

<u>bttp://journal.iaincurup.ac.id/index.php/JSMPI</u> DOI: <u>http://dx.doi.org/10.29240/jsmp.v9i1.13631</u>

Analysis of Student Administrative Service Management at Institut Agama Islam Negeri Curup

Tenti Elizah Institut Agama Islam Negeri Curup, Indonesia tentielizah@iaincurup.ac.id

Lukman Asha Institut Agama Islam Negeri Curup, Indonesia asha.lukman@gmail.com

Irwan Fathurrochman Institut Agama Islam Negeri Curup, Indonesia irwan@iaincurup.ac.id

Hamengkubuwono Institut Agama Islam Negeri Curup, Indonesia hamengku7@gmail.com

Abdul Rahman

Institut Agama Islam Negeri Curup, Indonesia abdulrahman04071972@gmail.com

Abstract: Efficient student administrative services are fundamental to academic success and institutional effectiveness in higher education. This case study investigates the implementation, challenges, and proposed solutions related to student administrative services at IAIN Curup, a religious-based higher education institution in Indonesia. Data were collected from four administrative staff and twelve students through interviews, observations, and document analysis, and were analyzed using an interactive model to capture emerging themes. Findings reveal persistent challenges despite structured procedures and digital tools, including delays, inconsistent implementation of Standard Operating Procedures (SOPs), limited technological capacity, and communication breakdowns. These issues are analyzed through the lenses of service quality models, particularly SERVQUAL, and change management theory, which highlight gaps in reliability, responsiveness, and institutional adaptability. Participants emphasized the urgent need for integrated, user-friendly digital systems, ongoing capacity building, and enhanced leadership engagement-key components of successful digital transformation initiatives. Moreover, inclusive decision-making and transparent communication emerged as organizational enablers of sustainable service reform. This study contributes to the limited scholarship on administrative management in religious higher education settings by revealing how procedural, technological, and cultural dimensions intersect to affect service delivery. Framed within the global shift toward digitalization in higher education, the findings underscore the importance of adaptive leadership and strategic innovation in sustaining administrative transformation. Future research should further explore the long-term organizational impacts of these reforms.

Keywords: Student administrative; Service quality; Higher education administration.

INTRODUCTION

Student administrative services are a key dimension of governance in higher education, directly influencing the quality of academic life and institutional accountability (Cassidy et al., 2021). In the context of Indonesia's ongoing digital transformation and public service reform, higher education institutions are expected to implement agile administrative systems that not only ensure efficiency but also promote equity and responsiveness (Dwivedi & Vig, 2024). These national strategies, however, encounter significant barriers in geographically isolated and resource-limited institutions.

However, the implementation of such reform agendas faces unique hurdles within religious-based universities situated in remote areas, such as the State Islamic Institute (IAIN) Curup in Rejang Lebong, Bengkulu. As one of the State Islamic Higher Education Institutions, IAIN Curup contends with structural limitations, difficult terrain, and inadequate digital infrastructure factors that constrain the modernization of student services. These constraints lead to persistent challenges in basic administrative processes such as course registration, scholarship applications, and status verification, many of which remain semi-manual and fragmented.

Preliminary field observations at IAIN Curup reveal inefficiencies rooted in poor internet connectivity limited IT human resources, and outdated workflows. Staff members often struggle with overlapping responsibilities, insufficient training, and lack of integrated systems, while students report delays and uncertainty in accessing services. These challenges illustrate a wider governance issue: how do institutions in underdeveloped regions adapt national administrative ideals to their localized realities?

To explore this question, we adopt a multi-theoretical framework combining public service management theory (Wirtz et al., 2020), management information systems theory (Tian et al., 2025), and good governance principles (Barry & Goedegebuure, 2020). This framework allows for a layered analysis that not only assesses the technical aspects of service delivery but also interrogates institutional capacity, leadership, and participatory dynamics in service reform.

The main contribution of this study is to uncover the systemic and contextual realities of student administrative services within a religious-based institution operating in a 3T (underdeveloped, frontier, and outermost) region. Rather than offering a universal solution, we propose context-sensitive strategies and managerial models grounded in the lived experience of both students and staff. This perspective fills a critical gap in the literature, which often emphasizes system efficiency in well-resourced universities while neglecting the adaptive efforts of institutions in disadvantaged settings (Bandauko & Nutifafa Arku, 2023; Tran et al., 2023; Ågerfalk et al., 2020).

Our research addresses four central questions: (1) How are student administrative services implemented at IAIN Curup? (2) What challenges are encountered by administrative staff? (3) What difficulties do students face in accessing services? (4) What strategies are proposed to enhance service quality?

Theoretically, this study contributes to the contextualization of public service and digital governance models in religious institutions within marginalized geographies. Practically, it informs institutional leaders, system developers, and policymakers on how to design adaptive, user-centered administrative reforms responsive to local constraints and capacities.

Management of Administrative Services in Higher Education

Administrative services are vital to the integrity of academic and nonacademic operations in higher education institutions (Le et al., 2023). These include student registration, academic record management, certification, and scholarship administration (Asiyai, 2022; Cassidy et al., 2021). The implementation of such services typically relies on standardized operating procedures (SOPs), which uphold consistency, transparency, and institutional accountability. SOPs serve both as operational benchmarks and mechanisms for aligning service delivery with strategic goals.

Contemporary administrative management theories emphasize three critical dimensions: efficiency, adaptability, and accountability (Mizrahi, 2021). These principles are foundational to Public Service Management (PSM) theory, which asserts that services must be citizen-centered, responsive, and outcomeoriented (Haimah et al., 2021). In resource-constrained environments like IAIN Curup, however, the realization of these principles is often compromised by geographic isolation, limited internet infrastructure, and staff shortages. For example, the PSM ideal of responsiveness is hampered when students experience delays due to unreliable connectivity and unintegrated systems. Similarly, accountability suffers when manual documentation leads to inconsistencies or data loss.

Management Information Systems (MIS) theory complements this by emphasizing the strategic role of digital tools in optimizing workflows, minimizing manual burdens, and supporting decision-making (Tian et al., 2025). At IAIN Curup, MIS concepts illuminate the tension between digital expectations and infrastructural realities: although digital systems promise streamlined services, the partial or inconsistent implementation due to limited technical capacity undermines their intended benefits. In tandem, Good Governance Theory contributes a normative lens, emphasizing transparency, participation, and institutional integrity (Barry & Goedegebuure, 2020). Within the context of IAIN Curup, the lack of interdepartmental coordination and exclusion of end-user feedback in service design reveals gaps in participatory governance.

