



A Responsible use of OpenAI ChatGPT in Education

¹ **Mrs.Amrita Ajit Jadhav**

Annasaheb Vartak College of Arts ,Kedarnath Malhotra college of Commerce, E.S. Andrades college of Science,Vasai west,Dist. Phalghar

² **Mr. Ajit Narayan Jadhav**

Shankar Narayan College of Arts and Commerce, Bahayandar (East),Dist Thane.

ABSTRACT

“Technology should improve your life and not become your life”- **Billy Cox**

Humans have made their lives more promising with the introduction of new Technology. The idea of inventions and research today takes us to the path where all of us are surrounded by the technology that benefits all. No field has today remained untouched by the advent of technological changes. This study will talk in lengths about one such life changing revolution – Chat GPT. Chat GPT is the innovation of Open AI, an artificial intelligence research company. It aims at developing a "safe and beneficial" artificial general intelligence system or to assist others do so. Open AI Chat GPT has in no time become one of the biggest names in tech. To mention a few noteworthy tasks performed by it is power to, write entire feature-length articles, and even code full websites. GPT-3 and now 4 are actually the best form of it. UBS analyst Lloyd Walmsley well predicted its record growth would be faster than Tik Tok and Instagram. It is no doubt most sought after technological solution today. Its fate ahead will be time tested as for education it may be used as a massive tool to help an enormous number of students. It will enable even the evaluation of students in real time. But will it enhance creativity among the youth? This is still a grey area. Overdependence on it should not work against very purpose of forming it. Can the child's activity on it be monitored? Who will monitor it? These questions are still looking for answers.

KEYWORDS: Technology, OpenAI Chat GPT, Artificial Intelligence.

Introduction to Chat GPT

ChatGPT is the brainchild of OpenAI, an artificial intelligence research company. Its mission is to develop a "safe and beneficial" artificial general intelligence system or to help others do so. OpenAI ChatGPT has quickly become one of the biggest names in tech. The thing it is now best-known for: power to pass legal exams, write entire feature-length articles, and even code full websites. GPT-3 and now 4 are actually the internet's best-known language-processing AI models. Since ChatGPT was announced it has rapidly become a widely used tool on the internet. UBS analyst Lloyd Walmsley estimated in February that ChatGPT had reached 100 million monthly users the previous month, accomplishing in two months what took TikTok about nine months and Instagram two and a half years. As per The New York Times, internal sources, 30 million people use ChatGPT daily.

Revolutionising education

Chat GPT is potentially going to play a major role in the education field. It can create personalised teaching plans, could improve the quality of education and may also lead to students becoming over reliant on the tech but there are also cons to using the AI tool like not understanding the context, interpret tone and emotions, handle complex issues etc. It has certain benefits but also suffer limitation. Educator on its support says, it has the ability to generate text quickly and accurately. Teachers might considered it as classroom tool instead threat. Students who are aware can use it to write their assignments, solving science and math problems and producing working computer code. ChatGPT deepened students' understanding of subject matter. It also taught them about interacting with A.I. models, and how to coax a helpful response out of one. If students are taught responsible use of AI, can make them understand, that this can be used to produce an outline on X, Y and Z, topic and they have to think very carefully about it. ChatGPT can also help teachers save time preparing for class, like asking ChatGPT to generate quizzes like asked it to generate 10 multiple-choice questions that could be used to test students' understanding of topic. AI tool can let students refine their thinking before they come to class, and practice their ideas, is only going to make our discussions richer. Tools like ChatGPT aren't going anywhere; they're only going to improve, and barring some major regulatory intervention, this particular form of machine intelligence is now a fixture of our society. To be good citizens, students need hands-on experience to understand how this type of A.I. works, what types of bias it contains, and how it can be misused and weaponized. Undoubtedly this adjustment won't be easy, especially if it is sudden technological shifts. But who can be better guide to students to guide them into this strange new world than a teachers?

Legal compliance

Users must be 18 or older, according to OpenAI's conditions of use. But while registering, people aren't prompted to confirm their age. Young children could readily visit ChatGPT and find inappropriate stuff. Moreover, ChatGPT gathers user information and personal data can be compromise with third parties for purposes like advertising. The Children's Online Privacy Protection Act (COPPA), makes it against the law to collect data from children under the age of 13.

