

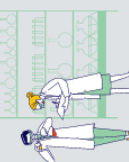
SCIENTIFIC AND METHODOLOGICAL FOUNDATIONS FOR DEVELOPING STUDENTS' PEDAGOGICAL MASTERY THROUGH INTERACTIVE PLATFORMS

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Abstract

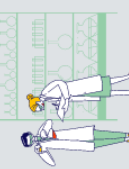
the rapid expansion of interactive digital platforms in higher education has changed not only the technical organization of teaching, but also the professional profile of the future educator. In contemporary pedagogical discourse, pedagogical mastery is no longer interpreted as a static set of rhetorical, methodological, and organizational skills acquired once and for all; rather, it is increasingly understood as a dynamic, reflective, ethically grounded, and technologically mediated capacity to design meaningful learning, sustain dialogue, diagnose difficulties, personalize support, and transform instructional situations into developmental opportunities. This article examines the scientific and methodological foundations for developing students' pedagogical mastery through interactive platforms and argues that such development becomes effective only when technology is subordinated to pedagogical logic, dialogic interaction, and reflective practice. The study relies on integrative analysis of international conceptual frameworks, policy documents, and empirical research on digital pedagogy, online teaching competencies, mobile learning, learner engagement, and teacher professional development. On this basis, the article systematizes the conceptual approaches that should guide the educational use of interactive platforms in higher education, including competence-based, activity-oriented, constructivist, humanistic, reflective, and data-informed approaches. The article proposes a methodological model in which interactive platforms function not as repositories of content, but as environments for co-construction of knowledge, staged feedback, multimodal participation, collaborative inquiry, self-assessment, and pedagogical reflection. Special attention is devoted to the didactic conditions that ensure the transition from superficial digital activity to genuine pedagogical mastery: purposeful instructional design, ethical use of educational data, teacher facilitation, academic integrity, inclusive access, structured reflection, and continuity between theory and practice. The findings show that interactive platforms can substantially strengthen students' pedagogical mastery when they are integrated into the curriculum as developmental ecosystems rather than as isolated technical tools, and when institutional support, educator competence, and assessment culture evolve in parallel.



Keywords: Interactive platforms, pedagogical mastery, higher education, digital pedagogy, teacher education, reflective learning, learner engagement, instructional design, professional competence, educational technology.

Introduction

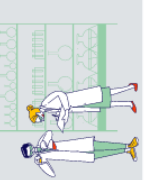
The question of how to cultivate pedagogical mastery in students has become especially urgent in the period when higher education is being reorganized under the pressure of digital transformation, platformization, new expectations of flexibility, and the expansion of hybrid and online learning environments. Yet the real issue is not whether digital technologies have entered education—this battle has already been lost and won at the same time—but whether universities are able to convert technical access into pedagogical quality. The mistake often made in institutional practice is to confuse the presence of a platform with the presence of pedagogy, as though a learning management system, a video-conference room, a discussion board, a polling tool, or a collaborative document automatically generates professional growth. It does not. Technology may widen access, diversify formats, and accelerate communication, but it can also deepen passivity, fragmentation, simulation of participation, and dependence on templates when its use is not mediated by scientifically grounded teaching design. Contemporary international educational discourse increasingly emphasizes that the educational effect of digitalization depends not on the quantity of devices or platforms themselves, but on the pedagogical logic through which they are introduced into the learning process. This logic is especially important in higher education institutions that prepare future teachers and education specialists, because in such contexts students must not only learn with technology, but also learn how to teach, facilitate, and support others in technology-mediated environments. Against this background, the category of pedagogical mastery itself requires renewal. In classical pedagogical thought, mastery was associated with deep subject knowledge, expressive communication, methodological culture, authority, emotional balance, and the ability to organize learning effectively. These characteristics remain valuable, but in the platform-mediated educational environment they are no longer sufficient. Today, pedagogical mastery also includes the ability to design interaction intentionally, choose formats appropriate to cognitive goals, regulate digital workload, maintain learning presence across asynchronous and synchronous spaces, create transparent assessment routes, interpret student analytics responsibly, and foster self-directed as well as collaborative learning. In other words, pedagogical mastery has become inseparable from digital pedagogical judgment. This does not mean that every student should become a technician, nor that teaching excellence can be reduced to competence with buttons, dashboards, or interfaces. Rather, it means that the contemporary teacher or future teacher must understand how technological mediation changes communication, authority, attention, feedback, motivation, collaboration, and reflection. The scientific and methodological problem, therefore, lies in identifying the foundations through which interactive platforms can become developmental environments for pedagogical mastery rather than spaces of formal activity. This problem is especially important for teacher education



