

Reimaging Educational Management in the AI Era

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HOW TO CITE:

Sadagat Fatullayeva, Gunay Huseynzade, Zarovshan Babayeva, Gunay Sadigova, Samira Aliyeva Matanat Asgarova (2026). Reimaging Educational Management in the AI Era. International Journal of Special Education, 41(13s), 830-846

ABSTRACT:

The increasing use of artificial intelligence (AI) in education has mostly concentrated on aspects of teaching and learning, with little research done on how it affects educational administration. By investigating stakeholder awareness, perceived benefits, implementation difficulties, and ethical issues related to AI in educational governance, this study fills this knowledge gap. A structured online questionnaire with both closed-ended and open-ended questions was used to gather data from 101 participants, including students, faculty, administrators, and IT professionals, using a mixed-methods approach. According to the quantitative findings, more than two-thirds of participants are moderately to highly familiar with AI applications, and they especially value how it can be used to analyze student performance, create curricula, and automate administrative tasks. Nonetheless, a number of difficulties were commonly brought up, including inadequate technical infrastructure, a lack of employee training, and data privacy issues. The qualitative thematic analysis showed that although stakeholders agree that AI has benefits, they are against AI taking the place of human judgment, emphasizing the importance of empathy, moral judgment, and contextual awareness. According to the study's findings, AI should be used in educational management as an auxiliary tool rather than as a replacement. A strong foundation of adequate infrastructure, ongoing professional development, and well-defined ethical governance are necessary for effective implementation. For institutional leaders and legislators looking to carefully and responsibly integrate AI into educational frameworks, these insights provide insightful guidance.

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Keywords: AI in education; educational management; AI integration; ethical issues with AI; educational decision-making; digital transformation in schools.

I. INTRODUCTION

The rapid development of artificial intelligence (AI) is changing many sectors, including education. Even though AI technologies have significantly improved personalized learning, content delivery, and data-driven decision-making, little is known about how they will affect educational administration. AI presents a unique opportunity to reconsider the governance, operation, and evaluation of educational institutions worldwide as they strive to become more efficient, flexible, and student-focused.

Even with the growing interest, there is still a significant knowledge vacuum regarding how AI is perceived and used at the managerial level in educational establishments. With little attention to administrative and strategic applications like curriculum development, student performance analytics, human resource management, and policy formulation, the bulk of current research focuses on AI's role in teaching and learning. Our ability to fully utilize AI's potential in education is limited by the lack of focused research on its managerial aspects. By investigating the awareness, attitudes, difficulties, and expectations surrounding AI in educational management, this study seeks to close this gap. How well do different educational stakeholders comprehend AI tools and their management applications? is one of the main research questions.

This study offers empirical insights into the evolving role of AI in education by analyzing survey responses from a wide range of students, educators, administrators, and IT professionals. The findings are intended to serve as a guide for educational technology developers, policymakers, and institutional leaders on how to integrate AI in a way that is inclusive, moral, and efficient. In the end, this study supports the development of forward-thinking approaches that balance the development of technology with the fundamental human values of education.

II. LITERATURE REVIEW

Adaptive learning, assessment techniques, policy frameworks, and administrative duties are all covered in the vastly growing body of literature on AI in education. The authors in

article [1] offer a thorough taxonomic analysis of 194 studies, separating proactive AI interventions (like scheduling and admissions) from reactive ones (like performance evaluation) and emphasizing how little classroom prototypes have been translated into institution-wide deployments. The research in article [2] offers a Transparency Index Framework that was created in cooperation with practitioners to address issues with accountability and interpretability in AI-based learning tools. The authors in article [3] perform bibliometric and content analyses of over 2,200 articles, showing that while research on Artificial Intelligence in Education (AIED) is dominated by adaptive and analytical systems, topics like ethical governance and strategic management are given less attention. The authors in article [4] develop an AI-powered adaptive assistant that has potential for instant classroom use but falls short in addressing scalability in institutional infrastructures. The authors in article [5] offer a university AI policy framework that emphasizes ethics, infrastructure, and governance; however, it has not been empirically validated in a variety of institutional contexts.