Together, these three frameworks—PSM, MIS, and good governance form the analytical scaffold of this study. They guide the evaluation of service effectiveness, barriers, and institutional strategies amid resource limitations. By situating the case of IAIN Curup within these theoretical domains, this study seeks to identify how administrative systems both reflect and struggle against structural and environmental constraints in 3T (underdeveloped, frontier, outermost) regions.

Implementation of Islamic Values in Student Administrative Services

In Islamic higher education, student administrative services are rooted in ethical values, aligning effectiveness with spiritual principles such as sincerity, justice, and compassion (Bukhori Muslim et al., 2024). Tasamuh (tolerance) guides inclusive and accessible service delivery (Mukhibat et al., 2024), while amanah (trust) emphasizes accountability and integrity in managing data and responsibilities. These values extend service functions beyond technicality, shaping a culture of responsibility and ethical service grounded in Islamic teachings (Amin, 2024).

Quality of Administrative Services

Service quality in higher education can be assessed through the SERVQUAL model, which includes tangibility, reliability, responsiveness, assurance, and empathy (Singh et al., 2020). Applying SERVQUAL helps institutions evaluate service gaps based on student perceptions and expectations (Alemu, 2023). Service quality is influenced by institutional processes, staff competence, and resource adequacy (Engdaw, 2022). Technology integration further enhances quality by improving response times, accuracy, and accessibility (Hui et al., 2024), making it vital for increasing user satisfaction and overall service efficiency.

RESEARCH METHODOLOGY

This study employed a qualitative research design using a case study approach (Creswell & Poth, 2018) to examine the management of student administrative services at the State Institute for Islamic Studies (IAIN) Curup, located in Dusun Curup, North Curup District, Rejang Lebong Regency. The site was selected through purposive sampling, based on its relevance as the central setting where institutional administrative policies are implemented and experienced directly by stakeholders. The study addressed four research questions focused on implementation, challenges, user experience, and solution strategies in student administrative services.

A total of 16 participants were selected purposively to ensure rich, contextual insights while maintaining feasibility within institutional access constraints. This sample included four administrative staff members who had been employed in service-related roles for at least one year, and twelve students who had accessed administrative services for a minimum of two consecutive semesters. Selection criteria prioritized participants' depth of experience with administrative processes, while also considering variation in gender, academic program, and geographic origin to capture a range of perspectives. Although the sample size is relatively limited, it aligns with qualitative research standards emphasizing data saturation rather than statistical generalization (Guest et al., 2006). The goal was to achieve conceptual depth rather than population-level inference.

To enhance methodological rigor, triangulation was applied through three complementary data collection methods: in-depth interviews, participant observation, and document analysis. Among these, semi-structured interviews served as the core method. Interviews combined structured prompts based on predefined indicators with open-ended questions that allowed emergent themes to surface. Staff were invited to share concrete cases where administrative processes succeeded or failed, while students were encouraged to recount experiences of satisfaction, frustration, or confusion during service interactions. Interviews lasted 30–60 minutes and were conducted in familiar institutional settings to ensure participant comfort and openness.

We recognize that the relatively small number of participants may limit the broader applicability of the findings. Future research would benefit from expanding the sample to include a more diverse pool of administrative actors across institutional levels and a larger, more demographically varied student population. However, the current study's contribution lies in its in-depth, context-specific insights into the realities of administrative service delivery within a geographically and technologically disadvantaged religious university.

Participant observation was utilized to directly observe and engage with the administrative service processes at IAIN Curup, addressing research questions 1, 2, and 3. Conducted over 3 to 5 days for 3 to 4 hours daily, this method captured interactions between staff and students, workflow, technology use, communication, and operational challenges. Key indicators observed included SOP implementation, time management, complaint handling, and student experiences such as waiting times and information clarity.

Documentation was used to complement interviews and observations by analyzing policy documents, complaint reports, and standard operating procedures (SOPs) to address research questions 1, 3, and 4. This analysis focused on the alignment between written procedures and actual practices, complaint handling, staff involvement, digitalization of archives, and the implementation of improvement recommendations.

Data from interviews, observations, and documentation were analyzed using Miles, Huberman, and Saldaña's (2014) interactive model, which comprises three concurrent phases: data condensation, data display, and conclusion drawing/verification. The analysis process followed a thematic analysis approach, in which raw data were coded, categorized, and interpreted to construct meaning from participant narratives and observed practices.

During the data condensation phase, transcripts were subjected to open coding, whereby meaningful units—phrases, expressions, or actions—were identified and labeled. These initial codes were derived inductively from the data without imposing pre-existing categories. Following this, axial coding was conducted to group related codes into broader subthemes, reflecting patterns in participants' experiences and perspectives. This process allowed for flexibility in capturing both expected and emergent themes related to service implementation, institutional barriers, and proposed solutions.

The data display phase involved organizing these themes into matrices and narrative summaries, facilitating cross-case comparisons between staff and student data. These visual and textual displays made it possible to trace connections between challenges, institutional responses, and theoretical constructs.

In the conclusion drawing and verification phase, interpretations were developed by relating thematic patterns to the study's conceptual framework, and findings were validated through multiple strategies. Triangulation was applied at both data and source levels: comparing insights from interviews, observations, and document reviews, as well as contrasting perspectives from administrative staff and students. Member checking was employed to confirm the accuracy of interpretations with selected participants, while prolonged engagement during fieldwork enhanced contextual understanding and data richness. This layered and transparent analytic process contributed to the credibility, transferability, and dependability of the research findings, consistent with standards for rigorous qualitative inquiry.

Ethical integrity was central to the design and implementation of this study. Prior to data collection, all participants were provided with clear, written information outlining the study's objectives, procedures, and their rights as participants. Informed consent was obtained in writing, and participants were assured that their involvement was entirely voluntary, with the option to withdraw at any point without penalty.

To protect participant confidentiality, all identifying information was removed from transcripts and data records. Pseudonyms were used in all documentation, and references to specific departments or personnel were generalized to prevent deductive disclosure. Data were stored securely, accessible only to the research team, and used solely for the purposes of this study.

These ethical measures were designed to foster a safe and respectful environment, particularly given the reflective and experiential nature of the data. By ensuring participants' autonomy, anonymity, and privacy, the study aligns with accepted ethical standards for qualitative inquiry and enhances the credibility and trustworthiness of its findings.

RESULTS AND DISCUSSION

Implementation of Student Administration Service Management at IAIN Curup

The implementation of student administration services at IAIN Curup involves several procedures, including service workflows, technology use, and staff-student interactions. The following tables summarize key themes from interviews with staff (Table 1) and students (Table 2), highlighting various perspectives on the administration process.