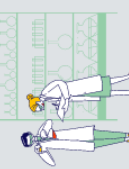
and pedagogical specialties, but it is not limited to them; any higher education student preparing for knowledge-intensive, communicative, and socially responsible professional work requires pedagogical qualities such as explanation, facilitation, empathy, organization, and reflexivity. International frameworks confirm this broader interpretation. The UNESCO ICT Competency Framework for Teachers demonstrates that meaningful educational use of technology is multidimensional and systemic rather than narrowly instrumental, while the European Dig Comp Edu model conceptualizes educator digital competence across professional engagement, digital resources, teaching and learning, assessment, learner empowerment, and the facilitation of learners' digital competence. These frameworks show that technology-mediated teaching requires an integrated understanding of curriculum, assessment, pedagogy, and professional growth. Empirical studies reinforce this theoretical shift. Recent systematic reviews of mobile learning and teacher education show that mobile and platform-based learning can strengthen knowledge, attitudes, and professional readiness, but only where institutional support, methodological coherence, and purposeful design are present. Comparative research on university teachers' digital competence in different regions likewise indicates that technical adaptation often outpaces deeper pedagogical transformation. Studies of online learner engagement arrive at a similar conclusion from the students' side: meaningful engagement does not emerge spontaneously from digital presence but must be intentionally designed through opportunities for interaction with instructors, peers, and learning tasks, as well as through clear goals, guidance, and multimodal participation. The rise of generative artificial intelligence has intensified these questions even further, because pedagogical mastery in the age of platforms includes not only instructional efficiency but also ethical and critical discernment. For this reason, the aim of the present article is to substantiate the scientific and methodological foundations for developing students' pedagogical mastery through interactive platforms, to define the conceptual structure of such mastery in digital learning environments, and to propose a methodological model for integrating interactive platforms into higher education so that they strengthen reflective, communicative, organizational, and didactic competence rather than merely digitize routine procedures.

Materials and Methods

This article was designed as an integrative scientific-methodological study combining conceptual analysis, document analysis, comparative interpretation, and framework modeling. Its purpose was not to test a single platform experimentally, but to synthesize a coherent pedagogical model from convergent theoretical and empirical evidence relevant to higher education and teacher development. The source corpus included international policy and framework documents, open-access research articles, and systematic reviews related to digital pedagogy, educator competence, interactive learning environments, online engagement, mobile learning, and technological proficiency in higher education. The analytical emphasis was placed on materials published primarily between 2017 and 2025, because this period captures the transition from general digital integration agendas to the more mature phase of platform-mediated and AI-influenced teaching. The scientific logic of source selection was



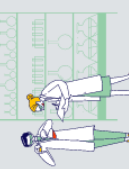
guided by four criteria: first, conceptual relevance to pedagogical mastery or educator competence; second, relevance to interactive or digital platforms as environments of learning and teaching; third, applicability to higher education or teacher education; and fourth, methodological usefulness for building an implementable instructional model. International framework and policy documents were included because they articulate macro-level educational challenges, normative principles, and teacher capacity issues; competence frameworks were used because they provide operational categories for educator digital competence; peer-reviewed studies were selected because they illustrate concrete findings on teacher proficiency, learner engagement, and developmental outcomes in digital environments. Methodologically, the study proceeded through several stages. At the first stage, definitional analysis was used to clarify the core constructs of the article: “interactive platform,” “pedagogical mastery,” “student development,” “digital pedagogy,” and “methodological foundation.” Here, an interactive platform was understood not merely as software but as a technologically supported educational environment enabling communication, collaboration, assessment, content access, traceability of learning actions, and feedback loops. Pedagogical mastery was interpreted as an integrative professional-personal quality that unites value orientation, methodological literacy, communicative culture, organizational ability, reflective thinking, ethical judgment, and adaptive instructional action. At the second stage, categorical synthesis was applied to compare how major frameworks distribute the educator’s digital role across curriculum, pedagogy, assessment, collaboration, feedback, and professional growth. At the third stage, empirical extraction was used to identify recurring findings across studies concerning the conditions under which digital tools and platforms improve engagement, skill development, and professional competence. At the fourth stage, modeling was undertaken to construct a scientific-methodological system for higher education that includes principles, components, stages, pedagogical conditions, and indicators. The internal validity of the proposed model was strengthened by aligning each element with more than one conceptual or empirical source. Thus, learner engagement requirements were linked with research on online courses, competence elements were aligned with international frameworks, and ethical provisions were cross-checked against human-centred guidance on educational AI and digital technologies. The article also adopted a pedagogical systems perspective, meaning that platform use was treated as one subsystem within a larger educational ecology involving curriculum, institutional culture, teacher facilitation, student motivation, assessment design, and access conditions. This systems perspective is crucial because many failures of digital transformation occur when universities evaluate only the platform itself and ignore the pedagogical environment into which it is inserted. In addition, the study employed a competency-based lens to identify which components of pedagogical mastery can be developed through interactive platforms: diagnostic competence, instructional design competence, communicative and facilitative competence, assessment competence, reflective competence, collaborative competence, and ethical-digital competence. The methodological result of this analytical process is therefore a model intended for use in higher education institutions,