Pros of Using Chat GPT in Education

Time-effective: Chat GPT can efficiently generate summaries, reports, and other written materials, freeing up valuable time for teachers and students to focus on other tasks.

Customise learning: Chat GPT can tailor its responses to individual students' needs and abilities, providing customized, one-to-one support in areas where they need it most.

Communication/ language skills: Chat GPT can assist with language learning, providing immediate feedback and correcting errors in real-time, helping students to build their language proficiency.

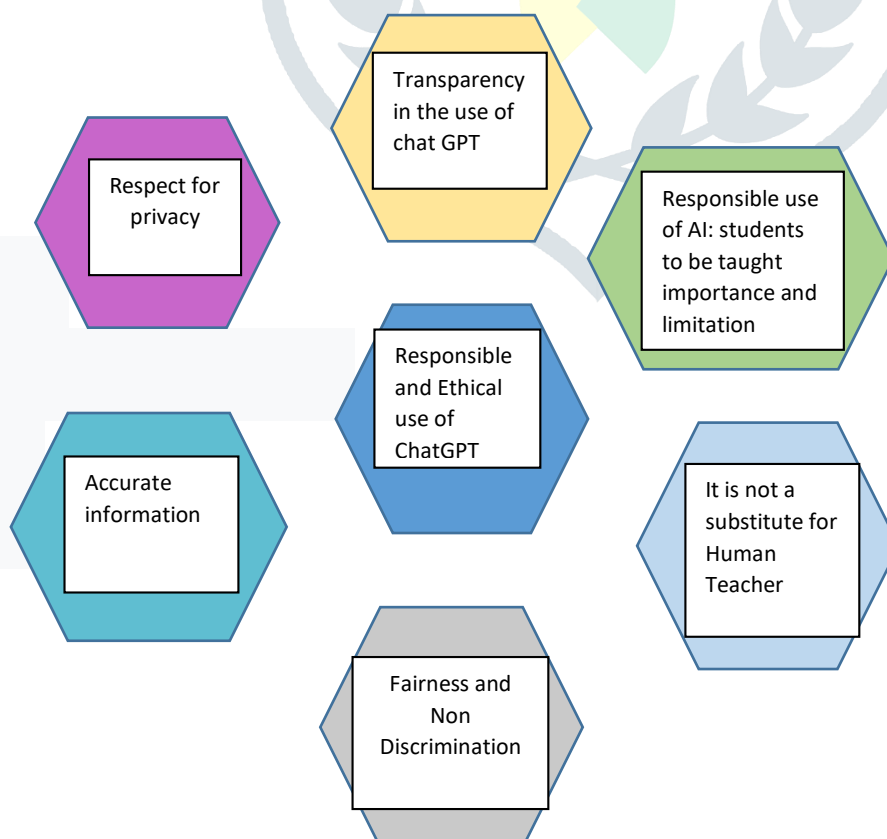
Cons of Using Chat GPT in Education

Affect creativity: While Chat GPT can generate written material quickly and accurately, it lacks the creativity and originality that comes from human interaction.

Bias and inaccuracies: Chat GPT was trained on a large corpus of text from the internet, which may contain inaccuracies, biases, and cultural misunderstandings. It's important for recipient to be aware of these loopholes and to review and verify the information generated.

Dependence on technology: While Chat GPT is a powerful tool, relying too heavily on technology can have negative effects on students' critical thinking and problem-solving skills. It's essential to strike a balance between the use of technology and more traditional teaching methods.

Responsible and ethical use of ChatGPT in Education



Conclusion

Considering ChatGPT as challenge to education is not the right approach, rather it can be taken as effective teaching tool and teachers should encourage students to leverage chatGPT for better thinking and as problem solving tool. Adaptive learning is the need of the hour having ability to maximise learners learning potential. Use of AI, Industrial engagement, Society involvement, Textbook and Curriculum Development all can play vital role to maximise the students experience for education. AI can also automate tedious tasks and can free up time for more creative work. However ethical implication of AI must be evaluated, like respect for privacy, fairness, non-discrimination and transparency while using ChatGPT.

References

www.sciencefocus.com
www.cnet.com
www.timesnownews.com
www.keyc.com
www.nytimes.com
www.bonnerrferryherald.com