The authors in article [6] provide a scoping review that highlights the strategic use of AI in higher education, mentioning curriculum innovation and efficiency while warning about bias, privacy, and financial constraints. [6], [7] draw attention to the use of AI to automate scheduling, enrollment, and performance analytics, highlighting the consequences for equity and cost. The authors in article [8] draw attention to the disconnect between technical AIED research and educator participation, pointing out a deficiency in development that is both theoretically and human-centered. These findings are corroborated by the recent meta-review by [9], [10], which highlights the widespread use of adaptive pedagogical tools and points out deficiencies in administrative adoption, ethical governance, and educator training. All together, these studies support the revolutionary potential of AI in education, but they focus mostly on pedagogical applications, paying less attention to administrative and governance issues. They also agree on important

ethical points, such as the need for human oversight, bias, data privacy, transparency, and institutional readiness. The authors offer specific policy recommendations to guarantee responsible AI governance after critically assessing current AI ethical frameworks and pointing out enduring issues with accountability, transparency, and fairness [11]. In order to integrate ethical principles into AI development and governance in a comprehensive manner, this study suggests a meta-framework that combines embedded ethics, ethically aligned design, and value-sensitive design [12].

To ensure AI's effectiveness, ethical compliance, and strategic alignment within educational institutions, its integration into management calls for a comprehensive theoretical framework. A key model is the Adaptive Learning Theory, which uses cognitive and psychometric concepts to develop systems that tailor managerial decisions and learning experiences according to information from institutions and students [1], [3]. In addition, Ethical AI Frameworks emphasize the significance of responsibility, transparency, and equity in the development and management of AI. To ensure the responsible use of AI in academic and administrative settings, these frameworks, including those that follow UNESCO's principles, are crucial [2]. The Strategic Management Lens places AI adoption within universities' overall strategic framework to further enhance these perspectives. In order to examine how organizations build the required capacities, engage stakeholders, and match AI initiatives with their long-term goals, it incorporates ideas from organizational development and change management theories [5], [6]. When taken as a whole, these theoretical frameworks provide a comprehensive viewpoint for evaluating and responsibly integrating AI in education.

III. CONCEPTUAL FRAMEWORK

The multifaceted strategy for carefully and responsibly integrating artificial intelligence (AI) into educational management is depicted in the diagram in Figure 1.

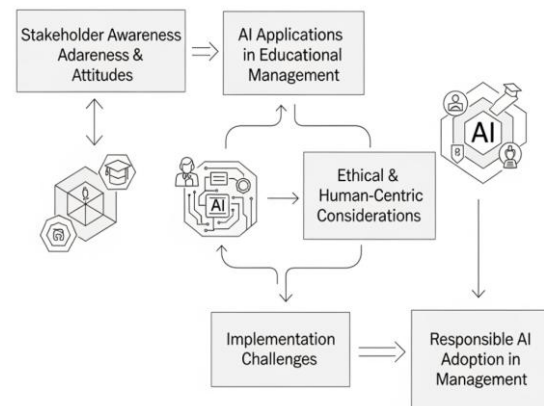


Fig. 1 AI Integration in Education Management

Algorithmic Representation of AI Integration in Education Management.

BEGIN

Collect stakeholder_awareness, attitudes

IF awareness < threshold OR attitude = resistant THEN

conduct_training, workshops

ENDIF

Identify AI_applications FOR education_management

Match AI_applications WITH institutional_goals

FOR each application IN AI_applications DO

Evaluate ethical_considerations

Apply human_centric_frameworks

END FOR

Identify implementation_challenges

Mitigate challenges USING strategies (training, infra upgrade, funding)

Adopt_responsible_AI(application)

Monitor performance, compliance, ethics

LOOP

Collect_feedback FROM stakeholders

Update policies, practices, pedagogy

Re-assess awareness & attitudes

Re-run AI integration cycle

END LOOP

END

The explanation of each component of the conceptual framework is given below.

A. Awareness and Attitude of Stakeholders

This serves as the foundation for integrating AI into educational management, emphasizing the value of human perceptions and preparedness.

- Knowledge of Artificial Intelligence Tools: This concerns how well-versed in AI technologies such as chatbots, analytics tools, and automation systems students, teachers, administrators, and IT staff are.
- Acknowledged Benefits: AI has the potential to improve decision-making, efficiency, and performance monitoring in educational institutions, according to stakeholders.
- Questions or Concerns: Although the benefits are acknowledged, there is still concern that AI may eventually take the place of people in delicate fields like student evaluation and leadership.
- Stakeholders stress the significance of AI systems' dependability, especially when it comes to those that handle student data or have an influence on academic results.