Table 1. Staff Interview Themes on Student Administration Services at IAIN Curup

No	Interview Topic	Theme 1	Theme 2	Theme 3
1	Service Workflow	Service process	Steps in	Document
		flow	administration	verification
				procedures
2	Processing Time	Average	Factors affecting	Document
		duration	speed	handling

(Source: Interview with Staff, 2025)

3	Understanding	Staff knowledge	Consistency in	Challenges in
	Procedures	of SOP	application	procedure
4	Technology Use	Digital system	Technology	Software
		utilization	challenges	effectiveness
5	Communication	Staff-student	Communication	Information
_	Quality	communication	barriers	delivery issues
6	SOP	SOP clarity	Difficulties in	SOP
	Implementation		SOP adherence	monitoring
	-			and evaluation
7	Resource	Adequate staff	Equipment and	Staff workload
	Availability	-	budget limits	
8	Complaint	Complaint	Timely resolution	Common
	Handling	process		complaint
				types
9	Student	Satisfaction level	Positive aspects	Frequent
	Satisfaction			complaints
10	Document	Archiving	Archiving	Digital
	Archiving	process	challenges	archiving use
11	Policy-	Policy-practice	Causes of gaps	Policy
	Implementation	consistency		evaluation
	Alignment			
12	SOP Challenges	Staff obstacles	Solutions	Problem
	U			resolution

Tables 1 presents coded data from interviews with staff and students at IAIN Curup, revealing themes as displayed in the Table.

Table 2. Student Interview Themes on Student Administration Services at IAIN
Curup

(Source: Interview with Students, 2025)

No	Interview Topic	Theme 1	Theme 2	Theme 3
1	Service Workflow	Initial	Process steps	Staff interaction
		experience		
2	Processing Time	Duration	Factors	Processing
			influencing	efficiency
			speed	
3	Understanding	Staff knowledge	Consistency	Inconsistencies
	Procedures			experienced
4	Technology Use	Online services	Technology	Impact on
		usage	issues	efficiency

5	Communication	Communication	Understanding	Staff
	Quality	clarity	difficulties	responsiveness
6	SOP	Procedure clarity	Procedural	Mismatch with
	Implementation		changes	expectations
7	Resource	Facilities	Staffing	Areas for
	Availability	availability	adequacy	improvement
8	Complaint	Complaint	Response	Complaint
	Handling	submission	effectiveness	handling
				experience
9	Student	Satisfaction level	Needed	Experiences
	Satisfaction		improvements	with poor
				service
10	Document	Access	Document	Solutions to
	Archiving	difficulties	retrieval	access problems
			process	
11	Policy-	Policy-practice	Impact on	Policy effects
	Implementation	mismatch	experience	
	Alignment			
12	SOP Challenges	Staff challenges	Impact on	Effects on
			service quality	student
				experience

Tables 2 presents coded data from interviews with students at IAIN Curup, revealing several themes as displayed in the Table. To inform more detailed data codified in Tables 4 and 5, the following illustration is provided.

Service Workflows and Processing Efficiency

At IAIN Curup, administrative services follow institutional SOPs recognized by both staff and students. Staff described the process as "step-by-step... to avoid errors" (Staff 2), reflecting a formal, systematic approach. However, students reported inconsistent service speed—68% received responses within 1–3 days, but delays of up to a week occurred during peak periods. Moreover, 42% faced issues with unclear queueing and lack of real-time updates. These challenges highlight that SOPs alone are insufficient without adaptive mechanisms. As Zheng (2024) notes, efficiency depends not just on procedures but on dynamic resource use. Rigid SOP adherence can reduce responsiveness (Persheyev et al., 2024). Thus, effective service requires integrating workflow systems with agile technology and capacity strategies.

Communication Challenges

Communication was a major barrier in administrative services at IAIN Curup. While staff claimed to provide timely updates, students noted inconsistencies: "Sometimes we get responses within hours, but other times it takes days" (Student 11). Only a third consistently understood procedures after initial contact, hindered by inconsistent language, scattered channels, and lack of centralized information. Observations also showed reliance on verbal instructions and poor signage. These issues echo Rizos et al. (2022) and Mfecane et al. (2022), who stress the role of clear, accessible, and consistent communication in student satisfaction. Fragmented practices at IAIN Curup weaken these elements, underscoring the need for a centralized, studentoriented communication system.

Technology and Digital System Issues

Despite the use of digital tools for tasks like registration and scholarship tracking, recurring technical issues hinder their effectiveness. Students often faced platform failures during critical times: "Sometimes the platform doesn't load... especially on deadline days" (Student 3). Likewise, 75% of staff noted system lags and duplicate data, while half of the students struggled to access past documents—revealing gaps in digitization and user training. These findings show that adoption alone does not ensure efficiency. As Seth et al. (2024) emphasize, successful digitalization requires reliable infrastructure, user competence, and integration. The problems at IAIN Curup reflect both system instability and limited readiness, confirming that without digital literacy and institutional support, e-governance may replicate existing inefficiencies (Dacholfany et al., 2021).

SOP Implementation and Staffing Constraints

Although staff at IAIN Curup understood SOPs well, implementation was hindered by limited personnel and outdated tools. "We know the procedures, but limited staff and outdated tools make full implementation difficult" (Staff 4) reflects this issue. Only one in four staff felt staffing levels were adequate. Students also reported long queues and unsatisfactory service, especially during enrollment. These challenges confirm that SOP compliance depends not just on design but on institutional capacity (Zheng, 2024). In resource-limited settings, SOPs are prone to inconsistency (Persheyev et al., 2024). Thus, effective implementation demands investment in human resources, technology, and coordination.

Student Satisfaction and Complaint Handling

Student satisfaction at IAIN Curup was mixed—students appreciated staff friendliness but criticized slow, unclear processes: "The staff are kind, but the process takes too long and isn't always clear" (Student 4). Moderate satisfaction emerged when positive interactions were offset by systemic issues like delays. Of 12 students, 5 submitted complaints, but only 2 felt adequately heard. Though channels like a complaint box and email existed, they were inconsistently monitored. This supports literature stating that satisfaction depends on both staff engagement and institutional responsiveness (Hassan et al., 2022; Widawati & Siswohadi, 2021). Without effective feedback mechanisms, trust and accountability erode. Improving satisfaction thus requires not only courteous service but also reliable complaint handling and monitoring systems.

