PROFESSIONAL WELL-BEING MECHANISMS FOR SPECIAL EDUCATION TEACHERS IN THE CONTEXT OF DIGITAL TRANSFORMATION

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Abstract The rapid digital transformation of society has significantly influenced the educational system, particularly the activities of special education teachers. Digital technologies create new opportunities for inclusive education, individualized learning, and communication with students with special educational needs. At the same time, the expansion of digital responsibilities, increased workload, lack of technological preparedness, and emotional pressure can negatively affect the professional well-being of teachers. This article examines the mechanisms for ensuring the professional well-being of special education teachers in the context of digital transformation. Based on the IMRAD structure, the study analyzes the role of digital competence, institutional support, professional development, emotional resilience, and work-life balance in maintaining teachers' well-being. The article emphasizes that the professional well-being of special education teachers is a key factor in the quality of inclusive education and the effectiveness of digital transformation.

Keywords: digital transformation, special education, teacher well-being, inclusive education, digital competence, emotional resilience, professional support.

Introduction Digital transformation has become one of the defining characteristics of modern society. It affects various areas of life, including economics, healthcare, communication, and education. In the educational sector, digital transformation refers to the integration of digital technologies into teaching, learning, assessment, communication, and educational management. Special education teachers are among the professionals most affected by this process. They work with children who have disabilities, developmental disorders, speech impairments, learning difficulties, autism spectrum disorders, hearing or visual impairments, and other special educational needs. These teachers are expected to use digital tools not only for instructional purposes but also for individualized support, communication with parents, data collection, documentation, and collaboration with multidisciplinary teams. Although digital technologies provide numerous opportunities for improving inclusive education, they also create new challenges. Teachers may experience stress due to the need to learn new technologies, adapt to online environments, manage digital platforms, and respond to increasing administrative demands. In many cases, special education teachers are required to spend additional time preparing adapted digital materials,

communicating with parents through online tools, and monitoring students' progress remotely. Professional well-being is an important concept in modern educational research. It includes emotional satisfaction, physical and mental health, motivation, self-efficacy, job satisfaction, and positive professional identity. Teachers with high levels of well-being are more productive, more engaged in their work, and more capable of supporting students effectively. The purpose of this article is to analyze the mechanisms that can ensure the professional well-being of special education teachers in the context of digital transformation.

Methods

This article is based on a qualitative analysis of scientific literature related to teacher well-being, digital transformation in education, special pedagogy, and inclusive education. Relevant studies published between 2020 and 2025 were reviewed to identify the main factors influencing the professional well-being of special education teachers.

The study used the following methods:

a) Literature review of international and national studies on digital transformation and teacher well-being.

b) Comparative analysis of theoretical approaches related to emotional resilience, digital competence, and institutional support.

c) Synthesis of scientific findings to identify practical mechanisms for supporting teachers.

d) Conceptual analysis of factors affecting special education teachers in digital environments.

Results

The analysis of scientific literature revealed several important mechanisms for ensuring the professional well-being of special education teachers in the context of digital transformation.

1. Development of Digital Competence

Digital competence is one of the most important factors influencing teachers' confidence and professional well-being. Teachers who have strong digital skills are more likely to use technology effectively and experience less stress in their daily work.

e) Digital competence includes:

f) Ability to use digital learning platforms;

g) Skills in creating adapted educational materials;

h) Use of assistive technologies for students with disabilities;

i) Knowledge of online communication tools;

j) Ability to ensure digital safety and privacy.

k) Professional development programs focused on digital literacy can reduce anxiety and increase teachers' self-efficacy.

2. Institutional Support and Leadership

Institutional support is another critical factor in teacher well-being. School administrators and educational institutions play an important role in creating supportive conditions for teachers.

Supportive mechanisms include: Access to modern digital equipment; availability of technical support; clear guidelines for the use of digital technologies; flexible working schedules; reduction of excessive administrative workload.

When teachers feel supported by their institutions, they are more likely to maintain motivation and positive attitudes toward digital innovation.

3. Emotional and Psychological Support

Special education teachers often experience emotional exhaustion due to the complex needs of their students. Digital transformation may increase this burden by requiring teachers to be constantly available online.

To support emotional well-being, schools should provide:

Psychological counseling services;

Stress management training;

Peer support groups;

Opportunities for professional reflection;

Programs for preventing burnout.

These strategies can help teachers maintain emotional stability and professional satisfaction.

4. Work-Life Balance

One of the major challenges of digital transformation is the blurring of boundaries between work and personal life. Teachers may receive messages from parents and administrators outside working hours, prepare online materials late at night, or participate in virtual meetings during weekends.

Maintaining work-life balance requires: Clear boundaries for communication; Reasonable working hours; Time management training; Institutional policies limiting after-hours work; Support for teachers' personal well-being. Teachers who have a balanced lifestyle are less likely to experience burnout and more likely to remain engaged in their profession.

5. Collaboration and Professional Community

Professional collaboration is an important mechanism for reducing stress and increasing job satisfaction. Special education teachers benefit from sharing experiences, discussing challenges, and exchanging digital resources with colleagues.

Collaborative activities may include:

a) Professional learning communities;

b) Online teacher networks;

c) Joint lesson planning;

d) Mentorship programs;

e) Interdisciplinary teamwork.

Such collaboration strengthens teachers' sense of belonging and professional identity.

Discussion The findings demonstrate that digital transformation has both positive and negative effects on the professional well-being of special education teachers. On the one hand, digital technologies provide opportunities for individualized instruction, flexible communication, and access to educational resources. On the other hand, they increase teachers' workload, emotional stress, and professional demands. Special education teachers require more support than general education teachers because they work with students who need individualized approaches and adapted teaching methods. The introduction of digital tools often requires additional preparation time, specialized knowledge, and continuous professional development. Research shows that teacher well-being is closely connected with student outcomes. Teachers who feel emotionally stable and professionally supported are more likely to create positive learning environments, maintain effective communication with students and parents, and implement innovative teaching methods. Therefore, ensuring teacher well-being should become a strategic priority for educational institutions and policymakers. Schools should not focus only on the technical aspects of digital transformation but also pay attention to the emotional, psychological, and professional needs of teachers. It is important to create educational environments where teachers feel safe, respected, and supported. Such environments can improve teacher retention, reduce burnout, and increase the quality of inclusive education.

Conclusion Digital transformation is an inevitable process in modern education. For special education teachers, it creates both new opportunities and new challenges. Their professional well-being depends on multiple factors, including digital competence, institutional support, emotional resilience, work-life balance, and professional collaboration. Educational institutions should develop comprehensive support systems that address both the technological and psychological needs of teachers. Professional development programs, access to digital resources, emotional support services, and supportive leadership can significantly improve teacher well-being. The professional well-being of special education teachers is not only important for teachers themselves but also for the success of inclusive education and the overall quality of the educational process. Therefore, investing in teacher well-being should be considered an essential component of digital transformation in education.

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