B. Using AI in Educational Administration

The practical application of AI in key administrative domains in education is described in this section.

- Student Performance Analytics: To enable better-informed interventions, AI tools are used to track, forecast, and assess student outcomes.
- Curriculum Development: Adaptive systems facilitate the development or modification of curricula in response to learner data and evolving industry demands.
- Automation of Administrative Tasks: AI frees up time for strategic planning that

is led by humans by automating repetitive tasks like scheduling, reporting, and records management.

AI can provide data for hiring, evaluating faculty performance, and creating institutional policies, which can support human resources and policy.

C. Human-centered and Ethical Considerations

This component guarantees that the incorporation of technology aligns with ethical norms and educational values.

- Empathy and Contextual Awareness: Human educators should continue to play a key role in decision-making processes because they have emotional intelligence and contextual awareness that current AI does not.
- Ethical Oversight: Organizations must create policies that regulate the use of AI, especially with regard to privacy, openness, and bias mitigation.
- Stakeholders emphasize that rather than taking the place of human leadership in education, AI must serve as a support system.
- Accountability and Fairness: AI-assisted decisions must be transparent and free from discriminatory or ambiguous procedures.

D. Difficulties in Implementation

The practical challenges that institutions encounter when implementing AI are covered in this section.

- Technical Infrastructure Limitations: Many institutions do not have the necessary hardware, software, or connectivity to make use of advanced AI tools.
- Inadequate Training and Support: It is common for faculty and staff to lack the professional development necessary to deploy or oversee AI systems in an efficient manner.
- Data security and privacy concerns: Concerns regarding the security of

student and institutional data are greatly increased by the growing use of data-driven technologies.

- Opposition to Change: Attempts to implement AI may be hampered or stopped by administrators' or educators' psychological and cultural resistance.

E. Adoption of AI in Educational Management

- This is the framework's desired result: the efficient and morally sound application of AI to the management of educational systems.
- Strategic and Ethical Integration: AI should be used in ways that support the goals and moral standards of the organization.
- Human-Centered Design: To guarantee usability and trust, users (students, instructors, and administrators) must be the main focus of system development.
- Defined Governance Structures: To keep an eye on AI performance and handle concerns or hazards, regulations and supervision systems should be put in place.
- Sustainable Infrastructure and Continuous Training: Investing in dependable technology and continual skill development for employees and teachers are essential for long-term success.

F. Feedback Cycle and Exchanges

- The framework's bi-directional arrows show how ethical issues and AI applications interact dynamically, with each having an impact on the other.
- Furthermore, stakeholder attitudes, shifting expectations, resistance, or trust can all be impacted by implementation challenges.
- These feedback loops show that integrating AI is an iterative process that requires constant learning, evaluation,

and modification rather than a simple one.

This conceptual framework emphasizes that incorporating AI into education management is a strategic change rather than just a technical improvement. It ought to be based on awareness, guided by moral principles, and supported by robust procedures and instruction. The framework ensures that AI serves as a useful ally in advancing educational excellence by addressing all human, technical, and ethical aspects.

IV. METHODOLOGY

A. Research Methodology Design

Stakeholder awareness, AI applications, ethical issues, implementation difficulties, and routes toward responsible AI adoption in educational management were all examined in this study using a mixed-methods design. The design made sure that both quantifiable trends and in-depth stakeholder perspectives were recorded by combining quantitative surveys with qualitative open-ended responses. The approach follows the algorithmic framework, methodically progressing from awareness to applications to ethics to challenges to responsible adoption.

B. Participants and the Sample

To guarantee representation from a range of educational stakeholders, a purposive sampling technique was used. 101 participants made up the final sample, who were divided into the following categories: IT specialists ($n = 2$), professors and teachers ($n = 39$), educational administrators ($n = 6$), and students ($n = 54$). To ensure diversity and relevance across institutional roles, the sample encompassed a broad demographic spectrum of age groups (18–60+) and gender identities.

C. Techniques for Gathering Data

A structured online survey form was used to gather data, and it was disseminated over a three-week period via social media, academic networks, and institutional mailing lists.