Policy-Practice Alignment

Both staff and students noted gaps between official policies and real practices. "Policy-wise, it's there... but we cannot always follow it fully" (Staff 3) and "Sometimes, the rule changes mid-process, and we're not informed" (Student 8) reflect this mismatch. Although policies mandate a three-day document turnaround, students reported delays up to a week, especially for multi-step or cross-department processes. Such inconsistencies stem from operational constraints that hinder implementation. As Persheyev et al. (2024) note, rigid procedures can reduce responsiveness in dynamic contexts. These misalignments also affect student trust and staff performance. Aligning policy with practice requires regular review and improved inter-unit coordination (Zheng, 2024).

Summary of Observational and Document Data

Observations and document analysis at IAIN Curup supported the interview findings. Though services followed SOPs, effectiveness was hindered by queue issues and inconsistent follow-up. Average processing time was 2.4 days, with about three platform outages monthly. Only 33% of complaints met the three-day response target. Documentation showed 92% protocol compliance and a gradual shift to hybrid archiving. These results highlight that formal adherence doesn't guarantee service quality when systems are fragmented. As Seth et al. (2024) emphasize, digital transformation requires both technical capacity and operational coherence. Overall, the data triangulate and reinforce the study's core findings on systemic service challenges.

Challenges Faced by Administrative Staff in Managing Student Administrative Services at IAIN Curup

The management of student administrative services at IAIN Curup is significantly influenced by a range of challenges encountered by its administrative personnel. Interviews conducted with 4 administrative staff members (referred to as *Staff 1 to Staff 4*) revealed several recurring issues, including technological limitations, excessive workloads, inadequate training, communication barriers, and time management difficulties. The following table presents a thematic mapping of the interview responses, highlighting the primary issues affecting the quality of administrative services.

 Table 3. Themes Coded from Interviews on Challenges Faced by Administrative Staff in Managing Student Administrative Services at IAIN Curup

 (2)
 (2)

 (2)
 (2)

No	Interview Topic	Theme 1	Theme 2	Theme 3
1	Technological	Support from	Barriers in	Impact of
	Support and	available	system use	technology on
	Barriers	technology		task efficiency
2	Workload	Level of staff	Causes of heavy	Effects on
	Intensity	workload	workload	service
				effectiveness
3	Administrative	Training	Training quality	Skills gained
	Training	frequency		from training
4	Administrative	Common types	Root causes	Solutions for
	Errors	of errors		error
				prevention
5	Staff	Internal	Barriers to	Effect on
	Communication	communication	communication	workflow
				smoothness
6	Digital System	System	Technical issues	Impact on staff
	Performance	optimization		performance
7	Time	Task scheduling	Time-related	Impact on task
	Management	practices	obstacles	effectiveness
8	Document	Document	Accessibility	Solutions for
	Management	handling	challenges	document
		practices		retrieval
9	Leadership	Leadership	Aspects needing	Impact on task
	Support	support levels	more support	effectiveness

(Source: Interview with Staff, 2025)

10	Work-Related	Frequency of	Stress factors	Coping
	Stress	stress		strategies
11	Role Clarity	Role and	Confusion due	Impact on work
		responsibility	to unclear roles	outcomes
		clarity		
12	Staff	Involvement in	Opportunities	Effect on
	Participation in	decisions	to provide input	service
	Decision-Making			improvement
13	Improvement	Staff suggestions	Steps to resolve	Urgent
	Proposals		problems	improvements
				required

Table 3 summarizes interview findings on challenges faced by administrative staff at IAIN Curup, revealing issues in technological infrastructure, workload, training, administrative errors, communication, digital systems, time and document management, leadership support, stress, and participation in decision-making. These themes provide a broad view of factors affecting service performance.

Technology and Digital System Barriers

All four staff reported that digital tools, though essential, were often unreliable—especially during peak periods like enrollment. "We rely on digital tools, but their unreliability delays task completion" (Staff 1) and "Data uploads fail... we must re-enter them manually" (Staff 3) reflect this issue. Observations showed frequent system downtimes (3–5 times monthly), leading staff to use manual backups, particularly for archiving. These problems echo Li (2024), who notes digital efficiency depends on infrastructure and readiness. Without proper investment, digitalization may worsen inefficiencies. Compton et al. (2023) warn that manual workarounds heighten risks of data error and redundancy, underscoring the need for upgrades and training.

Workload and Task Management

Staff reported excessive workloads and lack of task delegation. "We handle multiple roles without clear delegation" (Staff 4) and "There's no mechanism to prioritize urgent versus routine tasks" (Staff 2) highlight disorganized task management. Observations confirmed reliance on handwritten notes, with no digital scheduling tools; document retrieval took 12–18 minutes. These issues reflect Gong's (2024) view that poor task balance and lack of strategic workload distribution lead to delays and burnout. Without support systems, multitasking degrades service quality and morale. Automation and clearer coordination are vital for maintaining efficiency in high-demand settings.

Training, Communication, and Role Clarity

Staff reported infrequent and irrelevant training, often unrelated to actual tasks. "I only received one formal training last year, and it was on budgeting—not our software" (Staff 2) illustrates this gap. Training occurred less than once a year and rarely addressed software or service procedures. Additionally, unclear roles and poor communication led to overlap and duplication: "Sometimes assignments are unclear, causing duplicate work" (Staff 1). These problems align with AlDreabi et al. (2024), who note that vague task distribution and weak communication hinder efficiency. As Segbenya and Berisie (2020) emphasize, effective administration requires ongoing, relevant training and clear role definition. Without them, even committed staff risk working inefficiently.

Leadership, Decision-Making, and Stress Factors

Leadership at IAIN Curup was seen as morally supportive but lacked structural engagement in performance feedback and participatory decisions. "We are rarely consulted on system changes" (Staff 3) and "We need more clarity on task expectations" (Staff 4) reflect this disconnect. All staff reported stress during peak periods, with symptoms like fatigue and insomnia, worsened by the absence of wellness programs. These findings align with Ma et al. (2024), who link stress to low task control and weak support systems. Combined with system instability and poor communication, this raises burnout risks (Smithdorf et al., 2022). While decentralized leadership offers flexibility, Gudmundsson et al. (2023) warn it can cause ambiguity without cultural and communicative clarity. Participatory leadership with transparent structures is key to enhancing engagement (Ndjama & Van Der Westhuizen, 2023).

Improvement Proposals and Staff-Initiated Solutions

Despite challenges, staff actively proposed reforms, such as a centralized dashboard, annual role-specific training, and regular coordination meetings. "An integrated dashboard would streamline everything" (Staff 4) and "We need more training, not just for new staff but everyone" (Staff 2) reflect their focus on both system and human resource development. These suggestions show strong contextual insight and readiness to co-develop solutions. Research affirms that staff-driven innovation, especially under participatory leadership, enhances outcomes (Ndjama & Van Der Westhuizen, 2023). Institutional responsiveness to such input fosters ownership, reduces stress, and supports ongoing improvement in service delivery.

