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- 13.00.00 Pedagogika fanlari
- 13.00.01 Pedagogika nazariyasi. Pedagogik ta'limotlar tarixi
- 13.00.02 Ta'lim va tarbiya nazariyasi va metodikasi (sohalar bo'yicha)
- 13.00.03 Maxsus pedagogika
- 13.00.04 Jismoniy tarbiya va sport mashg'ulotlari nazariyasi va metodikasi
- 13.00.05 Kasb-hunar ta'limi nazariyasi va metodikasi
- 13.00.06 Elektron ta'lim nazariyasi va metodikasi (ta'lim sohaları va bosqichlari bo'yicha)
- 13.00.07 Ta'limda menejment
- 13.00.08 Maktabgacha ta'lim va tarbiya nazariyasi va metodikasi
- 13.00.09 Ijtimoiy pedagogika
- 07.00.00 Tarix fanlari
- 19.00.00 Psixologiya fanlari
- 01.00.00 Fizika-matematika fanlari
- 02.00.00 Kimyo fanlari
- 03.00.00 Biologiya fanlari
- 09.00.00 Falsafa fanlari
- 10.00.00 Filologiya fanlari
- 11.00.00 Geografiya fanlari

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Pedagogika, psixologiya fanlariga ixtisoslashgan ilmiy jurnal



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PEDAGOGICAL AND MANAGERIAL FACTORS IN DEVELOPING COMMUNICATIVE CREATIVITY AMONG HIGHER EDUCATION LEADERS

Mamatova Khilola Mukhiddinovna

vice rector for youth affairs and spiritual-educational work,
Gulistan state pedagogical institute, Uzbekistan

Abstract: The development of communicative creativity among higher education leaders represents a critical dimension of contemporary university governance and pedagogical advancement. This article examines the pedagogical and managerial factors influencing the formation of communicative creativity in academic leadership. Using systematic observation of leadership practices across multiple higher education institutions, the study identifies mentoring culture, collaborative learning environments, reflective practice mechanisms, and dialogic teaching approaches as the principal pedagogical factors. It also establishes decentralized decision-making, participatory governance, flexible resource allocation, and effective institutional communication as the major managerial factors. The findings demonstrate that communicative creativity emerges through the synergistic interaction of pedagogical development and managerial optimization. The study contributes to the theoretical understanding of higher education leadership in transitional educational systems and provides practical recommendations for leadership development programs in Uzbekistan and comparable higher education contexts.

Key words: communicative creativity, higher education leadership, pedagogical factors, managerial factors, systematic observation, academic governance.

Annotatsiya: Mazkur maqolada oliy ta'lim muassasalari rahbarlarida kommunikativ kreativlikni rivojlantirishga ta'sir etuvchi pedagogik va boshqaruv omillari tahlil qilingan. Tadqiqot davomida bir nechta oliy ta'lim muassasalarida rahbarlik faoliyati tizimli kuzatish metodi asosida o'rganildi. Natijada mentorlik madaniyati, hamkorlikka asoslangan o'quv muhiti, refleksiv amaliyot va dialogik ta'lim yondashuvlari kommunikativ kreativlikni rivojlantiruvchi asosiy pedagogik omillar sifatida aniqlandi. Shuningdek, markazlashmagan qaror qabul qilish tizimi, ishtirokchilikka asoslangan boshqaruv, resurslardan moslashuvchan foydalanish hamda samarali institutsional kommunikatsiya boshqaruvning muhim omillari sifatida ilmiy asoslandi. Tadqiqot natijalari kommunikativ kreativlik pedagogik rivojlantirish va boshqaruv mexanizmlarining o'zaro uyg'unligi asosida shakllanishini ko'rsatdi. Olingan natijalar O'zbekiston oliy ta'lim tizimida rahbar kadrlarni tayyorlash va ularning kasbiy kompetensiyalarini rivojlantirish bo'yicha amaliy tavsiyalar ishlab chiqishga xizmat qiladi.