- Section on Quantitative Analysis: Multiple-choice, Likert scales, and other

closed-ended items were used to measure adoption readiness, perceived advantages, ethical issues, implementation difficulties, and familiarity with AI.

- Qualitative Segment: Open-ended questions elicited in-depth information about practical AI applications, moral conundrums, and potential future adoption in educational administration.

The questionnaire was structured similarly to the algorithmic framework, starting with awareness and attitudes, progressing through applications and ethical considerations, and ending with adoption pathways and implementation challenges.

D. Tools, Instruments, and Methods of Analysis

- Validation of the Survey: The questionnaire was examined by three subject-matter specialists to make sure it was valid, clear, and consistent with earlier research on AI in education.
- Maintaining confidentiality: In order to respect ethical norms, responses were anonymized.
- Analysis of Quantitative Data: Microsoft Excel and SPSS were used to calculate descriptive statistics (frequency, percentage, and cross-tabulation). The findings shed light on adoption trends, stakeholder awareness levels, and obstacles that were found.
- Analysis of Qualitative Data: In order to find trends regarding AI's role in pedagogy, ethics, difficulties, and long-term adoption, thematic analysis was used to analyze open-ended responses. Recurring themes were manually coded.

E. Moral Points to Remember

- Prior to participation, digital informed consent was acquired.

- No personally identifiable information was gathered; participation was entirely voluntary.
- The study complied with the ethical precepts of participant respect, autonomy, and confidentiality.

This methodology ensures thorough data collection and analysis of stakeholder perspectives on AI-enabled educational management by offering a methodical approach that is in line with the AI integration algorithm.

V. RESULTS AND DISCUSSION

1. Results

This section provides a thorough summary of the data collected from 101 participants about their opinions and applications of AI in the field of educational administration. Descriptive statistics and tables that highlight demographic information, awareness levels, potential uses, challenges, and expectations for AI integration are used to illustrate the findings.

A. Participants' Demographic Overview

Students (53.5%) and educators/instructors (38.5%) made up a sizable portion of the respondents, primarily between the ages of 18 and 25, as shown in Table 1. There were more female participants, according to the gender distribution.

Students and early-career professionals make up the majority of those who expressed a high level of interest in AI integration from the learner's point of view, according to the data, which shows widespread participation across important educational roles.

B. Knowledge of AI in Educational Administration

Table 2 shows that the majority of respondents had a moderate to high level of familiarity with AI in educational settings.

TABLE 1 DEMOGRAPHIC BREAKDOWN OF PARTICIPANTS

Variable	Category	Frequency (n)	Percentage (%)
Gender	Woman	72	71.30%
	Man	29	28.70%
Age Range	18–25	54	53.50%
	26–35	10	9.90%
	36–45	20	19.80%
	46–60	15	14.90%
	60+	2	2.00%
Position	Student	54	53.50%
	Teacher/Professor	39	38.60%
	Educational Admin	6	5.90%
	IT Specialist	2	2.00%

TABLE 2 FAMILIARITY WITH AI IN EDUCATIONAL MANAGEMENT

Level	Responses (n)	Percentage (%)
Very familiar	33	32.70%
Somewhat familiar	35	34.70%
Neutral	25	24.80%
Slightly familiar	6	5.90%
Not familiar at all	2	2.00%

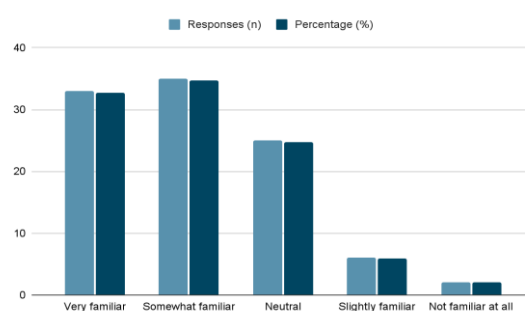


Fig. 2 Familiarity with AI in Educational Management

The X-axis in Figure 2 shows the respondents' degree of familiarity, and the Y-axis shows the total number of responses and their corresponding percentages. A basic level of readiness for AI-related projects was indicated by

the more than 67% of participants who reported a positive awareness level (either very or somewhat familiar).

