

# A Comparative Study on Google Vs ChatGPT in Assistance for Students

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## ABSTRACT

This journal is about comparing two platforms, Google and ChatGPT which provide better study assistance for students. In this technology world, digital platforms have revolutionized education. Google and ChatGPT are prominent tool that is mostly used by the students for learning. Google, a traditional search engine, provides vast information and ChatGPT is AI- driven, interactive learning tool. Through primary data collection via surveys and secondary data, this study examines user preference, reliability, efficiency and overall impact on student learning. The research methodology consists of a structured survey, findings, suggestion and limitations of each platform. However, my study reveals that which platforms provide better study assistance for students, when they any complexity in study assistance do they prefer google or ChatGPT.

**Keywords:** Google and ChatGPT, Study assistance, Prominent tool, better study assistance.

## INTRODUCTION

In today's era technology has transformed education in unprecedented ways (like digital learning platforms, smart classrooms, AI powered tools, E-learning). Traditional teaching and learning approaches are changing as a result of the internet and technology, providing both teachers and students with new opportunities. By offering a variety of resources, these online platforms enable teachers and students to interact, connect, and share content in fresh and creative ways. They accommodate a broad range of learning preferences, allowing students to work with classmates worldwide, study at their own speed, and access content that is especially tailored to their needs.

This project focus on comparing Google and Chatgpt which provide better study assistance for students. In today's world seeking help from machine provides flexible, time saving and deep learning for students. My studies aims when students facing any complexity of subject self- directed learning, resources limitations, do they prefer search engines or they prefer on AI tools for their study assistance.

As technology continues to evolve, the potential for online platforms to revolutionize education is limitless, and it is important to understand the transformative power they hold for students of all ages and backgrounds. Through exploring these tools, we aim to highlight the importance of adapting education to the digital age and fostering a new generation of learners who are equipped to succeed in an ever-changing world.



## From Libraries to AI: The Evolution of Information Gathering in Education

### Before Google and ChatGPT:

#### Traditional Research Methods:

**Books and Libraries:** For centuries, students relied heavily on printed materials. Libraries were essential resources where students would spend hours searching for books, encyclopedias, and journals to gather information for their studies.

**Classroom Learning:** Education was primarily lecture-based. Teachers would present information, and students would take notes, memorize facts, and participate in discussions. This method emphasized direct interaction with educators and peer learning.

#### Early Internet Era (1990s):

The introduction of the internet began to change how students accessed information. Early search engines like AltaVista and Yahoo allowed users to search for information online, but the results were often less organized and harder to navigate compared to modern standards.

Online databases started to emerge, providing access to scholarly articles and resources, but many students still relied on physical libraries for comprehensive research.

### After Google and ChatGPT:

#### The Google Revolution (2000s)

**1. Search Engine Dominance:** The launch of Google in 1998 revolutionized information retrieval. Students could now type in queries and receive instant, relevant results, making research faster and more efficient.

#### The Rise of AI and ChatGPT (2010s and beyond)

##### 1. Introduction of ChatGPT:

ChatGPT, which was introduced in late 2022, marks a substantial advancement in the way students can engage with information. It makes difficult subjects easier to understand by enabling users to ask questions and get thorough, conversational answers.

### OBJECTIVES OF STUDY:

- To know which platform is mostly used by the students.
- To identify which platform provides good study assistance to students.
- To offer suggestion based on the findings and conclusion.

### RESEARCH METHODOLOGY:

Research is done for collecting the information that helps to solve certain problems effectively. It is a step-by-step process which needs to be accurate and reasonable solution for a problem.

Primary data was collected from 100 respondents among students. Data is collected by using non-probability sampling and convenient sampling method through structured questionnaires via online survey tools called google forms.

Data collected from various secondary sources like books, magazines, journal papers, websites, reports, working papers etc. were also used to get knowledge about the research area and develop a theoretical framework and research hypothesis.

### FINDINGS

Based on the survey results, ChatGPT is a better study assistant than Google. Many respondents said they rely on ChatGPT to answer their study-related queries and find its answers to be more detailed and personalized. It is also favored due to its easy-to-use interface and efficiency in managing imaginative academic assignments. For research and academic purposes, ChatGPT is regarded as just as valuable as Google and is acknowledged as a useful tool for getting fast and accurate information. Google continues to be a reliable source for general information searches, is regarded for its accuracy, and has a reputation for speed, but ChatGPT is superior at offering personalized and interactive learning support. All things considered, ChatGPT provides superior study support by improving the educational process with tailored advice.

### SUGGESTIONS

From all the analysis and interpretation drawn we can say that ChatGPT provides good study assistance to students.

However, it still needs improvements AI tools, especially ChatGPT, like

- Need to work on being more reliable and open-ended questions and what to gain more trustworthy from the user.
- To make ChatGPT even better, it should include fact-checking and source references to ensure reliability.
- It also needs to respond faster to compete with search engines like Google.
- Adding academic resources like research papers and citation tools would help students and researchers.
- Ensuring AI transparency and ethical responses will help build long-term trust with users.
- It would really help if users felt good about the information they're getting and imagine if Google and AI tools like ChatGPT work together. Users would get the speed and accuracy of Google, mixed with the personalized, creative fair that ChatGPT offers.

### CONCLUSION

The study was accomplished to explore which tool provide better study assistance for students and comparing the effectiveness of Google and ChatGPT in providing study assistance to students. The research will examine how both

platforms help students in various academic tasks, such as finding information, solving problems, and preparing for exams and tries to find out the level of student's satisfaction towards online platforms of Google and ChatGPT. Based on the survey results, it's clear that ChatGPT hold significant roles in study assistance.

Google continues to be the preferred tool for quick information retrieval and mostly relying on it daily for searching where they invest the most time. It is trusted for its speed and accuracy and selecting Google as the most reliable source for accurate information.

On the other hand, ChatGPT is gaining power, especially in academic and creative tasks. Respondents use ChatGPT for study-related questions, prefer it as user-friendly experience in study assistance. ChatGPT is also viewed as the top choice for personalized and detailed study assistance and most effective tool for creative tasks like brainstorming, etc. Many of the respondent believe that AI tools, such as ChatGPT, potentially replacing traditional search engines in future.

In conclusion, ChatGPT play a crucial role, but Google also helps users with their studies, each with its own benefits. Users' perceptions of the future of information retrieval have changed significantly, and the current dependence on search engines will be significantly impacted by AI tools' capacity to have meaningful, context-driven conversations. However, in the future, search engines may be entirely replaced by AI tools, or the two may collaborate to retrieve information.

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