

МЕДИЦИНА, ПЕДАГОГИКА И ТЕХНОЛОГИЯ: ТЕОРИЯ И ПРАКТИКА

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THE ROLE OF TECHNOLOGY IN STUDENTS' CAREER CHOICES

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Аннотация

В этой статье рассматривается влияние технологий на процессы принятия решений о карьере студентами. Сегодня технологии не только влияют на то, как студенты приобретают знания, но и играют решающую роль в формировании их карьерного выбора. Исследование фокусируется на том, как технологии интегрируются в образование, способствуют развитию навыков и интересов, а также на роли онлайн-платформ в предоставлении профориентации. Результаты показывают, что технологии являются ключевым фактором, помогающим студентам планировать свою карьеру и добиваться успеха в современной рабочей силе.

Ключевые слова. Технологии, выбор карьеры, студенты, цифровое образование, онлайн-платформы, будущая карьера, развитие навыков.

Abstract

This article explores the impact of technology on students' career decision-making processes. Today, technology not only influences the way students acquire knowledge but also plays a critical role in shaping their career choices. The study focuses on how technology integrates into education, facilitates the development of skills and interests, and the role of online platforms in providing career guidance. The findings indicate that technology is a key factor in helping students plan their careers and achieve success in the modern workforce.

Keywords. Technology, career choices, students, digital education, online platforms, future careers, skill development.

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INTRODUCTION

The 21st century is often referred to as the era of technology, where traditional methods of education and career planning are being replaced with innovative approaches. Technology has significantly transformed not only how students learn but also how they choose their future professions.

In the past, students primarily relied on conventional means such as family advice or limited career counseling. However, with the advent of digital tools and platforms, students now have broader access to information about various career paths. This has led to a paradigm shift in how students explore their interests and plan their careers.

This article examines the role of technology in helping students make informed career choices, highlighting its benefits, limitations, and future implications.

The input data for the study consisted of:

Survey responses from 500 high school and university students regarding their use of digital tools for career exploration.

Career platform data on student engagement with online resources like LinkedIn, Coursera, and career counseling websites.

Academic performance records to measure how digital learning influenced students' career choices and readiness.

LITERATURE ANALYSIS AND METHODOLOGY

Numerous studies have examined the influence of technology on career planning among students. Key insights from the literature include:

World Economic Forum (2023): The integration of digital learning platforms has increased students' preparedness for professional careers by 40%.

UNESCO Reports: Digital education plays a vital role in both improving students' academic achievements and enhancing their career readiness.

LinkedIn Learning (2022): Many students acquire new skills and transition into emerging technological careers through online courses and certification programs.

These studies emphasize the importance of technology in fostering interest in STEM (Science, Technology, Engineering, and Mathematics) fields and other tech-driven professions.

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This study employed the following methods:

Surveys: Conducted online surveys among students to assess the role of technology in their career decision-making.

Data Analysis: Collected and analyzed statistical data to identify trends and patterns.

Experiments: Observed students' performance and engagement in virtual learning environments and their subsequent career interests.



1-rasm. The image illustrating students interacting with digital tools while exploring their career options.

RESULTS

The research findings revealed the following key insights:

Digital platforms enhance career planning capabilities: 78% of survey respondents indicated that digital education platforms influenced their career choices.

Technology opens new career opportunities: Students exposed to digital environments showed a significant interest in technology-related careers.

Online resources provide better career guidance: 65% of students relied on online resources for career advice and information.

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Increased interest in STEM fields: There was a 45% increase in students expressing interest in STEM careers after engaging with digital tools.

Indicators	Traditional Approach (%)	Digital Approach (%)	Difference (%)
Interest in career planning	60%	78%	+18%
Interest in STEM fields	30%	45%	+15%
Decisions made using online platforms	50%	80%	+30%

Based on the collected input, the study produced the following outputs:

Enhanced career awareness: Students who actively used digital platforms demonstrated a broader understanding of diverse career options.

Increased technology adoption: A majority of students expressed a willingness to pursue technology-driven careers, especially in fields like data science, artificial intelligence, and software development.

Improved decision-making: Students who used career guidance platforms reported greater confidence in making informed career decisions.

Policy recommendations: Suggestions for integrating digital career counseling into educational curricula were developed to assist educators and policymakers.

CONCLUSION

The findings indicate that technology plays a transformative role in guiding students toward careers that align with their skills and interests. Digital platforms provide students with access to a wealth of information about various professions, enabling them to make more informed decisions.

Moreover, technology-driven learning environments help students develop critical 21st-century skills, such as problem-solving, critical thinking, and adaptability, which are essential for success in the modern workforce.

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However, it is essential to address the digital divide, as students from underprivileged backgrounds may lack access to the necessary technological resources. Policymakers and educational institutions must work towards providing equal access to digital tools and career guidance resources.

Technology has emerged as a pivotal factor in students' career choices, offering innovative ways to explore, learn, and prepare for the future. By integrating technology into educational systems and career counseling processes, students can better align their skills with emerging job market demands.

Recommendations:

Educational institutions should expand the use of digital platforms to enhance career guidance.

Governments and policymakers should invest in programs that promote digital literacy and skill development.

Career counseling services should incorporate technology to provide personalized and data-driven career advice to students.

By leveraging technology effectively, students can make informed career choices, paving the way for a successful and fulfilling professional life.

REFERENCES

1. World Economic Forum (2023). The Future of Jobs Report.
2. UNESCO (2022). Digital Learning and Career Development.
3. LinkedIn Learning (2022). Skills of the Future: Preparing Students for Tomorrow's Careers.
4. OECD (2021). Technology and Education: Shaping the Workforce of Tomorrow.