

Student Satisfaction In BEED Programs: A Study On Academic Resources And Institutional Services

Cherry C. Favor¹, PhD, Oriel D. Esteban², EdD, Vannie Jill O. Esteban³, EdD

¹Southern Luzon State University, Judge Guillermo Eleazar

²College of Teacher Education, Tagkawayan, Quezon

ccfavor@slsu.edu.ph¹, estebanoriel@slsu.edu.ph², estebanvannie@slsu.edu.ph³

Abstract

Student satisfaction is a crucial measure of the quality of education, institutional effectiveness, and overall learning experience in higher education. This study examines the factors influencing the satisfaction of Bachelor of Elementary Education (BEED) students, focusing on the role of academic resources, institutional support services, and external factors. Using a mixed-methods research design, the study employed quantitative surveys and qualitative interviews to assess the impact of these variables on student satisfaction.

Findings revealed that while academic resources such as libraries, laboratories, and classroom facilities were generally sufficient, they were not the strongest predictors of satisfaction. Institutional support services, including academic advising, counseling, and administrative assistance, showed variations in effectiveness, highlighting the need for enhanced accessibility and consistency. Among all factors examined, external influences such as financial stability, family support, workload, and faculty engagement had the most substantial impact on student satisfaction. Challenges such as limited library resources, slow internet connectivity, and insufficient counseling services further contributed to student stress.

The need for a holistic approach to improving student satisfaction, emphasizing enhanced technology-integrated classrooms, expanded financial aid programs, better student wellness initiatives, and structured academic support services was the main take away of this study. Additionally, a continuous student satisfaction monitoring system is recommended to ensure responsive institutional improvements. By addressing these challenges, SLSU-JGE BEED Program can create a more student-centered academic environment, ensuring that BEED students receive the necessary resources and support to thrive in their academic and professional journeys.

Keywords: Student satisfaction, academic resources, institutional support, external factors, BEED students

INTRODUCTION

The level of satisfaction of students is a critical indicator of the quality of education, institutional effectiveness, and overall learning experience. In higher education, satisfaction significantly influences students' academic performance, retention, and career readiness (Mendoza-Villafaina et al., 2024). For Bachelor of Elementary Education (BEED) students, understanding the role of resources, support services, and external factors in their academic journey is vital to improving the delivery of education and fostering their professional development as future educators. The availability and adequacy of resources, including instructional materials, technology, and infrastructure, are fundamental to creating an environment conducive to learning. Access to up-to-date learning resources, such as textbooks and digital tools, enhances students' ability to acquire knowledge and apply it effectively (Haleem, et al., 2022). For BEED students, whose training heavily relies on pedagogy and the integration of teaching strategies, these resources become indispensable. Without sufficient resources, their learning experiences may be compromised, which in turn affects their satisfaction levels. Support services, such as academic advising, counseling, financial aid, and extracurricular activities, play a crucial role in students' educational experiences. (Crawford, et al., 2023) emphasized that institutional support systems directly impact students' sense of belonging, which is an important determinant of their satisfaction and persistence in school. For BEED students, who often juggle academic responsibilities with practicum requirements, access to guidance and support services is critical in addressing academic and personal challenges. External factors, including family support, socio-economic status, and community environment,

also influence student satisfaction. According to Bronfenbrenner's (1974) ecological systems theory, individuals are affected by interactions within their immediate environment (microsystem) and larger social systems (macrosystem). BEED students, in particular, may rely on family encouragement, community involvement, and societal recognition of the teaching profession to sustain their motivation and satisfaction. The interplay between these external factors and institutional support highlights the complexity of factors influencing their academic satisfaction.

Legal Bases in the Philippine Contexts

The framework of this study has been anchored in several legal mandates and policies in the Philippines that have emphasized quality education and student welfare. The 1987 Philippine Constitution, Article XIV, Section 1, has mandated the State to protect and promote the right of all citizens to quality education at all levels, ensuring accessibility through appropriate measures. This provision has highlighted the need for adequate resources, support services, and opportunities that enhance student satisfaction. Similarly, Republic Act No. 7722, or the Higher Education Act of 1994, has established the Commission on Higher Education (CHED), empowering it to promote relevant and high-quality education. CHED Memorandum Orders (CMOs), particularly those related to teacher education, have stressed the importance of student-centered learning approaches and access to quality instructional materials and support systems. Furthermore, Republic Act No. 10533, the Enhanced Basic Education Act of 2013, has primarily focused on basic education but has also underscored the significance of sufficient resources and teacher training programs in ensuring quality instruction. For Bachelor of Elementary Education (BEED) students, this law has served as a framework to prepare them for their roles as educators within the K-12 system. In addressing financial barriers to education, Republic Act No. 10687, the Unified Student Financial Assistance System for Tertiary Education Act, has ensured the accessibility of financial aid and scholarships for deserving students, mitigating socio-economic challenges that may have affected student satisfaction. Additionally, Republic Act No. 11314, the Student Fare Discount Act, has granted fare discounts to students, easing transportation expenses and indirectly improving their academic experience by reducing financial burdens. Lastly, CHED Memorandum Order No. 75, Series of 2017, has outlined the policies, standards, and guidelines for BEED programs, emphasizing the need for adequate resources, student support services, and high-quality instruction to foster the holistic development of future educators. Collectively, these legal mandates and policies have formed the foundation of this study, reinforcing the commitment to accessible, high-quality education and the overall well-being of students.