Observation Synthesis

Observations confirmed recurring themes: manual workarounds due to digital failures, inconsistent self-organized tasks, and informal resolution of procedural errors. Ambiguities in chain-of-command caused redundancy, while leadership offered moral but not structural support. Archiving remained partly digital, partly manual. These patterns support claims that administrative reform needs more than technical fixes—it requires cultural alignment, clear processes, and engaged leadership (Li, 2024; Compton et al., 2023). The mismatch between policy and practice underscores the limits of partial reform. A holistic strategy integrating technology, training, leadership, and workflow systems is vital for improving service quality and consistency.

Challenges Faced by Students Regarding the Implementation of Student Administration Services at IAIN Curup

Students, as primary users of student administration services at IAIN Curup, often face various obstacles in accessing, processing, and completing their administrative matters. These challenges range from limited access, delays in service, unclear information, to insufficient responsiveness from administrative staff. The following table summarizes key themes from interviews with students, highlighting the diverse issues they encounter and their impact on the student experience.

Interview Topic	Theme 1	Theme 2	Theme 3
	(Student)	(Student)	(Student)
Ease of Access	Ease of access	Barriers to	Impact of
	to services	accessing services	access barriers
			on experience
Service Delays	Occurrence of	Services most	Impact of
	delays	frequently	delays on
		delayed	students
Information	Ease of finding	Difficulties in	Impact of
Clarity	procedural info	understanding or	unclear info on
		locating info	students
Online Service	Experience with	Technical issues	Impact of
Use	online services		technical
			problems on
			experience
	Ease of Access Service Delays Information Clarity Online Service	Image:	Image: Construct of the service of Access(Student)(Student)Ease of AccessEase of accessBarriers to accessing servicesService DelaysOccurrence of delaysServices most frequently delayedInformationEase of finding procedural infoDifficulties in understanding or locating infoOnline ServiceExperience withTechnical issues

Student Administrative Services at IAIN Curup (Source: Interview with Students, 2025)

Table 4. Themes from Interviews on Challenges Faced by Students in Managing

5	Staff	Speed of staff	Quality of	Effect of
	Responsiveness	response	communication	delayed
				responses
6	Satisfaction	Overall	Areas needing	Effect of
	Level	satisfaction	improvement	dissatisfaction
7	Complaint	Complaint	Effectiveness of	Influence on
	Handling	submission	follow-up	satisfaction
		process		
8	Technical	Experience of	Ways to resolve	Impact on
	Challenges	technical errors	problems	experience
9	Waiting Times	Experience with	Perceived length	Effect on
		queuing	of wait	comfort
10	Notification	Frequency of	Methods of	Effect on
	Frequency	official updates	obtaining info	satisfaction
11	Communication	Barriers in	Causes of	Impact on
	Difficulties	communication	communication	service quality
			problems	
12	Transparency	Perceived	Difficulties in	Effect on
		transparency	obtaining info	experience
13	Improvement	Required	Expectations for	Effect on
	Needs	changes	future system	service quality

Table 4 presents coded interview data highlighting key student challenges in accessing administrative services at IAIN Curup. Major themes include accessibility, delays, information clarity, technology use, staff responsiveness, complaint handling, and satisfaction. These themes reveal the intricate link between administrative systems and student experiences, emphasizing the need for service improvements.

Accessibility and Delays

Students frequently faced access issues and delays—9 of 12 cited inconsistent office hours, unclear signage, and long queues. "The office is open, but sometimes they say, 'Come back tomorrow,' without explanation" (Student 3) reflects this frustration. Delays of one to over two weeks, especially for scholarship disbursement, were common. Observations showed wait times over 30 minutes during peak hours, pointing to staff shortages and infrastructure strain. These issues reflect structural fragility and align with TQM principles, which stress responsive infrastructure and user-focused improvements (Rizos et al., 2022). Poor accessibility undermines service equity and calls for adaptive scheduling, resource reallocation, and spatial redesign.

Information and Communication Issues

Students reported conflicting administrative information—8 of 12 experienced discrepancies between in-person and online instructions. "What they say in person often differs from the website" (Student 5) and "I got two different answers for the same question" (Student 11) illustrate this confusion. The absence of centralized, updated briefings led to incomplete submissions and repeated visits. According to Organizational Communication Theory, such breakdowns in formal systems hinder user engagement (Selanno & Rahawarin, 2024). Without synchronized communication across channels, transparency erodes and trust declines. Addressing this requires digital updates, clear verbal protocols, and routine cross-unit coordination.

Digital System and Technical Barriers

Technical issues were widespread—10 students reported login errors, upload failures, and frozen portals, especially during peak periods. "I was trying to upload my file, and the site just froze—I had to come to the office instead" (Student 6) illustrates this. These disruptions increased in-person traffic and administrative strain. Such problems highlight the importance of digital readiness, including reliable systems and infrastructure (Hassan et al., 2022). System failures force students back to manual processes, undermining digitalization goals. As TQM principles assert, effective digital services require not just online access, but strong backend systems, responsive IT support, and user-focused design (Rizos et al., 2022).

Staff Responsiveness and Complaint Handling

Student feedback on staff responsiveness was mixed—four noted quick, friendly service: "They were nice and fast" (Student 1), while eight reported delays and unresponsiveness, such as waiting days for replies: "I sent a message and waited four days for a reply" (Student 4). Only two of several complaints received proper follow-up, and half of the students were unaware of formal complaint procedures. These findings align with service literature stressing that procedural fairness and clear grievance mechanisms impact satisfaction (Omoola et al., 2024; Mpuangnan & Roboji, 2024). Without structured and accessible complaint systems, institutions risk eroding trust and leaving issues unresolved. Formal protocols and timely responses are thus essential to institutional accountability and reform.

Student Satisfaction and Improvement Expectations

Student satisfaction ranged from moderate to low. Five students appreciated aspects like polite staff and online access but were frustrated by systemic flaws. "Sometimes it works fine, but other times it's chaotic" (Student 4) and "They're doing their best, but the system doesn't support them" (Student 7) express this. Suggestions included real-time tracking, clearer communication, more staff, and better waiting facilities. Ten students endorsed a status update feature for transparency. These insights support the view that satisfaction depends on the match between expectations and institutional performance (Hassan et al., 2022). As TQM and digital governance literature suggest, user feedback and real-time systems are key to improving service responsiveness (Rizos et al., 2022). Institutions should treat student input as a basis for participatory improvements.

