



A Study on the Role of Artificial Intelligence in English Literature and Research

Dr. Nakade Meera Muralidhar*

Head and Associate professor in English

Shri Yogananda Arts College Basmath.

Abstract:

There is revolutionize effect of AI on literary analysis interpretation and English language learning as well as mentor and mentee. English literature teaching has drastically changed through computational methods like sentimental analysis and natural language processing. in the field of teaching and research there is unprecedent speed and accuracy give scope in professional learning and to quench the thrust of readers without spending so much physical effort and travel and spend money with the help of one click on AI our search gets completed. Through AI we study on different topics in quick time we get our goals, aims and objectives. AI helps us to study original texts with analysis and interpretation, style theme, era, historical study material contemporary scenario of literature and about upcoming future development. Though AI technology helps us to gain mastery in each and every field but it has its pros and cons. It must be used for the welfare of the society- education social awareness, teaching field, skill development, and personality development and so on and on. Though AI is efficient in collecting data, literature, literary tools, literature reviews, and creative possibilities even it lacks authenticity, emotional depth and future of human creativity in an increasingly automated world.

Keywords: *Authenticity, qualitative, transformative, AI, human emotions, human authorship, automated world, welfare of people, assist human beings, can't take the place of humans, encourage creativity, easy way information, etc.*

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***Corresponding Author:**

Dr. Nakade Meera Muralidhar

Email:

Introduction

In the globalized era there is tremendous change in science, technology, IT sector, automotive industry, entertainment field, content development, digital system, healthcare, digital marketing, aeronautics, advertisement, climatology, computer, service sector and educational field and many more. In the present era there is AI trained human being in it so much information is given to computer and taught it to work effectively and efficiently. In our life we can't live without Google, Google maps, Snap chat, Alexa, different apps, etc. We use AI tools to facilitate our life such as Google maps, Snap chat, filters, etc.

The present topic entitled as a study on the role of artificial intelligence in English literature and

research focuses on the following aspect concerning the writing process, its analysis and readers engagement. Currently technology of AI entered our life revolutionary way. In the research field we can also take the help of AI in teaching literature its methods qualitative interviews, surveys, contact analysis, reviews of renowned authors, podcasts, audio and video books, success stories, moral and ethical stories to form the character of readers, etc. In this context we explore capabilities of AI generated literature and the ethical consideration of surrounding authorship and creativity. AI has a deeper impact on literary analysis and interpretation at the forefront of it and gave a paradigm change in English literature. In the sphere of teaching we use

computational methods like- natural language processing (NLP), sentimental analysis, creative writing, due to AI scholars examine principle and corporal part of literary texts with unprecedented speed and accuracy. AI is a guiding tool to analyse texts in a deeper manner while teaching English language and literature.

AI investigates the story line of a particular genre of literature whether it may be prose, poetry novel, drama, biography and autobiography. It expresses patterns, statistics, shifts, reviews, critical analysis, research points, Google translation, voice translation, pictures, maps, audios, videos, translation, etc. AI is useful in reading text without books, online reading apps, story tell, pratilipi apps through it one can read stories and books easily. Audio books, podcasts are useful to hear poems, stories, novels autobiographies, and Shodh Ganga cites are useful for thesis writing are helpful in research to know the writing style of research. Those uninterested readers can hear audio books –in this way AI generated literature might develop interest in reading.

AI played an integral part in teaching English language and literature through various ways. AI generated literature and videos are useful for both mentor and mentee in the teaching and learning process.

AI for students and general learners

a) Study guides and literature reviews

AI help teachers, readers and researchers to analyse large texts, its patterns and insights in a deeper thematic manner. It helps authors to analyse writing styles to determine authorship or detect plagiarism. AI help to analyse emotions and sentiments of literary texts. There are different types of videos that demonstrate how to use AI tools to conduct literature reviews, summarize complex academic articles, extract, abstract, key notes, findings and manage citations effectively and efficiently. All the aspects are part of the teaching, learning and research process. It results in an

effective teaching learning process.

b) Notes creation and concepts clarification:

AI help students' learners and researchers how to use AI chat bots to clarify difficult literary theories, concepts, practice questions, to create study notes properly, collect feedback in authentic ways. There are many tutorials are available on internet how to apply AI for learning ability in skilful way. Cornell university refers to digital university as, "The ability to find, evaluate, utilize, share and create content using information technologies and the internet. "This technology helps students to create content, communicate to gain information effectively. It provides opportunities to learners as well as to face challenges.

c) Literary analysis and interpretation:

AI helps human beings to learn easily, explore, analyse, literary works, identify themes in a large volume of texts. It reduces human labour and makes machines useful to perform effectively. Comparative study on ancient classic books, medieval literature and contemporary literature becomes an easy task due to AI generated literature.

d) Exploration of AI in Fiction:

There are many significant changes happening in literature. English literary texts also narrate the impact of AI on literature. AI generated characters in literature has its pros and cons. Such characters create a bad effect on human beings. We see a robot teacher AI generated character which works in a magic and miraculous way since contemporary literature made AI as a major theme and aspect to connect masses.