C. Potential Uses of AI in Academic Settings

Table 3 indicates that while participants identified a number of areas for AI application,

curriculum planning and student performance analytics stood out as the top priorities.

TABLE 3 DESIRED AREAS FOR AI IMPLEMENTATION IN EDUCATION

Area	Selections (n)
Student performance analytics	64
Curriculum planning	46
Human resource management	40
Financial/budget planning	36
Administrative automation	30

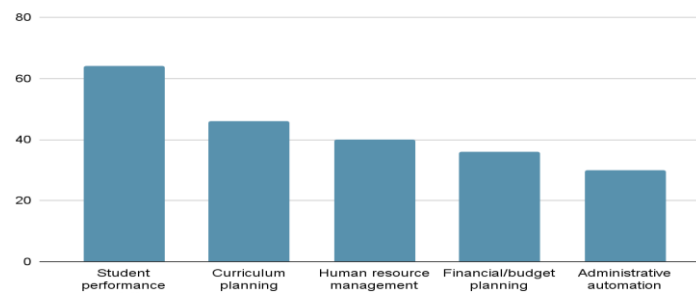


Fig. 3 Preferred Applications of AI in Education

The vertical axis in Figure 3 shows the proportion of respondents who chose each area, while the horizontal axis shows the areas where respondents prefer the use of AI. AI is mainly favored for positions involving planning and analytics, demonstrating a desire for data-driven decision-making in educational settings.

D. AI's Perceived Impact on Educational Quality

Many people believe that AI's impact on education is either mostly positive or has a combination of both positive and negative aspects.

TABLE 4 VIEWS ON AI'S EFFECT ON QUALITY

Perception Type	Responses (n)
Mostly positive	50
Mixed (positive & negative)	38
Mostly negative	7
No noticeable impact	2

Unsure

4

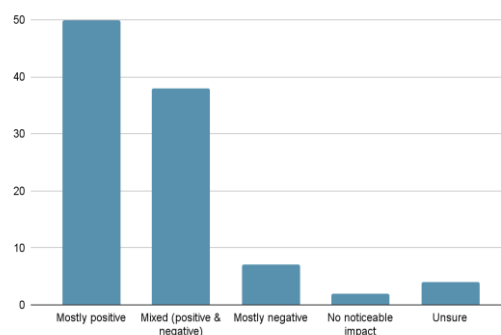


Fig. 4 Perception of AI's Impact on Quality

The X-axis in Fig. 4 indicates the respondents' perception type, and the Y-axis shows the total number of responses gathered for each perception. Although almost 90% of respondents agree that AI has the potential to improve things, a sizable portion are still wary because of inconsistent results.

E. Challenges in Integrating AI

The biggest obstacles to a successful AI implementation, according to the participants, are infrastructure and training.

TABLE 5 IDENTIFIED CHALLENGES

Challenge	Responses (n)
Lack of technical infrastructure	52
Insufficient staff training	51
Limited financial resources	35
Ethical/privacy concerns	29
Resistance to change	23

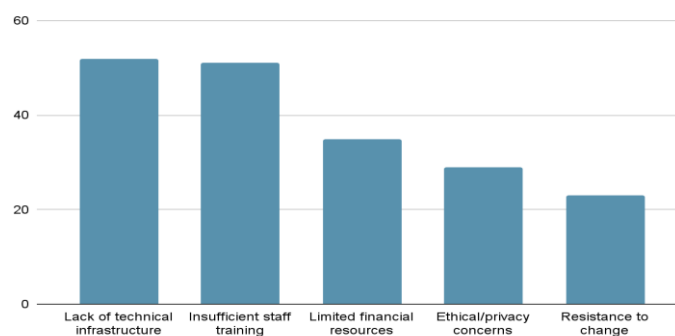


Fig. 5 Challenges Identified Graphical Representation

The vertical axis in Fig. 5 shows the number of responses received for each challenge type, while the horizontal axis shows the categories of challenges. The institution's readiness and the development of workforce competencies are directly related to the success of AI initiatives.

F. Ethics Concerning Artificial Intelligence

The main ethical concern was found to be privacy, which was followed by worries about algorithms' bias and lack of oversight.