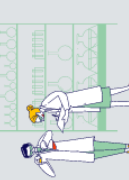
especially in programs preparing future teachers and education specialists, but adaptable to broader student populations where pedagogical interaction is a relevant graduate attribute.

Results

The analytical synthesis made it possible to formulate a scientific-methodological conception according to which students' pedagogical mastery develops through interactive platforms only when six interrelated foundations are present: the systemic foundation, the competence foundation, the activity-dialogic foundation, the reflective foundation, the ethical-humanistic foundation, and the assessment-analytic foundation. The systemic foundation means that platform use must be embedded in the curriculum as a structured pedagogical environment rather than appended as an occasional technical supplement. In practice, this requires alignment among learning outcomes, teaching methods, interactive tasks, communication patterns, feedback mechanisms, and assessment criteria. A platform becomes educationally meaningful when every digital action corresponds to a pedagogical intention: a forum serves not as a warehouse of obligatory comments but as a space of argumentative exchange; a video session is not a mere replacement for classroom attendance but a medium for guided inquiry, clarification, demonstration, and collaborative problem-solving; a quiz is not reduced to control, but contributes to self-regulation and diagnosis; an e-portfolio is not a decorative archive, but a reflective trace of professional growth. The competence foundation follows from the recognition that pedagogical mastery in the platform era cannot be described by isolated technical literacy. Instead, it includes at least five integrated components. The first is the motivational-value component, expressed in professional responsibility, willingness to help others learn, openness to innovation, commitment to inclusion, and respect for ethical boundaries in digital interaction. The second is the cognitive-methodological component, which includes understanding of didactic principles, instructional strategies, platform affordances, assessment logic, and learner psychology in digital contexts. The third is the communicative-facilitative component, which manifests in the ability to build pedagogical dialogue, formulate constructive feedback, moderate discussions, sustain participation, and create psychological safety even when interaction is mediated by screens and interfaces. The fourth is the design-organizational component, involving planning of learning sequences, selection of activity formats, pacing of tasks, scaffolding, integration of multimodal resources, and coordination of synchronous and asynchronous work. The fifth is the reflective-analytical component, which includes self-evaluation, interpretation of learner responses and platform analytics, awareness of one's own teaching style, identification of mistakes, and evidence-based revision of instructional decisions. These components correspond both to broad international competence frameworks and to empirical findings showing that technology-mediated teaching succeeds when educators possess not simply tool skills, but a complex combination of pedagogical, organizational, and reflective abilities. The activity-dialogic foundation clarifies the developmental mechanism through which interactive platforms influence pedagogical mastery. Mastery is not formed by listening about pedagogy, but by practicing pedagogical action. Therefore, platforms should be organized so that students



