

What is the impact of technology on various aspects of modern society, and how has it influenced economic, and social structures and practices in the 21st century? Take one example of a popular technology and explain your point of view.



Technology has wide impact on various impact of society as it has restructured economic and social structure in this generation. Its influence in the 21st century has created new opportunities, challenges, and efficiencies, but it has also led to new forms of inequality, privacy concerns, and changes in human behavior.

One key technology that has significantly impacted modern society is communication technology, particularly the internet and social media. Communication technology, particularly the internet and social media, has reshaped modern society in profound ways. From economic transformations to shifts in social dynamics, this technology has significantly impacted both structures and practices.

Economic Impact:

The internet has created new business models, enabled the globalization of commerce, and revolutionized communication within the workforce. For example, e-commerce has flourished due to the rise of platforms like Amazon and Alibaba. According to Statista, the global e-commerce market size was valued at approximately \$9.09 trillion in 2021 and is expected to grow even further. This growth is largely due to the accessibility of the internet, which allows businesses to reach global audiences. Communication technologies like email, chatbots, and customer service tools are key to handling this scale of operation efficiently.

Remote Work & Collaboration: The economic impact of communication technology became especially clear during the COVID-19 pandemic, where platforms such as Zoom, Microsoft Teams, and Slack became central to maintaining business continuity. According to a McKinsey report, 80% of employees in industries that switched to remote work during the pandemic want to continue doing so. This has led to a long-term shift in work structures, contributing to the growth of freelance and gig economy

platforms like Upwork and Fiverr, which rely on instant communication technologies to connect workers with clients globally.

Social Impact:

Social media platforms have transformed how people communicate, share information, and form communities. The most influential platforms, such as Facebook, Instagram, and Twitter, have become central to modern social interaction. According to Pew Research, about 72% of U.S. adults report using at least one social media platform. These platforms enable individuals to stay connected, share personal milestones, and organize social movements.

However, the rise of social media has also created concerns about privacy and mental health. A study published in the Journal of Social and Clinical Psychology found that increased social media use is associated with higher levels of anxiety, depression, and loneliness among adolescents. The phenomenon of "social comparison" on social media platforms is often cited as a contributing factor, leading to feelings of inadequacy and decreased well-being.

Misinformation is another challenge. Social media has become a breeding ground for the spread of false information. During the 2016 U.S. Presidential Election, for example, the spread of fake news through social platforms like Facebook and Twitter had significant consequences on public opinion and electoral outcomes, as documented by multiple studies and investigations, including a Congressional investigation. This highlights how communication technology can both facilitate connection and spread misinformation on a large scale.

Conclusion:

Communication technologies like the internet and social media have dramatically influenced both economic and social structures. Economically, they have fueled the growth of global businesses, remote work, and the gig economy. Socially, they have transformed how individuals connect, share information, and participate in social movements. However, these benefits come with challenges, including privacy issues, mental health concerns, and the spread of misinformation. The evidence from

economic reports and academic studies underscores the far-reaching impact of communication technology on modern society.