Kalit so'zlar: kommunikativ kreativlik, oliy ta'lim rahbarlari, pedagogik omillar, boshqaruv omillari, kuzatish metodi, akademik boshqaruv.

Аннотация: В статье рассматриваются педагогические и управленческие факторы, влияющие на развитие коммуникативной креативности руководителей высших учебных заведений. Исследование основано на систематическом наблюдении за управленческой деятельностью в нескольких университетах. В результате установлено, что культура наставничества, совместная образовательная среда, механизмы рефлексивной практики и диалогические методы обучения являются ключевыми педагогическими факторами развития коммуникативной креативности. Одновременно научно обоснована значимость децентрализованного принятия решений, моделей партисипативного управления, гибкого распределения ресурсов и эффективных институциональных коммуникаций как важнейших управленческих факторов. Полученные результаты свидетельствуют о том, что коммуникативная креативность руководителей формируется в результате синергии педагогического развития и совершенствования управленческих механизмов. Выводы исследования имеют практическое значение для совершенствования подготовки руководящих кадров системы высшего образования Республики Узбекистан.

Ключевые слова: коммуникативная креативность, руководители высшего образования, педагогические факторы, управленческие факторы, метод наблюдения, академическое управление.



INTRODUCTION

The contemporary landscape of higher education requires leadership capacities that extend beyond traditional administrative competencies. In an era characterized by rapid technological transformation, the globalization of knowledge, and growing societal expectations, university leaders are expected to demonstrate communicative creativity—the ability to generate innovative, contextually appropriate, and effective communication strategies that advance institutional goals while fostering inclusive academic communities ^[1].

This competency has become particularly significant in transitional higher education systems, including those of Central Asian countries, where historical traditions of centralized governance intersect with contemporary demands for participatory, adaptive, and innovation-oriented leadership models ^[2].

Within the field of educational leadership, communicative creativity is understood as a multidimensional competence encompassing the ability to articulate strategic visions persuasively, reconcile diverse stakeholder interests, establish collaborative problem-solving environments, and flexibly adapt communication strategies to changing organizational contexts ^[3].

Unlike conventional communication skills, communicative creativity emphasizes the capacity to develop original and effective responses to novel managerial and educational challenges. For leaders operating within the complex organizational structures of higher education institutions, this competence plays a decisive role in ensuring successful strategic implementation, strengthening faculty engagement, and promoting sustainable institutional development. The development of communicative creativity should not be viewed solely as an individual psychological characteristic. Rather, it is a socially constructed professional competence shaped by institutional culture, pedagogical practices, and organizational management systems ^[4].

Higher education institutions combine elements of academic collegiality with formal administrative governance, creating a distinctive environment in which communicative creativity must be fostered through both pedagogical processes and effective managerial support ^[5]. Consequently, the cultivation of this competence depends not only on individual leadership qualities but also on organizational conditions that encourage collaboration, innovation, and reflective professional practice.

In Uzbekistan, where the higher education system is undergoing comprehensive modernization and internationalization, the development of communicative creativity among university leaders has become an important strategic priority. Ongoing reforms initiated under the Presidential Decree on the Development of Higher Education (2017) and subsequent policy initiatives have emphasized the preparation of academic leaders capable of implementing innovative governance practices and strengthening international academic cooperation ^[6].

Despite these policy priorities, empirical research examining the pedagogical and managerial conditions that facilitate the development of communicative creativity among higher education leaders remains limited within national and regional scholarship. To address this research gap, the present study systematically investigates the pedagogical and managerial factors that contribute to the development of communicative creativity among higher education leaders. Using a structured scientific observation methodology, the study identifies, classifies, and theoretically substantiates the organizational and educational conditions that support the formation of this essential leadership competence in contemporary higher education institutions.