Observation Synthesis

Observational data validated student experiences—staff desks were overcrowded, and students often avoided asking questions due to time pressure or fear of rejection. The digital system lacked status indicators, signage was limited, and waiting areas were poorly ventilated. These conditions reflect both service strain and design flaws. Physical discomfort and spatial inefficiency reduce satisfaction (Putri et al., 2024), while digital systems are ineffective without sufficient staffing and infrastructure (Shqau et al., 2020). Usability involves more than technology—it includes space, communication, and comfort. Effective reform must address digital, structural, and human elements in an integrated manner.

Proposed Solutions to Address Challenges in Student Administrative Services at IAIN Curup

To address the persistent issues in student administrative service management at IAIN Curup, administrative staff have proposed a series of strategic actions centered on technological modernization, skill enhancement, and procedural improvements. These include upgrading digital infrastructure to support automation, enhancing training in digital tools and communication, and streamlining bureaucratic procedures to increase efficiency. Additional recommendations emphasize improved coordination among teams, leadership support through adequate facilities, and more effective time management policies. The following table presents a thematic summary of the proposed solutions aimed at enhancing the quality of administrative services for students at IAIN Curup.

Table 5. Thematization of Interview Data from Administrative Staff on Proposed
Solutions to Improve Student Administrative Services at IAIN Curup
(Source: Interview with Staff, 2025)

No	Interview Topic	Theme 1 (Staff	Theme 2 (Staff	Theme 3 (Staff
		Recommendation)	Recommendation)	Recommendation)
1	Technological	Modernization	Staff training to	Development of
	Improvement	and enhancement	optimize	integrated and
		of technological	technology use	user-friendly
		infrastructure		systems
2	Workload	Automation of	Redistribution of	Hiring additional
	Reduction	administrative	workload	staff or
		tasks through	according to staff	outsourcing
		digital systems	expertise	support
3	Staff Training	Periodic training	Development of	Specialized
		in digital	management and	training in
		administrative	communication	administrative
		systems	skills	problem-solving
4	Error	Standardization of	Use of automated	Enhanced
	Prevention	administrative	data validation	supervision and
		procedures	systems	regular
		(SOPs)		evaluations
5	Internal	Implementation	Routine	Communication
	Communication	of efficient	coordination	skills training to
		internal digital	meetings to	foster
		communication	improve team	collaboration
		tools	synergy	
6	Digital System	Development of	Addition of more	Faster and more
	Optimization	cloud-based	intuitive and	proactive
		systems for stable	responsive	technical support
		access	features	
7	Time	Structuring more	Utilization of time	Clear task
	Management	flexible but	management tools	distribution to
		organized work	like reminders and	enhance focus
		schedules	deadlines	
8	Document	Full digitalization	Implementation	Staff training in
	Access and	of administrative	of efficient	digital document
	Management	documents	document search	handling
			systems	

9	Leadership	Enhanced	Incentives or	Provision of
	Support	communication	recognition for	supportive
		transparency	outstanding staff	facilities and
		between	performance	infrastructure
		leadership and		
		staff		
10	Stress	Simplification of	Staff well-being	Workload
	Reduction	bureaucratic	programs such as	reduction through
		procedures	flexible hours and	team-based task
			psychological	allocation
			support	
11	Task	Creation of	Clear and	Periodic
	Distribution	detailed and	documented task	evaluation of team
		transparent SOPs	reporting systems	task distribution
		on task		effectiveness
		distribution		
12	Staff	Regular discussion	Increased	Opportunities for
	Involvement in	forums to voice	transparency in	staff to propose
	Decision-	staff input	administrative	service
	Making		policies	innovations
13	Service	Simplification of	Use of digital	Periodic
	Improvement	procedures for	technology for	evaluations to
	Priorities	easier student	more efficient	ensure continuous
		access	services	service
				improvement

Table 5 summarizes staff recommendations to enhance student administrative services at IAIN Curup. The suggestions cover technological upgrades, workload distribution, continuous training, error mitigation, internal communication, document and time management, leadership engagement, stress reduction, and participatory decision-making. These integrated strategies reflect staff aspirations for a more efficient and student-centered system.

Technological and Digital System Enhancement

All four staff stressed the need for integrated, cloud-based platforms with real-time tracking and mobile access to reduce delays and manual tasks. "A stable, integrated dashboard would help us avoid repetitive tasks and reduce delays" (Staff 1) reflects this urgency. This supports Zahurin et al. (2024), who emphasize automation and system integration for efficient, accountable services.

Three staff also proposed targeted training to boost digital literacy and lessen IT dependence, highlighting the importance of pairing infrastructure upgrades with capacity building (Shatnawi et al., 2024).

Human Resource Optimization and Training

Staff emphasized the need for balanced task allocation and ongoing training. They proposed automating routine tasks, hiring temporary staff during peak times, and delegating roles more clearly. "We often learn by doing. Formal training would help us manage the system better" (Staff 3). These views align with Elizah et al. (2022), who stress pairing infrastructure with staff competency. Standardized SOPs and automated validations were also recommended to minimize errors, reflecting Rahareng's (2021) view that clarity and system support are key to consistent service delivery.

Workflow and Time Management Reform

Staff highlighted the need for digital scheduling tools, task trackers, and automated reminders to ease workflow bottlenecks. Clear delegation was seen as crucial during peak periods to prevent overlap. They also stressed full digitization of student records, smart search functions, and archiving training. "We still use paper for many things—it slows us down and risks losing important files" (Staff 2). These suggestions align with Szczygielski (2024), who emphasizes that structured digital records enhance efficiency and safeguard institutional memory.

Leadership and Organizational Support

Staff emphasized the need for transparent decision-making, regular feedback, and recognition to boost motivation. Two suggested improving workspace conditions—better ventilation and ergonomic furniture—and noted the absence of wellness programs despite widespread stress. These points highlight the link between supportive environments and sustainable service, aligning with research on leadership's role in fostering trust and engagement (Ndjama & Van Der Westhuizen, 2023).

Participation and Innovation in Service Development

Staff advocated for more involvement in designing and revising procedures, suggesting discussion forums and anonymous input channels. "Sometimes we just follow rules that don't work on the ground. If we could give input early, it would save time later" (Staff 4). This reflects the value of participatory governance, as Elizah et al. (2022) note, which fosters ownership, innovation, and adaptability. Regular service evaluations were also proposed to support continuous improvement.

Synthesis and Practical Implication

Staff proposals across technological, structural, and managerial areas reflect a shared, practical vision for reform at IAIN Curup. Though varied, these strategies align with TQM principles emphasizing iterative improvement, usercentered change, and organizational learning (Rizos et al., 2022). Sustainable service enhancement requires more than digital tools—it demands supportive leadership, clear communication, and empowered staff within a culture of continuous development.