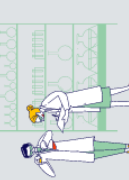
repeatedly perform the core actions of pedagogical work: explaining, questioning, structuring, moderating, evaluating, advising, collaborating, and reflecting. In methodological terms, this means that the educational process should shift from a transmission model to an interactional model. Students need to participate in case analysis, peer microteaching, co-authoring of lesson materials, moderated debates, co-assessment, role-play, design of digital learning tasks, video-based reflection, and iterative revision of their own instructional products. A collaborative whiteboard, a discussion board, a peer-review module, a breakout-room task, or a shared document becomes pedagogically significant only when it is attached to roles and norms that require students to act as novice educators rather than passive recipients. The reflective foundation is especially important because pedagogical mastery is inseparable from the ability to step back from one's own action and interpret it critically. Interactive platforms can substantially strengthen reflection because they preserve traces of pedagogical activity: forum posts, comments, peer feedback, audio or video explanations, quiz attempts, revisions of documents, and portfolio artifacts. Unlike ephemeral oral communication, these traces allow students and instructors to revisit pedagogical episodes, diagnose strengths and weaknesses, compare earlier and later versions of work, and observe the movement from intuitive performance to deliberate professional action. For this reason, the proposed model includes systematic reflective checkpoints: pre-task intention statements, post-task reflection prompts, peer commentary protocols, self-assessment rubrics, and cumulative portfolio synthesis. Such measures transform digital environments from spaces of execution into spaces of pedagogical self-awareness. The ethical-humanistic foundation prevents the common drift toward instrumentalism. Interactive platforms collect data, shape attention, and mediate social relations; they are never neutral. Therefore, development of pedagogical mastery through platforms must include explicit formation of ethical sensitivity related to privacy, authorship, intellectual honesty, respectful communication, inclusivity, and the limits of automation. In practical terms, this means that students should be taught not only how to use AI-assisted or automated platform features, but when to question them, how to verify outputs, how to disclose assistance, and how to keep evaluation fair and educationally meaningful. The assessment-analytic foundation completes the model by showing how pedagogical mastery becomes visible and measurable. Interactive platforms generate data about timing, frequency, participation patterns, quiz performance, revision history, and peer exchange. These analytics are useful only when interpreted pedagogically; otherwise, they reduce learning to activity counts. The model therefore proposes a dual assessment system. The first line is process assessment, which evaluates the quality of student participation in pedagogical actions: clarity of explanations, relevance of questions, depth of peer feedback, responsiveness in discussions, ability to scaffold understanding, and evidence of reflective adjustment. The second line is product assessment, which evaluates artifacts such as lesson fragments, digital tasks, mini-courses, reflective portfolios, observation analyses, or collaborative educational projects. Both lines are linked through rubrics that make mastery criteria explicit. On this basis, the article proposes a five-stage methodological model for higher education. Stage one, diagnostic-motivational, establishes the initial profile of students' pedagogical and digital readiness



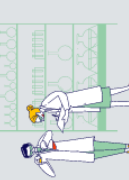
through self-assessment, short practical tasks, and guided discussion of professional values. Stage two, design-constructive, introduces students to the logic of pedagogical planning within interactive environments: defining outcomes, choosing interaction patterns, sequencing tasks, and matching tools to cognitive aims. Stage three, interactive-operational, immerses students in repeated pedagogical action through microteaching, moderated discussion, peer support, case-based tasks, and creation of multimodal educational resources. Stage four, reflective-analytical, organizes systematic review of traces, analytics, peer responses, and self-evaluations so that students begin to think like pedagogues about their own pedagogical behavior. Stage five, corrective-developmental, turns reflection into redesign: students revise plans, improve feedback style, rework digital tasks, and formulate personal professional development goals. This staged model is strengthened by several didactic conditions. First, platform activity must be tied to authentic pedagogical problems rather than arbitrary tasks. Second, interaction norms must be taught explicitly: how to ask a productive question, how to respond critically without aggression, how to synthesize a discussion, how to give formative feedback, and how to cite sources properly. Third, the instructor's role must shift from transmitter to facilitator, diagnostician, and designer of developmental situations. Fourth, multimodality should be used judiciously so that visual, audio, textual, and collaborative elements support cognition rather than produce fatigue. Fifth, institutional support is indispensable: stable access, methodological consultation, reasonable workload, and coherent assessment policy are all necessary for the platform to function as a pedagogical environment. As a result of this synthesis, pedagogical mastery through interactive platforms may be defined as the student's growing capacity to organize, mediate, and improve learning interactions in digitally supported environments through value-based judgment, methodologically sound design, communicative presence, reflective self-correction, and ethically responsible use of educational technologies.