LITERATURE REVIEW

The concept of communicative creativity is grounded in several complementary theoretical traditions that explain the cognitive, social, pedagogical, and organizational foundations of creative communication. Early psychological research on creativity primarily focused on cognitive abilities, personality characteristics, and environmental influences that stimulate creative performance ^[7]. More recent studies, however, emphasize that creativity is not only an individual cognitive process but also a communicative phenomenon through which ideas are generated, shared, negotiated, and validated within social interaction.

In this regard, Guilford's ^[8] distinction between divergent and convergent thinking provides an important theoretical basis for understanding leadership communication. Divergent thinking enables leaders to generate multiple communication strategies, whereas convergent thinking supports the selection of the most appropriate solution for a specific organizational context. The sociocultural perspective, originating from Vygotsky's theory and further developed by contemporary researchers, offers an additional explanation of communicative creativity as a socially constructed competence ^[9].

According to this approach, communicative creativity develops through participation in collaborative activities, dialogue, and culturally mediated interactions rather than emerging solely from innate individual abilities. For leaders in higher education institutions, communicative creativity is therefore cultivated through continuous engagement in academic and administrative communities where reflective dialogue, collaborative decision-making, and professional interaction become integral elements of leadership practice.

The unique organizational characteristics of universities create distinctive communicative challenges for institutional leaders. Birnbaum^[10] described higher education institutions as “loosely coupled systems,” in which administrative authority coexists with a high degree of academic autonomy. Under such conditions, effective leadership depends less on hierarchical control and more on persuasion, negotiation, coalition building, and symbolic communication. Consequently, university leaders must continually develop innovative communication strategies capable of reconciling institutional accountability with academic freedom and professional independence. Within post-Soviet educational systems, including Uzbekistan, the development of communicative creativity is influenced by additional historical and cultural factors.

The legacy of centralized administrative governance established communication patterns characterized primarily by vertical information flows, while opportunities for horizontal collaboration and participatory dialogue remained relatively limited^[11]. Current educational reforms aimed at institutional modernization and internationalization require a fundamentally different leadership model based on openness, partnership, collaborative governance, and organizational innovation. These transformations significantly increase the importance of communicative creativity as a professional leadership competency. The pedagogical foundations of leadership development have been widely explored within adult education and higher education research. Mezirow's theory of transformative learning^[12] argues that professional growth occurs through critical reflection, exposure to alternative perspectives, and meaningful dialogue. From this perspective, communicative creativity develops when educational experiences encourage leaders to question established communication patterns, experiment with alternative approaches, and reflect critically on their professional practice. Such pedagogical environments promote adaptive thinking, innovative problem-solving, and continuous professional development.

Research conducted within the context of Uzbek higher education supports these theoretical perspectives. Kuchkarov^[13] emphasized that case-based learning, situational analysis, and collaborative problem-solving represent effective approaches for developing administrative and leadership competencies among university managers. Likewise, Vohidova^[14] highlighted the importance of mentoring relationships and professional learning communities in facilitating the transfer of tacit leadership knowledge, including advanced communicative competencies. These findings are consistent with international research, which increasingly conceptualizes leadership development as a socially situated, practice-oriented learning process rather than the acquisition of theoretical knowledge alone. Organizational theory provides an additional framework for understanding the environmental conditions that support communicative creativity.

Burns and Stalker's^[15] distinction between mechanistic and organic organizational structures remains particularly relevant to higher education leadership. Organic organizations, characterized by decentralized decision-making, flexible role distribution, lateral communication, and collaborative work practices, create favorable conditions for creative leadership behavior. Within universities, such managerial arrangements provide leaders with the autonomy, institutional support, and collaborative opportunities necessary to experiment with innovative communication strategies and adaptive leadership practices.