Rationale of the Study

While prior research has examined general student satisfaction, there has been limited focus on the unique experiences of BEED students. Given the specialized nature of their program, which has prepared them for the teaching profession, it has been essential to identify the specific resources, support systems, and external factors that have contributed to their satisfaction. This study has aimed to bridge this gap by investigating how these variables have impacted BEED students' educational experiences and overall satisfaction levels. By understanding the role of resources, support services, and external factors within the framework of these legal mandates, educational institutions have been enabled to design more targeted interventions to enhance student satisfaction. This has not only improved the quality of teacher education programs but has also contributed to the development of competent and motivated future educators.

Student satisfaction has been defined as the extent to which students' educational experiences have met or exceeded their expectations (Elliott. & Shin. , 2002)). It has encompassed various dimensions, including academic resources, teaching quality, institutional support, and external influences. Satisfaction has been linked to positive educational outcomes such as higher engagement, academic success, and institutional loyalty (Jalbuna. & Estoconing, 2024)). For BEED students, satisfaction has been particularly significant as it has shaped their readiness to become effective educators in the future.

THEORETICAL FRAMEWORKS

The role of resources in student satisfaction has been considered a critical factor in shaping learning experiences, particularly in teacher education programs. The adequacy and accessibility of instructional materials, technology, and physical facilities have significantly impacted student learning outcomes. Research has indicated that access to modern resources, such as online learning platforms and well-equipped libraries, has positively correlated with student satisfaction (Abuhassna et al., 2020). For Bachelor of Elementary Education (BEED) students, resource adequacy has been especially crucial, as they have required specialized materials to support pedagogy and teaching practice. In addition, technological advancements have transformed educational experiences by providing greater flexibility and interactivity. Studies have suggested that e-learning resources and digital tools have enhanced student satisfaction by facilitating self-paced learning (Limbu. & Pham, 2023). However, challenges such as digital inequality and inadequate technological support have negatively impacted the overall learning experience (Timotheou, et al., 2023).

Beyond resources, the importance of support services in higher education has played a vital role in student satisfaction. Academic support, including advising and mentorship programs, has been identified as a key contributor to student success. (Johnson, et, al., 2022) has emphasized that personalized academic guidance has fostered student retention and achievement. In teacher education, support services tailored to practicum requirements and teaching internships have been particularly beneficial (Becker, et, al., 2013). Counseling and financial assistance have further enhanced student satisfaction by addressing mental health and financial concerns. Counseling services have provided emotional support, helping students manage academic stress, while financial aid programs have reduced economic burdens, leading to improved satisfaction among students from low-income backgrounds (Moore, et, al., 2021). Moreover, extracurricular activities have contributed to student engagement and well-being. Participation in student organizations, particularly those related to education and community service, has fostered a sense of belonging and provided practical experiences that have complemented academic learning Furda & Shulesk (2019)

General and Specific Objectives of the Study

This study has aimed to evaluate the level of satisfaction of BEED students at Southern Luzon State University – Judge Guillermo Eleazar (SLSU-JGE) with institutional resources and services and to recommend strategies for improvement based on the findings.

Specifically, this study has sought to:

1. Measure the satisfaction levels of BEED students regarding academic resources, including libraries, laboratories, and classroom facilities.
2. Assess student satisfaction with institutional support services, such as academic advising, counseling, and administrative processes.
3. Identify the key factors influencing both high and low levels of satisfaction among college students.
4. Provide actionable recommendations to enhance resource utilization and improve the delivery of institutional services.

METHODOLOGY

To achieve this objective, a mixed-methods research design was employed, integrating both quantitative and qualitative approaches. This methodological framework was ensured to provide a comprehensive understanding of the factors influencing student satisfaction and was aligned with prior studies that had advocated for the use of mixed methods in educational research (Amoako, et, al., 2023).