Discussion

The proposed conception has several important implications for contemporary higher education. First, it suggests that the educational value of interactive platforms is fundamentally relational and pedagogical, not merely technical. This conclusion may sound obvious, yet universities repeatedly act as if a better interface will cure a weaker methodology. The literature examined in this article points in the opposite direction. International educational analyses repeatedly stress that digital tools can support or undermine educational quality depending on how they are selected, governed, and pedagogically framed. This perspective is not anti-technology; it is anti-naivety. It implies that the methodological question—how a platform is used, how interaction is designed, what feedback culture exists, how reflection is organized, and how ethical issues are handled—is more decisive than the mere availability of features. Second, the results of this study support the argument that pedagogical mastery in the platform era should be interpreted as a hybrid professional formation in which classical pedagogical qualities and digital pedagogical competence interpenetrate. Research on university teachers' digital competence in different regions is instructive in this regard because it shows that even



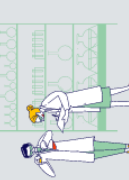
experienced educators often remain in a transitional zone where technical adaptation outpaces deeper pedagogical transformation. This helps explain why students in higher education frequently encounter digitally delivered instruction that is administratively efficient yet pedagogically shallow. When teachers themselves are still developing digital pedagogical judgment, student mastery will also remain partial. Third, the discussion confirms the central role of reflective structures. In a well-organized platform environment, pedagogical activity becomes visible, revisitable, and therefore improvable. Mastery is not a state of permanent flawlessness; it is the disciplined ability to notice inadequacy, interpret it, and redesign practice. Interactive platforms are particularly powerful for this purpose because they preserve evidence of pedagogical action and therefore make revision more concrete. In traditional classroom settings, much of what happens disappears into memory; in digital environments, explanations, responses, timing, revisions, and interactions remain visible. This visibility can serve surveillance, but it can also serve growth. The methodological challenge is to ensure that students experience analytics and trace data as instruments of reflection rather than as mechanisms of pressure. Fourth, studies of engagement suggest that instructor presence remains indispensable even in highly interactive digital settings. Students value instructor engagement most strongly, and peer interaction requires deliberate support and structure to become educationally meaningful. This finding has direct consequences for the development of pedagogical mastery: students cannot learn pedagogical interaction in environments where facilitation is absent or weak. A platform filled with resources but empty of guidance resembles a library where every book has somehow misplaced its table of contents—visually respectable, educationally suspicious. Fifth, the present model extends existing competence frameworks by treating students not only as learners of content but as emerging pedagogical actors. International models mainly describe what educators need to do; the contribution of this article is to translate those expectations into a developmental route for university students, especially in teacher education. In this sense, interactive platforms become rehearsal spaces for professional identity formation. Students learn not simply to consume tasks, but to construct explanations, manage dialogue, support peers, make assessment decisions, and revise instructional designs. Sixth, the rise of AI-enhanced educational tools intensifies rather than diminishes the need for pedagogical mastery. Automated systems can generate materials, examples, outlines, and feedback-like text at high speed, creating the illusion that pedagogical labor has been solved by technology. Yet genuine pedagogical mastery lies precisely in what automation cannot responsibly determine on its own: the ethical appropriateness of a learning task, the emotional tone of feedback, the diagnosis of misunderstanding, the balance between challenge and support, the adaptation to a real learner's context, and the protection of fairness and trust. Therefore, interactive platforms enriched with AI should be integrated as reflective assistants, not as replacements for pedagogical judgment. Finally, this article has limitations that should be acknowledged openly. It is a scientific-methodological synthesis, not an experimental intervention, and therefore it proposes a model rather than statistically testing one. Its strength lies in conceptual integration and practical applicability; its next stage should be empirical validation in university programs through quasi-experimental or mixed-method



designs, with comparison of student cohorts, rubric-based assessment of pedagogical mastery, analysis of platform traces, and interviews on reflective growth. Even so, the current synthesis is sufficiently grounded to argue that interactive platforms can become powerful environments for developing students' pedagogical mastery when the educational process is reoriented from content delivery toward guided interaction, from activity counting toward quality of pedagogical action, and from digital enthusiasm toward methodologically disciplined innovation.