Similarly, Saidahmedov^[16], analyzing recent reforms in Uzbekistan's higher education management system, identified the transition from rigid bureaucratic administration toward flexible, results-oriented governance as one of the central directions of institutional modernization. According to his analysis, this transformation requires university leaders capable of establishing effective communication across organizational units, strengthening institutional collaboration, and facilitating organizational learning. Consequently, the interaction between pedagogical preparation and managerial support emerges as a fundamental theoretical framework for understanding the development of communicative creativity among higher education leaders. Overall, the reviewed literature demonstrates that communicative creativity is a multidimensional leadership competence formed through the interaction of cognitive, sociocultural, pedagogical, and organizational factors. Although existing studies provide valuable theoretical insights into creativity, leadership development, and organizational communication, relatively little empirical attention has been devoted to identifying the specific pedagogical and managerial conditions that foster communicative creativity among higher education leaders in transitional educational systems. Addressing this gap constitutes the primary focus of the present study.

RESEARCH METHODOLOGY

This study adopted a qualitative research design employing systematic scientific observation as the principal methodological approach. The selection of observation rather than standardized quantitative instruments was theoretically justified by the nature of communicative creativity, which manifests as a context-dependent leadership practice embedded within everyday organizational interactions. Because communicative creativity develops through dynamic social processes and institutional communication, quantitative indicators alone are insufficient to capture the pedagogical and managerial conditions that shape its development^[17]. Systematic observation conducted through structured protocols over an extended period enabled the identification of



recurring behavioral patterns, contextual variations, and organizational factors influencing leaders' communicative practices. The empirical research was conducted in six higher education institutions in Uzbekistan selected through purposive sampling to ensure variation in institutional characteristics. The sample included comprehensive universities, specialized institutes, and pedagogical universities representing different geographical regions and varying levels of engagement in higher education reform initiatives. Such diversity enhanced the transferability of the findings and allowed for comparative analysis across different institutional environments. Observations were carried out at three administrative levels within each institution: the rectorate, faculty deanships, and academic departments. This multilevel design made it possible to examine communicative creativity across different leadership roles and organizational responsibilities. A total of 42 university administrators—including rectors, vice-rectors, deans, and heads of departments—participated in the study while performing their routine professional duties. All participants provided informed consent before the commencement of data collection and were fully informed about the observational nature and objectives of the research. Ethical principles of confidentiality, anonymity, and non-interference with institutional activities were strictly maintained throughout the study.

Data collection was conducted over a four-month period using a structured observation protocol specifically developed for this research. The protocol was designed on the basis of the theoretical framework established in the literature review and consisted of two major dimensions: pedagogical conditions and managerial conditions influencing communicative creativity. Within these dimensions, particular attention was given to indicators such as collaborative communication, openness to dialogue, flexibility in communicative decision-making, creative problem-solving, participatory leadership practices, feedback culture, conflict management, interdisciplinary cooperation, and reflective communication. Observations were undertaken during regular leadership activities, including administrative meetings, strategic planning sessions, faculty discussions, professional development events, institutional decision-making processes, and informal professional interactions. To minimize observer bias, detailed field notes were recorded immediately following each observation session using standardized documentation procedures. Repeated observations across different contexts enabled triangulation of behavioral patterns and strengthened the credibility and dependability of the collected data. The collected qualitative data were analyzed using thematic analysis. Initially, observational records were subjected to open coding to identify recurring behavioral patterns associated with communicative creativity. Similar codes were subsequently grouped into broader thematic categories reflecting pedagogical and managerial conditions. Through iterative comparison and refinement, the emerging themes were interpreted in relation to the theoretical concepts discussed in previous research, allowing the development of an integrated conceptual framework describing the organizational conditions that foster communicative creativity among higher education leaders.

