolved by regulatory frameworks and proper acknowledgement to foster quality education.

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Notes:

Kindly give ~~to~~ remarks on expression and tell how to resolve it!