TABLE 6 ETHICAL ISSUES RELATED TO AI

Concern	Responses (n)
Data privacy	44
Reduced human oversight	29
Algorithmic bias	26
Accountability & transparency	25
No concerns	24

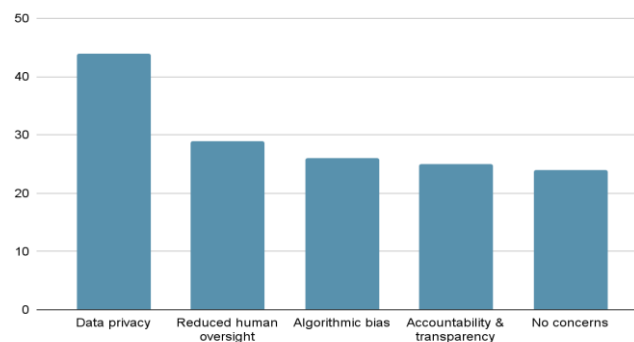


Fig. 6 Ethical Concerns Associated with AI

The vertical axis in Fig. 6 shows the number of responses received for each ethical issue, while the horizontal axis depicts the different categories of ethical issues. Many participants are aware of ethical risks, particularly those pertaining to algorithmic fairness and surveillance.

G. AI's Anticipated Role in Educational Administration

Instead of using AI as a primary tool for decision-making, participants primarily see it as an aid.

TABLE 7 PROSPECTIVE ROLE OF AI

Role Description	Responses (n)
Serve as a supportive tool	49
Become a primary decision-making tool	36
Lose relevance over time	8

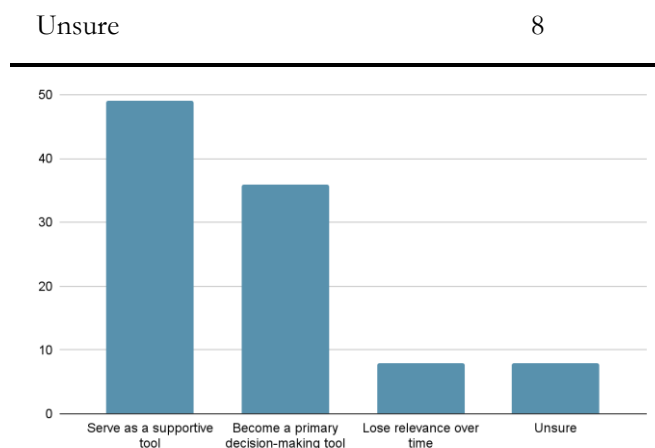


Fig. 7 Future Role of AI

The vertical axis in Figure 7 displays the frequency of responses for each role, while the horizontal axis depicts the expected role of AI. Everyone agrees that AI should be used in the educational sector to supplement human leadership, not to replace it.

H. Crucial Elements of a Successful AI Integration

The two biggest factors facilitating the successful adoption of AI were found to be infrastructure and training as represented in Table 8.

TABLE 8 IMPORTANT FACTORS FOR SUCCESSFUL INTEGRATION

Factor	Responses (n)
Staff training & professional development	46
Robust technical infrastructure	26
Clear ethical guidelines	12
Leadership commitment	11
Legal and policy support	6

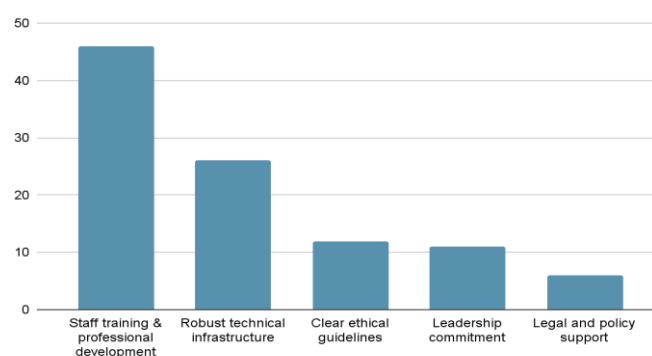


Fig. 8 Key Factors for Effective Integration

Figure 8 shows the critical factor for successful AI integration on the horizontal axis and the number of responses received for each factor on the vertical axis. Building capacity is seen as essential, emphasizing the value of continuous training and internal investment.

I. Open-ended Responses are Analyzed Thematically

To identify key themes about (1) real-world AI applications in educational institutions and (2)

views on whether AI can or should replace human decision-making in educational management, the answers to open-ended questions were categorized and analyzed.