Conclusion

The scientific and methodological foundations for developing students' pedagogical mastery through interactive platforms rest on a simple but often neglected principle: educational technology becomes pedagogically productive only when it is governed by the logic of human development, not by the logic of technical novelty. Within this article, pedagogical mastery has been reinterpreted as an integrative quality that combines value-based professional orientation, methodological literacy, communicative presence, organizational intelligence, reflective self-correction, and ethical-digital judgment. Interactive platforms can support the formation of this quality because they enable multimodal communication, traceable practice, staged collaboration, structured feedback, self-assessment, and revision of learning artifacts. However, none of these possibilities is self-executing. Their developmental power emerges only when higher education institutions organize platform use as a coherent pedagogical system with clear outcomes, authentic tasks, facilitative teaching, inclusive access, reflective checkpoints, and transparent assessment criteria. The five-stage model proposed in this article—diagnostic-motivational, design-constructive, interactive-operational, reflective-analytical, and corrective-developmental—offers a methodological route for such organization and may be adapted to teacher education, pedagogical specialties, and broader university contexts where students' ability to explain, guide, support, and evaluate others is professionally significant. The broader conclusion is that the digital future of pedagogy will not be determined by platforms themselves, but by the quality of pedagogical reasoning with which they are used. Where platforms become spaces of co-thinking, ethical responsibility, and reflective practice, they strengthen pedagogical mastery; where they remain mere channels for uploading files and recording attendance, they modernize the furniture while leaving the teaching spiritually unrenovated. From a practical standpoint, the implementation of this model in universities requires a coordinated sequence of actions: diagnosis of students' digital-pedagogical readiness at program entry, gradual inclusion of interactive assignments in subject modules, continuous mentor feedback, portfolio-based monitoring of professional growth, and regular revision of assessment tools so that they capture not only final products but also the quality of pedagogical interaction. At the institutional level, it is advisable to combine platform infrastructure with methodological workshops for instructors, local guidelines on ethical use of digital resources and artificial intelligence, and support mechanisms for students who experience unequal access or low digital confidence. Only under such conditions can interactive platforms move from being optional technical supplements to becoming stable environments for the formation of



pedagogically mature, reflective, communicatively competent, and socially responsible university graduates.

References

1. Cabero-Almenara, J., Gutiérrez-Castillo, J.-J., Barroso-Osuna, J., & Rodríguez-Palacios, A. (2023). Digital Teaching Competence According to the DigCompEdu Framework: Comparative Study in Different Latin American Universities. *Journal of New Approaches in Educational Research*, 12(2), 276–291.
2. European Commission. (2022). SELFIE for TEACHERS Toolkit. Brussels: European Commission.
3. Garrison, D. R., Anderson, T., & Archer, W. (2000). Critical inquiry in a text-based environment: Computer conferencing in higher education. *The Internet and Higher Education*, 2(2), 87–105.
4. Garrison, D. R., Anderson, T., & Archer, W. (2001). Critical thinking, cognitive presence, and computer conferencing in distance education. *American Journal of Distance Education*, 15(1), 7–23.
5. Martin, F., & Borup, J. (2022). Online learner engagement: Conceptual definitions, research themes, and supportive practices. *Educational Psychologist*, 57(3), 162–177.
6. OECD. (2024). *Education Policy Outlook 2024*. Paris: OECD Publishing.
7. Perifanou, M., & Economides, A. A. (2022). Digital competencies for online teachers. *Journal of Educators Online*, 19(3).
8. Redecker, C. (2017). *European Framework for the Digital Competence of Educators: DigCompEdu*. Luxembourg: Publications Office of the European Union.
9. Tafese, M. B., & Kopp, E. (2024). Teacher professional development and technological proficiency of educators: Empirical evidence from higher education institutions. *Journal of Educational Sciences*, 25(2), 45–63.
10. Tong, D. H., Nguyen, T.-T., Uyen, B. P., & Ngan, L. K. (2023). Using m-learning in teacher education: A systematic review of demographic details, research methodologies, pre-service teacher outcomes, and advantages and challenges. *Contemporary Educational Technology*, 15(4), ep482.
11. Turk, M., Toraman Turk, S., Muftuoglu, A. C., Karakaya, O., & Karakaya, K. (2024). Students' expectations and experiences about engagement strategies in online courses: A mixed methods study. *Online Learning*, 28(2), 1–29.
12. UNESCO. (2023). *Guidance for Generative AI in Education and Research*. Paris: UNESCO.
13. UNESCO. (2023). *Global Education Monitoring Report 2023: Technology in Education*. Paris: UNESCO.
14. UNESCO. (2023). *UNESCO ICT Competency Framework for Teachers*. Paris: UNESCO.