CONCLUSION

This study concludes that while student administrative services at IAIN Curup are guided by structured procedures, digital systems, and SOP-based training, significant challenges remain. Issues such as processing delays, implementation, technological and inconsistent limited reliability. communication gaps continue to hinder service effectiveness. Both staff and students highlight problems related to manual systems, inadequate training, unclear task divisions, and insufficient leadership engagement. Despite these constraints, feedback from both groups indicates strong potential for reform through system modernization, capacity building, procedural refinement, and institutional support. These findings underscore the urgency of developing a more transparent, reliable, and student-centered administrative model anchored in collaborative improvement. Future research should consider longitudinal studies to evaluate the outcomes of digital and procedural reforms over time. Mixed-method approaches could yield richer insights into staff and student experiences, service efficiency, and satisfaction. Moreover, examining the role of leadership and institutional culture in driving administrative transformation would offer valuable contributions to the advancement of higher education governance.∎

REFERENCES

- Ågerfalk, P. J., Conboy, K., & Myers, M. D. (2020). Information systems in the age of pandemics: COVID-19 and beyond. *European Journal of Information Systems*, 29(3), 203–207. https://doi.org/10.1080/0960085X.2020.1771968
- AlDreabi, H., Twahya, F., Alzboun, N., Anabtawi, M., Ghaboush, R., Alhur, M., & Alshurideh, M. (2024). The role of digital communication in developing administrative work in higher education institutions. *International Journal of Data and Network Science*, 8(2), 1261–1274.

- Alemu, A. (2023). Assessing service quality in tertiary Education using adapted SERVQUAL scale. Cogent Education, 10(2), 2259733. https://doi.org/10.1080/2331186X.2023.2259733
- Amin, H. (2024). Value-based frameworks and peace education in faith-neutral, faith-based and faith-inspired schools in Islamabad: A comparative analysis. *Journal of Peace Education*, 21(1), 54–81. https://doi.org/10.1080/17400201.2023.2289655
- Asiyai, R. I. (2022). Best practices for quality assurance in higher education: Implications for educational administration. International Journal of Leadership in Education, 25(5), 843–854. https://doi.org/10.1080/13603124.2019.1710569
- Bandauko, E., & Nutifafa Arku, R. (2023). A critical analysis of 'smart cities' as an urban development strategy in Africa. *International Planning Studies*, 28(1), 69–86. https://doi.org/10.1080/13563475.2022.2137112
- Barry, D., & Goedegebuure, L. (2020). Good Governance and Higher Education. In P. N. Teixeira & J. C. Shin (Eds.), *The International Encyclopedia of Higher Education Systems and Institutions* (pp. 572–578). Springer Netherlands. https://doi.org/10.1007/978-94-017-8905-9_148
- Bukhori Muslim, A., Arroisi, J., Jan, J. M., & Ramazani, R. (2024). Indonesian pesantren -affiliated higher education: Universal Islamic values to develop locally engaged but globally oriented multilingual graduates. Research in Post-Compulsory Education, 29(1), 138–157. https://doi.org/10.1080/13596748.2023.2285633
- Cassidy, K. J., Sullivan, M. N., & Radnor, Z. J. (2021). Using insights from (public) services management to improve student engagement in higher education. *Studies in Higher Education*, 46(6), 1190–1206. https://doi.org/10.1080/03075079.2019.1665010
- Compton, M. E., Young, M. M., Bullock, J. B., & Greer, R. (2023). Administrative Errors and Race: Can technology mitigate inequitable administrative outcomes? *Journal of Public Administration Research and Theory*, 33(3), 512–528.
- Creswell, J. W., & Poth, C. N. (2018). *Qualitative Inquiry & Research Design: Choosing Among Five Approaches* (Fourth edition.). SAGE.
- Dacholfany, M. I., Noor, T. R., Diana, E., & Prayoga, D. (2021). Identification of higher education administration applications efforts to improve digitalbased academic services. *Linguistics and Culture Review*, 5(S2), 1402–1414.
- Dwivedi, S., & Vig, S. (2024). Blockchain adoption in higher-education institutions in India: Identifying the main challenges. *Cogent Education*, 11(1), 2292887. https://doi.org/10.1080/2331186X.2023.2292887

- Elizah, F., Warsah, I., Warlizasusi, J., Faishol, R., & Asha, L. (2022). Manajemen pembelajaran berbasis e-learning di masa pandemic COVID 19. Jurnal Ilmiah Ar-Risalah: Media Ke-Islaman, Pendidikan Dan Hukum Islam, 20(1), 051–072.
- Engdaw, B. (2022). The effect of administrative decentralization on quality public service delivery in Bahir Dar city administration: The case of Belay Zeleke sub-city. *Cogent Social Sciences*, 8(1), 2004675. https://doi.org/10.1080/23311886.2021.2004675
- Gong, X. (2024). A Study on the Balance between Efficiency and Effectiveness in Tertiary Education Administration Management. *Information Technology*, 7(9), 53–58.
- Gudmundsson, J., Hougaard, J. L., & Platz, T. T. (2023). Decentralized task coordination. *European Journal of Operational Research*, 304(2), 851–864. https://doi.org/10.1016/j.ejor.2022.04.026
- Haimah, H., Sahono, B., Somantri, M., & Connie, C. (2021). Academic Supervision of the State Principal School (Evaluative Study in Rejang Lebong Regency, Indonesia). *Tadbir: Jurnal Studi Manajemen Pendidikan*, 5(2), Article 2. https://doi.org/10.29240/jsmp.v5i2.3441
- Hassan, N., Hussain, A., Bhatti, M. A., & Ahmad, T. I. (2022). Perceived Administrative Service Efficiency in Academia: A Case Study of International Islamic University Islamabad. *iRASD Journal of Management*, 4(2), 449–464.
- Hui, Z., Khan, A. N., Chenglong, Z., & Khan, N. A. (2024). When Service Quality is Enhanced by Human–Artificial Intelligence Interaction: An Examination of Anthropomorphism, Responsiveness from the Perspectives of Employees and Customers. *International Journal of Human– Computer* Interaction, 40(22), 7546–7561. https://doi.org/10.1080/10447318.2023.2266254
- Le, T. T., Phuong, H. Y., Pham, T. T., Nguyen, A. T., Huynh, T. A. T., & Nguyen, H. T. (2023). The integral roles of supporting staff in bolstering academic performance: A qualitative study in Vietnamese higher education institutions. *Cogent Arts & Humanities*, 10(1), 2264008. https://doi.org/10.1080/23311983.2023.2264008
- Ma, T., Qu, Z., Fan, J., & Liu, Q. (2024). Strategies and Practices in Building an Informationized Ecological System for Higher Education Administrative Management. *Social Security and Administration Management*, 5(2), 108–115. https://doi.org/10.23977/socsam.2024.050215
- Mfecane, N., Iwu, C. G., & Mohsam, F. (2022). Quality of administrative services in a South African higher education institution. Stakeholder

perceptions. Journal of Research in Higher Education, 6(1). https://www.ceeol.com/search/article-detail?id=1056681