Historical context and videos:

AI entered in each and every field of life to assist human being so as there are AI generated dialogues, videos, podcasts, stories that provide history of English literature-it's beginning, middle phase and vast contemporary situation and periods. The book The History of English- an Enhanced AI Generated Dialogue. It is beneficial for students.

For educators and researchers:

1) Curriculum integration and teaching methods and strategies

There are many Webinars and videos available on the internet that incorporating generative AI share innovative strategies for children's literature and secondary English language arts classrooms.

There are many learning tools like LLM, Chatgpt, Gemini, Copilot, Merlin, Audio pen and more. Through the tool audio open learners become confident and easy to use there is a voice text transcription intelligent writing summarization. We can use mobile and desktop apps on your phone or computer. It is friendly and easy to take notes for students. They can express their brainstorm ideas without any pressure and they can avoid issues about writing. Teachers get detailed feedback from student's projects. They can use their voice to dictate their lesson plan. Change it revolutionising language tools gets an impact on the teaching learning and evaluation process. It helps get quick answers professional advice on various topics creative inspiration, and articles. It is a large language model developed by AI. Encourages students to ask questions and develop critical thinking, creativity and finding solutions on problems. Apps like Gemini do the personal assessment by solving quizzes and tests assisted with objectives and needs of the students.

Ethical use and AI literacy:

Ethical use of AI and AI literacy both subjects are closely connected to each other. There is discussions and guidelines provides principles for using it in academic filled to avoid Harman promote social interest and social welfare. It ensures users that they should critically evaluate AI outputs and negative complex issues like privacy, data analysis, plagiarism, proper citation, bias in applications from education to professional work and developing AI course policies. Readers must understand how AI works and its capabilities.

Creative writing Allies:

In the field of creative writing AI can serve as a powerful guide who helps in developing story writing, narrative techniques, and inspiring ideas. It taught learners process of creative writing-reading, thinking and expressing personal and universal emotions means self-assertion and human appeal.

Professional development and AI

In the field of teaching, learning and evaluation AI assists professionals to increase the development and demonstrate for using classroom to provide feedback and personalised learning for diverse interest students' needs and for their self-regulation motivation and satisfaction. AI helps slow learners to make their learning interesting and encouraging as well as caters food for brain storming students. AI helps to enhance the security of educational institutions from cyber threats in real time. It also helps plagiarism detection tool by comparing against vast data base to ensure academic integrity and originality in student's work.

Technical and thematic videos

AI narratives and audio synthesis of literary text are available to readers and students of literature. Researchers use methods like surveys, interviews, blog posts and other textual data with AI. It is important method for determining people's experiences and opinions. Insight7 is best qualitative tool to interpret, detect, transcribe, and sentient analysis.

Discussion and creativity:

Podcast and video are arranged whether AI can give original stories which can create catharsis among learners/ readers. AI enhances online discussion for interactive learning environment.

Vocabulary and language practice:

Many AI generated videos are useful to learn as to improve their vocabulary and language practice and skills of learners, it is improvised through AI and technology. AI tools like Grammarly check, spellcheck, chatbots are used to improve English proficiency that boosts confidence. It analyses strength and weaknesses and then tutors work on

them. It also helps to practice communication and soft skills.

Visualisation and flashback technique:

While teaching English literature a i use such tools like visualisation and flashback technique to summarise, critical analysis critical analysis, pictorial impact, grasping power and cognitive development of learners. It also helps content translation, simplification and innocent of learners.

Conclusion:

This use of AI in the English language, literature and research field has miraculous impact but even there must be some guidelines should be workout. Though it is a machine but it cannot take the place of human being that assist humans and save human labour. Some guidelines must be used to maintain transparency, ethics, explain ability, fairness, morality, privacy, data protection, and prevent misuse of information. AI must build trust and be beneficial to society and foster interest of professionals and public. AI can improve productivity for writers, inspire innovative research, and provide deeper insight from literary history, research attitude and evolution. Though miraculous technology of AI scans centuries of literary works in seconds, suggests different themes, define different eras, draft entire literature but can't take the place of humans and can't express human emotions like -love, hate, sorrow, ambiguity, irony, duality, criticism, complex human emotions and over all cathartic effect.

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