

Name : Muhammad Shahzaib
LMS ID : 27925
Roll no : 329-CSS24-NOA-ISB1-2528
Batch : 329-CSS24-NOA-ISB1
Campus : Islamabad Campus-1

Q3. Unethical use of AI tools
in education and its consequences

Outline:

1. Introduction

Thesis Statement: The prevalence of unethical use of Artificial Intelligence in education has sent shocking waves among the educators globally as it has a number of negative consequences on both the students and the education system.

2. Artificial Intelligence: Recent Developments

3. Artificial Intelligence in Education

4. Unethical Use of Artificial Intelligence in Education

- 4.1. Use of AI tools for cheating
- 4.2. Use of AI tools for assignments solving
- 4.3. Use for privacy breach of students
- 4.4. Use by teachers for checking papers and assignments
- 4.5. Spread of false information among students

5. Consequences of Unethical Use of Artificial Intelligence in Education

- 5.1. Hindrance in the creativity and critical thinking of students
- 5.2. Fostering laziness
- 5.3. Lack of social development
- 5.4. Limited ability to learn
- 5.5. Unskilled and impractical learning

6. Recommendations to Improve the use of Artificial Intelligence in Education

- 6.1. Ban on AI tools for solving assignments and papers

6.2. Judging students on critical thinking.

6.3. Positive use of AI by the teachers and the students

6.4. Use of AI tools for self-assessment by students

6.5. Spreading awareness among the students

7. Conclusion

Artificial Intelligence is the most transformative and disruptive invention of the fourth industrial revolution. It has spread the waves of shocking globally much like pandemic. The recent developments in 2023 has raised concerns among the people as it has challenged the existence of humanity in the upcoming years. Its usage in every field is not freed of negative repercussions.

Its prevalence in the field of education has also caused concerns globally. Artificial Intelligence is being used in a number of ways unethically in education. Students are using it for solving their assignments, and for cheating purpose. Teachers are using it for checking papers and assignments. Moreover, it has also raised concerns for privacy breach of students and spread of false information among the students. Due to its unethical use in education, a number of concerns are being raised like hindrance in the creativity and critical thinking of students, fostering laziness, lack of social development and limited ability of students to learn. However, Artificial Intelligence can be used in a number of ways for positive development.

of students. There should be a wide range ban on its use for solving assignments and papers. Students should be judged on the basis of their critical thoughts and awareness should be spread among the students to avoid its unethical usage. The spread of Artificial Intelligence in education has raised ^{concerns} among the educators as it has a number of consequences on both the students and the overall education system.

Artificial Intelligence is the use of technology for ~~the~~ human like cognitive purposes. This field was discovered in 1950s but its usage become common in 21st century. However, with the invention of Chat-GPT and Midjourney like softwares, its usage become common. ~~#~~ Now,

it is being used in every field of life; from education to health, agriculture, transportation, politics, military and other related fields.

Artificial Intelligence is also used in the field of education. It is utilized by both the students and the teachers in a number of ways. AI tools like Chat-GPT are widely used by students for understanding difficult concepts, solving assignments, cheating in quizzes and papers and for other related functions. It is also used by teachers for checking purposes, surveillance on students and report making.

Artificial Intelligence is used by students and teachers unethically in a number of ways. They are misusing the technology which is affecting the education system negatively.

Their unethical usage has caused concerns among the educators.

Artificial Intelligence is used for cheating purposes. Students are using AI tools to solve their tests, quizzes and papers. The purpose of these tests, quizzes and papers is to test the level of knowledge and understanding of students. However, they undermine its purpose and solve all these type of tests through the use of Artificial Intelligence.

Moreover, Students are also using it for assignments solving. Assignments are being given by the teachers to make students learn the topic. But, unfortunately, students miss the opportunity of self-learning by the use of Artificial Intelligence and solve their assignments through unfair means.

In addition to that, teachers are also misusing Artificial Intelligence. They use it for paper and assignment checking. They also use it for report writing about the students which discusses the positive development and ~~negative~~ loop-holes of the students. However, teachers use AI tool to manipulate their assessment process.