Theme 1: AI's Use in Institutions

Table 9 presents the analysis and representation of the question. If applicable, could you give an example of how AI has been used in your organization?

TABLE 9 EMERGING THEMES

Theme	Frequency	Example Quotes
AI for Assessment & Grading	High	"We used Microsoft Forms + AI to automatically assess assignments."
AI in Communication & Outreach	Moderate	"AI tools help segment emails and summarize webinar content."
Data Analytics in Teaching	Moderate	"We use EvalBee to track student learning patterns."
Minimal or No Usage	Moderate	"I will try using AI next semester." / "Not used yet."

Some businesses are using AI for communication and evaluations, while others are just beginning to investigate the technology. The most well-known examples are cloud-based, low-maintenance apps (like Microsoft Forms with AI improvements).

Theme 2: Artificial Intelligence Overtaking Human Decision-Making

An Analysis and Illustration in Table 10 Do you think artificial intelligence (AI) could replace human judgment in educational administration? Please give your justification.

TABLE 10 EMERGING THEMES

Theme	Frequency	Example Quotes
Preservation of Human Judgment	High	"No, humans still control, protect, and

		ethically guide AI decisions.”
AI as a Supportive Tool, Not Replacement	High	“AI can assist but cannot replace human empathy and leadership.”
Skepticism About AI’s Emotional Limits	Moderate	“AI lacks emotional intelligence and relational skills.”
Absolute Rejection of Replacement	Moderate	“Impossible. Human intelligence cannot be replaced.”

The general consensus is adamantly against giving AI full autonomy in managerial positions. Participants stress the value of human supervision, moral discernment, and emotional intelligence, emphasizing that AI should be used as a supporting tool rather than as a stand-alone entity.

Theme 3: Sentiments That Cut Through

- **Accountability and Trust:** Many participants expressed apprehension about blindly trusting AI results when it comes to delicate academic matters.
- **Gaps in Awareness:** Some respondents pointed out that they were unfamiliar with AI's potential in management, emphasizing the need for case studies and training.
- **Cautious Optimism:** Although some acknowledge that AI can increase efficiency, they warn against becoming unduly dependent on it.

Respondents generally exhibit a cautious but open attitude toward AI. Their comments show current experiments, goals for the future, and clear boundaries regarding AI's role in human-led learning environments. These findings complement the quantitative findings and support the notion that skill development,

human supervision, and ethical guidance are necessary for successful AI integration.

2. Discussion

The study's conclusions provide insight into how artificial intelligence (AI) is currently viewed, applied, and contested within the field of educational administration. The study offers a comprehensive understanding of stakeholder preparedness, AI application opportunities, and the pedagogical, ethical, and infrastructure concerns that need to be resolved for sustainable integration by fusing quantitative data with qualitative insights.

A. Evaluation of the Results

The majority of respondents were students and teaching faculty, according to the demographic analysis, and over two-thirds said they were at least somewhat familiar with artificial intelligence. This implies that learners and teaching communities are becoming more technologically aware and prepared, rather than just administrators and IT personnel. The most well-known application areas were curriculum planning (46 responses) and student performance analytics (64 responses), highlighting AI's potential to support evidence-based decision-making and academic advancement. Administrative automation and HR management were secondary but equally important areas,

demonstrating how AI is being used in contexts beyond the classroom.

However, institutional restraints temper enthusiasm for AI adoption. Insufficient staff training (51 responses) and a lack of technical infrastructure (52 responses) were the main issues, indicating a significant disconnect between operational readiness and aspirations. The need for human-centric governance frameworks is further underscored by ethical concerns like data privacy (44 responses) and diminished human oversight (29 responses).

These conclusions were supported by qualitative responses, which rejected the notion that AI could take the place of human teachers while expressing optimism about AI's potential to enhance education. In educational leadership, participants underlined the indispensable value of empathy, moral discernment, and interpersonal relationships.

B. Assessment in Light of Recent Studies

These results are consistent with earlier research that pointed out AI's increasing impact in analytics and adaptive learning while simultaneously pointing out its underutilization in more general institutional governance [3]. This study discovered that systemic adoption lags behind grassroots experimentation, which is similar to [1], which noted that AI innovations frequently stay at the classroom level.

