

**TRANSFORMATION OF HIGHER EDUCATION IN THE
CONTEXT OF DIGITALISATION: GLOBAL TRENDS AND
UKRAINIAN REALITIES**

Digital transformation is now a driving force in modernizing higher education across the globe. By integrating digital technologies, universities can improve accessibility, streamline processes, and make learning more flexible. Ukraine is also embracing this shift, actively implementing digital education strategies to meet the needs of today's information-driven economy [2, p. 660].

The global education landscape is undergoing a radical transformation, powered by breakthrough technologies like artificial intelligence, big data analytics, and cloud-based learning systems. Nations across the spectrum – from tech-forward countries to developing economies like Ukraine and Georgia – are adopting these digital solutions at varying paces, reflecting their unique economic realities and technological capabilities [1, p. 60]. This digital revolution has particularly accelerated the adoption of open-access learning materials and virtual classrooms – an educational shift that became absolutely essential during the pandemic years and continues to reshape learning paradigms today [1, p. 59].

Ukraine has taken major steps toward digitalizing education – many universities now use e-learning platforms and digital libraries. But despite this progress, hurdles like underfunding, aging infrastructure, and a lack of digital skills among teachers still hold back further development [2, p. 663]. The state is actively supporting digital transformation through strategic initiatives aimed at integrating digital competencies into educational programs [2, p. 665].

Digitalization of education in Ukraine varies across regions, with disparities between urban and rural areas. While metropolitan universities have

access to modern digital tools, many regional institutions face technical and financial constraints. Digital transformation at the regional level is closely linked to the broader development of the information economy [3, p. 318]. To truly level the playing field for students nationwide, Ukraine needs to prioritize upgrading its digital infrastructure and expanding reliable internet access – especially in underserved regions [3, p. 320].

Ukraine's digital education transformation is a story of both promise and growing pains. While universities are gradually adopting new technologies, progress faces stubborn roadblocks: tight budgets, uneven digital skills among faculty, and reluctance to abandon traditional teaching methods [2, p. 667]. Yet the potential rewards make this struggle worthwhile – from cutting-edge virtual classrooms to global academic partnerships and education that reaches every corner of the country [1, p. 57]. Making this vision reality will demand something rare in education: a true team effort, with government policymakers, university leaders, and tech companies all working in concert [3, p. 322].

Conclusion. Ukraine's higher education system stands at a digital crossroads. The shift toward online learning, smart classrooms, and AI-enhanced education isn't just inevitable – it's already reshaping how students learn and universities operate. While Ukraine has made strides in adopting these changes, the road ahead still demands solutions for funding gaps, tech resistance, and uneven digital access. But if the country plays its cards right – by aligning government policies, university reforms, and private-sector innovation – it could do more than just catch up. Strategic digitalization might just be Ukraine's ticket to becoming a more influential player in global education, raising the profile of its universities on the world stage.

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