- Mizrahi, S. (2021). Performance Funding and Management in Higher Education: The Autonomy Paradox and Failures in Accountability. *Public Performance & Management Review*, 44(2), 294–320. https://doi.org/10.1080/15309576.2020.1806087
- Mpuangnan, K., & Roboji, Z. (2024). Transforming educational leadership in higher education with innovative administrative strategies. *International Journal of Educational Management and Development Studies*, 5(2), 27–56.
- Mukhibat, M., Effendi, M., Setyawan, W. H., & Sutoyo, M. (2024). Development and evaluation of religious moderation education curriculum at higher education in Indonesia. *Cogent Education*, 11(1), 2302308. https://doi.org/10.1080/2331186X.2024.2302308
- Omoola, S. O., Bakare, K. K., & Salame, A. H. (2024). University resources and student complaints in Malaysian higher education institutions. *Journal of Applied* Research in Higher Education. https://www.emerald.com/insight/content/doi/10.1108/jarhe-11-2023-0551/full/html
- Persheyev, A., Bekturganov, A., & Tokhanova, R. (2024). Issues of the time limit for consideration of an administrative complaint. BULLETIN of LN Gumilyov Eurasian National University Law Series, 146(1). https://bullaw.enu.kz/index.php/main/article/view/371
- Putri, N., Permanasari, R., Elizah, T., Trinanda, R., Azis, F., Warsah, I., & Nurjannah, N. (2024). Inovasi pemanfaatan teknologi informasi dalam meningkatkan efisiensi manajemen pendidikan di mis 05 darussalam. Ar-Risalah Media Keislaman Pendidikan Dan Hukum Islam, 22(1), 033–050. https://doi.org/10.69552/ar-risalah.v22i1.2372
- Rahareng, S. (2021). The impact of implementing standard operating procedures and supervision on employee performance. *BJRM (Bongaya Journal of Research in Management)*, 4(1), 26–33.
- Rizos, S., Sfakianaki, E., & Kakouris, A. (2022). Quality of Administrative Services in Higher Education. *European Journal of Educational Management*, 5(2), 115–128.
- Segbenya, M., & Berisie, T. (2020). The effect of training and development on the performance of senior administrative staff at the University of Education, Winneba, Ghana. *International Journal of Business and Management*, 15(2), 49–61.
- Selanno, H., & Rahawarin, M. A. (2024). Effectiveness of communication in local government organizations. *Journal of Infrastructure, Policy and Development*, 8(8). https://shibata.yubetsu.com/article/FRz8PVaY

- Seth, S., Sharma, S., Lowe, D., & Galhotra, B. (2024). Technological Integration in Higher Education: Insights from the Indian Context. *Journal of Informatics Education and Research*, 4(2), Article 2. https://doi.org/10.52783/jier.v4i2.1129
- Shatnawi, H. A., Al-Kharabsheh, A., Albdour, A. W. M., & Alshamayleh, H. G. M. Y. (2024). The Impact of Administrative Skills on the Performance of Employees: A Study of Insurance Companies' Governance. *Journal of Governance and Regulation/Volume*, 13(3). https://virtusinterpress.org/IMG/pdf/jgrv13i3art20.pdf
- Shqau, G., Qano, V., & Shqau, E. (2020). Effective management of waiting in queues. *CRJ*, *2*, Article 2. https://doi.org/10.59380/crj.v2i2.2789
- Singh, A., Prasher, A., & Kaur, N. (2020). Assessment of hospital service quality parameters from patient, doctor and employees' perspectives. *Total Quality Management & Business Excellence*, 31(13–14), 1467–1486. https://doi.org/10.1080/14783363.2018.1487283
- Smithdorf, G., Reynders, J., Meyer, E., November, R., & Malema, M. (2022). The Assessment of Health Risk Behaviours among the Administrative Staff at an Institution of Higher Education. *The Open Public Health Journal*, 15(1).

https://openpublichealthjournal.com/VOLUME/15/ELOCATOR/e18 7494452208100/

- Szczygielski, K. (2024). A simple model of flexible working time arrangements. *Bulletin of Economic Research*, 76(4), 1122–1125. https://doi.org/10.1111/boer.12464
- Tian, L., Stuart, G., & Ozawa-Meida, L. (2025). Smart faces: Using communication strategies to optimize technical information flow in middle-out facilities management. *Building Research & Information*, 1–15. https://doi.org/10.1080/09613218.2025.2453543
- Tran, C. N. N., Tat, T. T. H., Tam, V. W. Y., & Tran, D. H. (2023). Factors affecting intelligent transport systems towards a smart city: A critical review. *International Journal of Construction Management*, 23(12), 1982–1998. https://doi.org/10.1080/15623599.2022.2029680
- Widawati, E., & Siswohadi, S. (2021). Analysis of Student Satisfaction with Academic and Administrative Services. IJEBD (International Journal of Entrepreneurship and Business Development), 4(1), 59–65.
- Wirtz, B. W., Weyerer, J. C., & Sturm, B. J. (2020). The Dark Sides of Artificial Intelligence: An Integrated AI Governance Framework for Public Administration. *International Journal of Public Administration*, 43(9), 818–829. https://doi.org/10.1080/01900692.2020.1749851

Elizah, T., Asha, L., Fathurrochman, I., Hamengkubuwono, & Rahman, A: *Analysis of Student* Administrative ... | 363

- Zahurin, K., Mamat, N., wan Ali, W. N. H., & Abas, H. (2024). The influence of robotic process automation on the administrative workload of teachers. *Open International Journal of Informatics*, 12(1), 47–56.
- Zheng, Y. (2024). Service Operations Management and Administrative Efficiency of a Technology University in GuangDong China. World Journal of Educational Research, 11(5), Article 5. https://doi.org/10.22158/wjer.v11n5p33

This page belongs to the Tadbir : Jurnal Studi Manajemen Pendidikan Tadbir : Jurnal Studi Manajemen Pendidikan Vol. 9, No.1, Mei 2025 IAIN Curup – Bengkulu | p-ISSN 2580-3581; e-ISSN 2580-5037