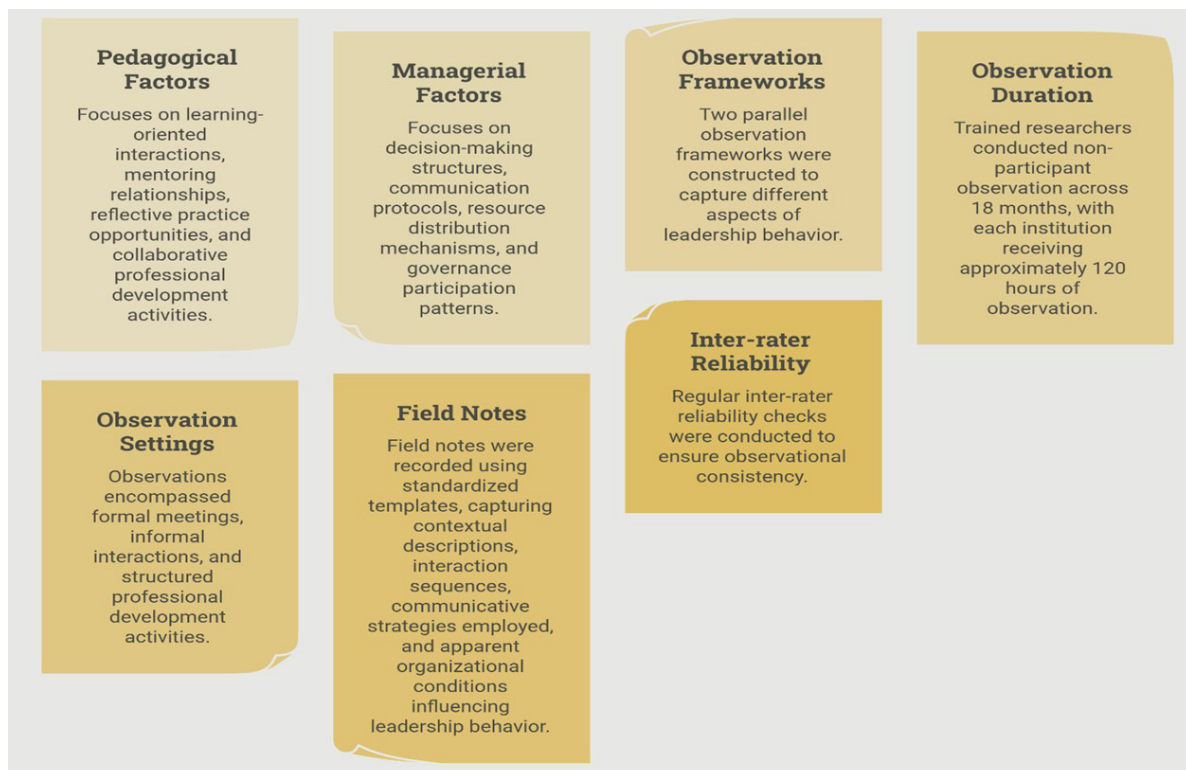


Figure 1: Observation Framework of the Study

To enhance the trustworthiness of the findings, several qualitative quality assurance strategies were employed. Prolonged engagement in the research sites, repeated observations across multiple institutional contexts, systematic coding procedures, and continuous comparison of observational data contributed to the credibility of the analysis. Furthermore, maintaining detailed observation records and ensuring consistency in the application of the observation protocol supported the dependability and confirmability of the research process. Overall, the chosen methodological design provided a comprehensive understanding of communicative creativity as a socially situated leadership competence and enabled the identification of the pedagogical and managerial conditions that facilitate its development within contemporary higher education institutions.

ANALYSIS AND RESULTS

The observational data were analyzed using thematic analysis. During the initial stage, open coding was employed to identify descriptive categories representing pedagogical and managerial conditions observed within institutional settings. Subsequently, axial coding was conducted to explore relationships between these conditions and manifestations of communicative creativity in leadership practice. Through continuous comparison across the six participating higher education institutions, recurring themes were identified, refined, and conceptually integrated into a coherent theoretical framework. To enhance the credibility of the findings, preliminary interpretations were validated through member checking with selected participants, allowing confirmation of the observed patterns and clarification of context-specific interpretations. Systematic observation across the six higher education institutions identified several pedagogical conditions that consistently influenced the development and expression of communicative creativity among university leaders. Rather than relying on quantitative indicators, these findings emerged from recurrent behavioral patterns observed in authentic leadership situations, where communicative creativity developed in conjunction with specific educational and organizational conditions. Observational evidence consistently demonstrated that leaders exhibiting high levels of communicative creativity had commonly developed their leadership competencies through long-term mentoring relationships with experienced university administrators. Unlike conventional professional development programs, these mentoring relationships provided continuous, practice-oriented guidance in which novice leaders gradually participated in increasingly complex communicative situations. Through observation, participation, and guided reflection, emerging leaders acquired tacit communicative knowledge that could not easily be transmitted through formal instruction alone.