Similarly, Artificial Intelligence is also used in a number of ways for privacy breach of students. There are a number of information which one tries to hide from others but unfortunately, now it is not possible due to the unethical use of Artificial Intelligence. So it is also used for the privacy breach of the students.

Artificial Intelligence provides sub-standard and unproven knowledge and information which sometimes, is false. However, it is used widely without double-checking which leads to the spread of false and manipulated information among the users.

This unethical usage of Artificial Intelligence has a number of negative repercussions. The process of creativity and critical thinking is being hindered due to its usage. Students do not use their cognition for understanding, rather they use AI tools as a short cut which undermine the process of learning. The purpose of education, in this way, is not served thoroughly among the students.

Moreover, the unethical use of Artificial Intelligence is fostering laziness. Students looking for shortcuts, paralyzed themselves mentally. The culture of hardwork is reduced in this way. Students who learn through these AI tools are generally passive and lazy in their daily-life.

In addition to that, the students relying on Artificial intelligence are then ~~not~~ socially developed artificially. They lack social norms. They do not know how to survive in society. Their cognition skills and mental abilities are always lagged behind. They feel difficult to survive in society. So, the usage of Artificial Intelligence unethically is breeding lack of social development among the students.

Like wise, their ability to learn and understand remained limited. They feel difficult to learn other things. The culture of rote learning and memorization also developed. Their screentime become massively increased and they feel difficult to understand anything beyond their rote learned concepts.

Similarly, through unethical usage of Artificial Intelligence for education, the learning become impractical. Students cannot use their knowledge for daily-life purposes. The function of education is to survive a better life; however, the ~~rote~~ rote learned knowledge cannot survive for long time. The knowledge and information learned remained impractical and the learner become unskilled and faced difficulty in surviving in the society.

As discussed earlier, the unethical use of Artificial Intelligence leads to a number of negative consequences and doesn't breed ~~not~~ any fruits. However, there are a number of ways through which students can learn to not to use AI & unethically.

Firstly, the usage of AI tools inside the premises of educational institutes should be banned. Recently, the United Kingdom ordered schools to ban the use of Chat-GPT in schools. The links and websites through which students access should be blocked as it will make students to use their own skills to solve assignments. It will also restrain students to use AI tools for cheating purposes. Moreover, it will make teachers bound to use their prior knowledge for

for the betterment of students. Teacher will also check assignments and papers by themselves and will be able to make an impactful report about the progress of the students.

Moreover, students should be judged in the class on the basis of their cognitive skills and critical thinking in the class. Teachers should arrange oral quizzes and test to learn the students skills on immediate basis. In this way, students will not only avoid the use of Artificial Intelligence but also make students ready for quick responses. Teachers should also judge students on this basis rather on producing memorized and rote knowledge in the examination halls. Teachers should pass immediate remarks about the students.

Moreover, the Artificial Intelligence should be used by the teachers for positive purposes. The paid version of Chat-GPT is much better, which can assess the work of the students. Teachers should ~~use~~ integrate their remarks with the AI-tools produced remarks to assess students.

In addition to that, Artificial Intelligence can also be used by the students positively for a number of purposes like self-assessment, career counselling, understanding of difficult concepts, pictorial representation of various topics etc. Students should also use AI as a teacher. They should ask different questions which they cannot ask from the teachers in the class due to their low confidence and low esteem.

Last but not the least, awareness should be spread among the students, Educators and policy makers should not fear from the usage of AI. They should spread awareness among the students to use AI in positive manner. The positive usage of AI should be taught in classrooms.

To conclude, the recent development of Artificial Intelligence raised concerns among the educators as it is widely misused in unethical manner by the students and the teachers. It is also spreading false and mis-information among the students. The unethical use of AI has a number of negative consequences like hindering ~~in~~ the creativity, fostering the laziness, limiting the ability to learn and breeding "impractical knowledge. However, through some

positive steps the unethical usage can be reduced. Banning AI tools in schools and colleges, judging students on critical thinking, positive usage of AI by students and teachers and raising awareness among the students can breed positive results for the education system. Adopting an attitude of curiosity rather than fear can be useful.