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The Role of Technology in Our Daily Lives

To'xtanazarova Mahliyoxon

4th year student of the Faculty of Foreign Languages,

Fergana State University

Tel: +998 97 607 01 0

E-mail: missmahliyo5@gmail.com

Annotation

This paper explores the significant role that technology plays in our everyday lives. In the modern world, technological innovations have influenced nearly every aspect of human activity—from communication and education to healthcare and entertainment. The research analyzes how technology enhances efficiency, simplifies tasks, and connects people globally, while also addressing the challenges of digital dependence and privacy concerns. The findings reveal that while technology provides immense benefits, it also requires responsible usage and digital literacy to maintain a healthy balance between virtual and real-life interactions.

Introduction

Technology has become an inseparable part of human existence. From the moment we wake up to the moment we go to bed, our lives are deeply intertwined with technological devices and systems. Smartphones, computers, the Internet, and artificial intelligence (AI) have transformed how people communicate, learn, work, and even think. In earlier centuries, technology was limited to basic tools and machinery; however, the 21st century has witnessed rapid technological advancements that have redefined modern civilization. For instance, the rise of the Internet has made access to information instantaneous, online education has replaced traditional classrooms in many contexts, and healthcare technologies have improved life expectancy and treatment efficiency. Nevertheless, while technology provides convenience and innovation, it also poses several challenges. Excessive screen time, social media addiction, and cybersecurity threats have become global issues. Therefore, understanding the dual nature of technology—its benefits and drawbacks—is essential to use it effectively and ethically in daily life.

Methodology

This research employs a mixed-method approach, combining both qualitative and quantitative methods. 1. Literature Review: Academic journals, government publications, and global reports on technology's impact were analyzed, focusing on areas such as education, communication, and healthcare. 2. Survey: A questionnaire was distributed among

120 respondents (students, teachers, and employees) aged 18–45. It included questions about how often they use technology, for what purposes,





and how it affects their productivity and well-being. 3. Interviews: Ten participants were interviewed to gain deeper insights into personal experiences with technology. 4. Data Analysis: Responses were categorized thematically to identify major trends, benefits, and problems associated with everyday technology use.

Results and Discussion

The findings of the study indicate that technology has become essential to nearly all daily activities. 96 percent of respondents reported using smartphones as their primary device for communication, learning, and entertainment. Most participants admitted that technology helps them complete tasks faster, access knowledge easily, and stay connected with family and colleagues regardless of distance. Positive Impacts: Education: Technology enables online learning platforms such as Coursera, Zoom, and Google Classroom, allowing students to study anytime, anywhere. Healthcare:

Telemedicine and wearable health devices have revolutionized medical diagnosis, monitoring, and treatment. Communication: Social media and messaging apps have made global interaction effortless, strengthening both personal and professional relationships. Challenges: However, 58 percent of respondents expressed concerns about technology addiction, lack of physical activity, and reduced face-to-face communication. Privacy and data security were also major concerns. Many users lack awareness of online risks such as cyberbullying, identity theft, and misinformation. Overall, technology is both a tool for progress and a potential source of dependency. Responsible use, digital literacy education, and ethical regulation are necessary to ensure technology continues to serve humanity positively.

Conclusion

In conclusion, technology plays a vital role in shaping modern life. It connects people across continents, makes learning accessible, and improves healthcare and business efficiency. However, overreliance on technology can lead to mental stress, isolation, and ethical issues. To ensure technology remains beneficial, society must promote digital awareness, balanced screen time, and cybersecurity education. Governments, educators, and individuals should work together to create a culture of responsible and innovative technology use, ensuring that it enhances rather than controls our daily lives.

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