Institutions with well-established mentoring systems demonstrated a noticeably faster development of communicative competence among newly appointed deans and department heads. Mentoring supported the acquisition of context-sensitive communication strategies, including effective timing of communication, adaptation to different stakeholder groups, persuasive framing of institutional initiatives, and constructive management of organizational conflict. The findings indicate that mentoring functions not merely as professional supervision but as an essential pedagogical mechanism through which communicative creativity develops through situated learning and experiential knowledge transfer. A second pedagogical factor identified through observation was the existence of collaborative professional learning communities. Universities that regularly organized peer discussion groups, administrative seminars, leadership forums, case-study workshops, and interdisciplinary meetings created environments that encouraged continuous professional dialogue and collaborative knowledge construction. Leaders actively participating in these communities displayed greater confidence in experimenting with innovative communication strategies and demonstrated higher flexibility when responding to unfamiliar organizational challenges. Exposure to diverse perspectives enabled administrators to broaden their repertoire of communicative approaches while simultaneously strengthening reflective thinking and collaborative problem-solving skills. Importantly, these professional communities created psychologically safe environments where leaders could openly discuss unsuccessful experiences, exchange alternative solutions, and test unconventional communication strategies without immediate organizational consequences. The findings suggest that collaborative learning communities contribute significantly to communicative creativity by facilitating social learning, professional reflection, and continuous exchange of leadership experiences.

The observations also revealed a strong association between reflective professional practice and communicative creativity. Institutions that systematically encouraged reflective activities—including post-meeting debriefings, leadership reflection journals, peer consultations, coaching sessions, and structured feedback discussions—provided favorable conditions for developing adaptive communication skills. Leaders who regularly reflected on their communicative experiences demonstrated greater awareness of contextual variables influencing organizational interactions. They were more capable of critically evaluating previous communication strategies, identifying successful practices, recognizing communication barriers, and modifying their approaches according to changing institutional circumstances. Observation further indicated that reflective practice transformed everyday administrative experiences into valuable learning opportunities. Rather than



repeatedly applying habitual communication patterns, reflective leaders continuously refined their communicative behavior, thereby strengthening their capacity to generate creative and contextually appropriate solutions to emerging organizational challenges. A fourth pedagogical condition identified through systematic observation was the presence of dialogic and participatory institutional cultures. Universities characterized by student-centered teaching, collaborative learning, critical discussion, and open academic dialogue demonstrated organizational cultures in which communicative creativity extended beyond the classroom into administrative leadership practices.

Within these institutions, administrative communication was likewise characterized by openness, active listening, collaborative decision-making, and mutual respect among organizational members. Leaders frequently encouraged dialogue rather than one-way information transmission, actively sought multiple perspectives before making decisions, and promoted shared responsibility for institutional development. The observations indicated that pedagogical practices emphasizing dialogue and collaboration gradually became embedded within the broader organizational culture. Consequently, university leaders operating within such environments demonstrated greater communicative flexibility, stronger interpersonal sensitivity, and increased capacity to construct shared understanding among diverse stakeholder groups. These findings support the view that communicative creativity develops most effectively in institutional cultures where dialogue, participation, and collaborative meaning-making constitute fundamental organizational values. Overall, the observational findings demonstrate that communicative creativity is not solely an individual leadership characteristic but a competence systematically cultivated through specific pedagogical conditions embedded within institutional practice. Mentoring relationships, collaborative professional learning communities, reflective practice, and dialogic organizational culture collectively create educational environments that enable university leaders to develop innovative, adaptive, and contextually responsive communication strategies.