The necessity of human-centered AI design to avoid blind reliance on algorithms, resonates with concerns about trust, transparency, and accountability [2], [8]. The respondents' preference for AI as a supplementary tool rather than a major decision-maker is consistent with [6], highlighting the need for human oversight despite technological advancements.

C. Analysis of Unexpected Findings

The comparatively high level of AI awareness among younger participants (ages 18–25) was one unexpected finding. This suggests that digital-native students are experimenting with lightweight tools like EvalBee and Google Forms integrated with AI for assessments, defying the notion that AI literacy is only used by

administrators or IT professionals. Even in institutions with little infrastructure, this grassroots innovation shows bottom-up adoption.

The fact that 24 respondents said they had "no ethical concerns" about AI was another surprising finding. This begs the question of whether participants believe AI is neutral by nature or have not been exposed to digital ethics enough. These results point to the necessity of more thorough instruction on the moral implications of using AI in academic settings.

D. Implications for Theory, Practice, and Policy

From a theoretical perspective, the study emphasizes how crucial it is to integrate strategic management models, adaptive learning theories, and ethical AI principles when conceiving of AI in education. It emphasizes the need for institutions to strike a balance between resource readiness, ethical responsibility, and technological innovation.

According to the findings, specific investments in capacity building such as staff training and technical infrastructure are necessary in practice. To guarantee that AI strengthens rather than diminishes human-centric education, educators, students, and administrators need to be prepared with both technical expertise and an understanding of the ethical ramifications.

The pressing need for national and institutional guidelines on responsible AI use is one of the policy implications. These frameworks ought to require openness, set up procedures for accountability, and encourage inclusive adoption tactics that can be modified for institutions with different levels of funding. Furthermore, CPD-based training and accreditation may improve global alignment and credibility in the adoption of AI.

This study confirms that although AI in educational management is developing quickly, systemic adoption is still in its infancy. Even though stakeholders see AI as a helpful tool, strong infrastructure, ethical clarity, and human oversight are still crucial. These findings support earlier studies and offer researchers, practitioners,

and policymakers working toward AI-enabled educational governance practical guidance.

VI. CONCLUSIONS

Through a mixed-methods design, this study involved 101 participants, including students, educators, administrators, and IT specialists, and investigated stakeholder awareness, applications, ethical concerns, and implementation challenges surrounding artificial intelligence (AI) in educational management. The results show that although stakeholders have a moderate to high level of familiarity with AI, systemic obstacles like a lack of technical infrastructure, inadequate staff training, and unresolved ethical concerns, particularly those related to privacy, transparency, and human oversight, restrict actual adoption.

Three key findings emerge from the study in response to the research questions. First, with grassroots experimentation in analytics and assessment tools already under way, stakeholders from a variety of roles, particularly students and faculty are laying the groundwork for the adoption of AI. Second, there is a clear preference for data-driven decision-making, as evidenced by the fact that AI is most frequently used or anticipated to be used in administrative automation, student performance analytics, and curriculum development. Third, despite generally favorable or conflicting views of AI's effects, ongoing issues with ethics, infrastructure, and training still prevent its full integration.

Crucially, all parties involved agree that AI should be used as a tool to support human leadership in education rather than to replace it.

This research emphasizes the ongoing need for ethical discernment, contextual judgment, and empathy in educational management skills that AI cannot replace. There are some restrictions on the study. The use of self-reported data may have introduced bias, and the sample size was small and biased toward educators and students from more technologically savvy backgrounds. Thus, in order to better understand how cultural and structural differences shape AI adoption, future research should prioritize longitudinal and institution-specific case studies, as well as comparative studies between public and private institutions and across developed and developing contexts.

All things considered, this study emphasizes the potential of AI in educational administration as well as its challenges. Institutions must take a balanced approach that harmonizes technological innovation with ethical frameworks, institutional capacity building, and strategic objectives in order to use AI responsibly and effectively. Educational institutions can get closer to a sustainable and human-centered integration of AI in management by incorporating the values of accountability, transparency, and inclusivity into AI governance.

ACKNOWLEDGMENT

We would like to thank Causal Productions for permits to use and revise the template provided by Causal Productions. The original version of this template was provided by courtesy of Causal Productions (www.causalproductions.com).

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