Table 1: Pedagogical and Managerial Factors in Developing Communicative Creativity Among Higher Education Leaders (Identified Through Systematic Observation)

| Category | Factor | Observational Manifestation | Developmental Mechanism |
|--------------------|---|---|---|
| Pedagogical | Mentoring and Apprenticeship Relationships | Novice leaders observed and participated in complex communicative negotiations under experienced administrator guidance | Tacit knowledge transfer through modeled practice |
| Pedagogical | Collaborative Professional Learning Communities | Regular peer discussion groups and case study circles provided exposure to diverse communicative models | Safe spaces for communicative experimentation and peer learning |
| Pedagogical | Reflective Practice Mechanisms | Structured debriefing and reflective consultations accompanied administrative experience | Transformation of routine experience into processed learning |
| Pedagogical | Dialogic and Participatory Pedagogical Cultures | Institution-wide emphasis on dialogue and collaboration permeated administrative practice | Organizational cultural expectation of dialogic leadership |
| Pedagogical | Interdisciplinary Exposure | Cross-faculty appointments and multi-sectoral engagement expanded communicative frameworks | Cognitive broadening and discursive repertoire expansion |
| Managerial | Decentralized Decision-Making Architecture | Substantive autonomy at faculty and department levels necessitated negotiated governance | Communicative demand creation through distributed authority |
| Managerial | Participatory Governance Mechanisms | Academic councils and faculty senates exercised genuine deliberative authority | Structural mandate for persuasive, inclusive communication |
| Managerial | Flexible Resource Allocation Systems | Discretionary authority over financial, human, and temporal resources enabled strategic alignment | Material capacity to support communicative initiatives |
| Managerial | Lateral Communication Infrastructure | Cross-departmental committees and networking platforms reduced information silos | Boundary-spanning opportunity creation |
| Managerial | Performance Evaluation and Feedback Systems | Qualitative assessment of leadership communication through multi-source feedback | Intentionality and continuous refinement motivation |

The findings of this observational study provide empirical evidence that the development of communicative creativity among higher education leaders is determined by the interaction of pedagogical cultivation and managerial support. Through systematic scientific observation rather than abstract theoretical reasoning, the study identified five pedagogical and five managerial factors that collectively constitute an empirically grounded framework for fostering communicative creativity within higher education institutions. The identified pedagogical factors demonstrate that communicative creativity develops through socially situated learning rather than through traditional didactic instruction. This finding is consistent with Vygotsky's sociocultural theory [9], which emphasizes that higher-order professional competencies emerge through participation in collaborative social activities.

Similarly, the results support contemporary situated learning theory, according to which leadership competencies are acquired through legitimate participation in professional communities rather than through the passive transmission of theoretical knowledge. In particular, the observation that mentoring relationships represent the most influential pedagogical factor confirms Gulyamov's [18] conclusion regarding the continuing importance of the traditional *ustoz–shogird* (mentor–apprentice) model in the preparation of higher education leaders in Uzbekistan. The managerial factors identified in the study indicate that communicative creativity requires organizational environments that both encourage and enable innovative communication practices. This observation supports organizational theories suggesting that creative behavior is strongly influenced by environmental conditions rather than individual characteristics alone [7]. Within the context of Uzbekistan's higher education reforms, where administrative systems have traditionally been characterized by centralized governance and hierarchical communication, the findings highlight the importance of decentralization, participatory decision-making, and collaborative governance as essential organizational conditions for strengthening communicative creativity. These findings are also consistent with Karimov's [19] vision of educational modernization, which emphasizes that democratization of higher education governance should be accompanied by the development of innovative leadership competencies.

An important outcome of this study is the observed interdependence between pedagogical and managerial factors. The findings indicate that neither leadership training conducted in isolation nor structural reforms implemented without corresponding professional development initiatives are sufficient to produce sustainable improvements in communicative creativity. Instead, meaningful development requires the simultaneous integration of pedagogical support and organizational transformation. This conclusion is closely aligned with Fullan's [20] theory of educational change, which argues that sustainable institutional improvement depends upon coherence across multiple organizational dimensions rather than isolated interventions. Overall, the findings extend existing theoretical perspectives by demonstrating that communicative creativity should be understood not only as an individual leadership competence but also as an organizationally embedded phenomenon that develops through continuous interaction between educational processes and institutional management systems.

CONCLUSION

This study employed systematic scientific observation to investigate the pedagogical and managerial conditions influencing the development of communicative creativity among higher education leaders across six universities in Uzbekistan. The findings identified five key pedagogical factors—mentoring relationships, collaborative professional learning communities, reflective practice mechanisms, dialogic institutional culture, and interdisciplinary professional exposure—as fundamental developmental mechanisms through which communicative creativity is cultivated. In addition, the study identified five managerial factors—decentralized decision-making, participatory governance, flexible resource allocation, lateral communication infrastructure, and communicative performance evaluation—as organizational conditions that create opportunities for innovative leadership communication and facilitate the practical application of communicative creativity within institutional management. The findings demonstrate that communicative creativity emerges through the dynamic interaction of pedagogical development and managerial optimization. Professional development initiatives alone cannot fully enhance communicative creativity without supportive organizational structures, while managerial reforms cannot achieve their intended outcomes without systematic leadership development. Therefore, sustainable improvement requires an integrated institutional approach that simultaneously develops leaders' professional competencies and establishes organizational environments conducive to creative communication.

These findings have important practical implications for the continuing modernization of Uzbekistan's higher education system. Leadership development programs should prioritize long-term mentoring, reflective professional practice, collaborative learning communities, and interdisciplinary professional exchange. At the same time, institutional reforms should strengthen participatory governance, promote decentralized management, improve horizontal communication mechanisms, and encourage organizational cultures that value inno-



vation, collaboration, and dialogue. Such an integrated approach will enhance the capacity of higher education leaders to communicate effectively, manage organizational change, and respond creatively to emerging educational challenges. Future research should adopt longitudinal research designs to examine how pedagogical and managerial interventions interact over time in shaping communicative creativity. Comparative investigations involving different national higher education systems would further clarify the extent to which the identified factors are context-specific or universally applicable across diverse educational environments.

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- 13.00.00 Pedagogika fanlari
 - 13.00.01 Pedagogika nazariyasi. Pedagogik ta'limotlar tarixi
 - 13.00.02 Ta'lim va tarbiya nazariyasi va metodikasi (sohalar bo'yicha)
 - 13.00.03 Maxsus pedagogika
 - 13.00.04 Jismoniy tarbiya va sport mashg'ulotlari nazariyasi va metodikasi
 - 13.00.05 Kasb-hunar ta'limi nazariyasi va metodikasi
 - 13.00.06 Elektron ta'lim nazariyasi va metodikasi (ta'lim sohaları va bosqichlari bo'yicha)
 - 13.00.07 Ta'limda menejment
 - 13.00.08 Maktabgacha ta'lim va tarbiya nazariyasi va metodikasi
 - 13.00.09 Ijtimoiy pedagogika
 - 07.00.00 Tarix fanlari
 - 19.00.00 Psixologiya fanlari
 - 01.00.00 Fizika-matematika fanlari
 - 02.00.00 Kimyo fanlari
 - 03.00.00 Biologiya fanlari
 - 09.00.00 Falsafa fanlari
 - 10.00.00 Filologiya fanlari
 - 11.00.00 Geografiya fanlari



MAKTABGACHA VA MAKTAB TA'LIMI

Mas'ul muharrir: Ramzidin Ashurov

Ingliz tili muharriri: Murod Xoliyorov

Musahhih: Alibek Zokirov

Sahifalovchi va dizayner: Iskandar Islomov

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