Research Design: Mixed-Methods Approach

A mixed-methods approach was utilized, integrating quantitative data to provide measurable insights and qualitative data to capture deeper perspectives (Dawadi, et al, 2023) had emphasized that this approach was designed to allow for a holistic analysis by addressing both the breadth and depth of a research problem. In

this study, mixed methods were particularly relevant, as they had enabled the exploration of numerical patterns in student satisfaction while capturing contextual factors that had shaped these patterns. For the quantitative component, a descriptive-correlational research design was utilized to analyze the relationships between resources, support services, external factors, and student satisfaction. Descriptive studies had provided an overview of the current situation (Gopalan, et al., 2020), while correlational analysis was used to determine the strength and direction of relationships among variables (Curtis et al., 2016). This approach had aligned with studies such as curtis and curtis 2011), which had examined key factors influencing student satisfaction in higher education using statistical methods.

The qualitative component had complemented the quantitative data through a phenomenological approach, which had been employed to explore BEED students' lived experiences and perceptions of resources, support services, and external factors. This method was considered particularly suitable for understanding participants' subjective experiences and the meanings they had ascribed to them (Bazen,et,al., 2021,). Qualitative insights had added depth to numerical findings, following the recommendations of Nassaji (2021), who had emphasized the importance of qualitative narratives in understanding students' social and academic integration.

Participants and Sampling

The study had involved BEED students from first-year to fourth-year at SLSU-JGE, ensuring representation across different academic levels.

For the quantitative component, stratified random sampling had been used to ensure proportional representation of students across year levels. Stratified sampling had been considered effective in capturing variations among subgroups (Tipton, 2014). The sample size was determined using Slovin's formula, resulting in an estimated 200 participants, ensuring statistical accuracy while minimizing sampling error.

For the qualitative component, purposive sampling had been employed to select 10–15 participants per year level who had provided diverse insights into their academic experiences. Purposive sampling had been considered particularly useful for phenomenological studies, as it had focused on participants who had offered rich and meaningful perspectives on the research topic (Frechette, 2020).

Data Collection Methods

A structured survey questionnaire was developed to collect quantitative data on resources, support services, external factors, and student satisfaction. The questionnaire was adapted from validated instruments used in similar studies, such as the Student Satisfaction Inventory (SSI) by Al-Fraihat (2021). Research by Buntins (2021) had supported the effectiveness of survey instruments in capturing large-scale patterns in student satisfaction. For the qualitative component, semi-structured interviews were conducted to explore students' experiences in greater depth. This method had allowed for in-depth discussions while providing flexibility for respondents to share their perspectives (Ruslin et al., 2022). Open-ended questions were designed to capture insights on how resources, support services, and external factors had influenced student satisfaction and academic experiences at SLSU-JGE.

Data Analysis

The quantitative analysis was conducted, including descriptive statistics (mean, standard deviation) to summarize the data. Pearson correlation and multiple regression analysis were performed to determine relationships between independent variables (resources, support services, and external factors) and the dependent variable (student satisfaction). This analytical framework had followed the recommendations of Figgou. & Pavlopoulos. (2015), who had advocated regression analysis as a method for identifying significant predictors of student satisfaction. For the qualitative analysis, thematic analysis was conducted using Kiger & Varpio (2020) six-phase framework, which had allowed for the identification of recurring themes and patterns in participants' narratives. This approach had provided deeper insights into students' lived experiences, complementing the quantitative findings.

Ethical Considerations

Ethical approval had been obtained from SLSU's Institutional Ethics Review Board to ensure compliance with research ethics. Informed consent was secured from all participants, ensuring they were fully aware of the study's purpose and their right to withdraw at any time. Measures had been implemented to protect anonymity and confidentiality, following ethical guidelines outlined by Creswell and Creswell (2018). This study had adhered to the highest ethical standards to ensure the integrity of the research and safeguard participants' rights.

RESULTS AND DISCUSSIONS

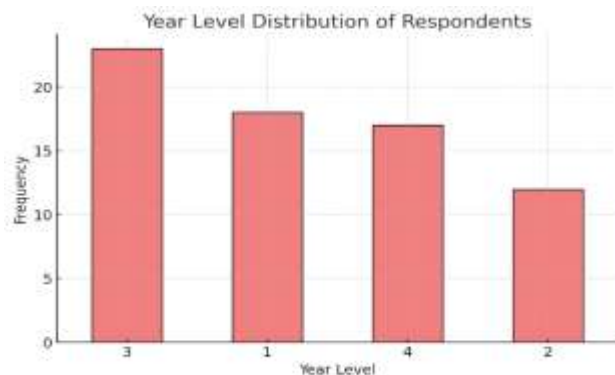


Figure 1. Year Level Distribution

The bar graph illustrates the distribution of respondents according to their year level. The third-year students represent the largest group, indicating that they have the highest level of participation in the study. First-year and fourth-year students also have a significant presence, with slightly lower frequencies than third-year students. Meanwhile, second-year students constitute the smallest proportion of respondents. This distribution suggests that upper-year students, particularly third and fourth years, may be more engaged in institutional surveys or more willing to provide feedback regarding their academic experiences. The lower participation of second-year students could indicate a lesser degree of involvement in institutional matters or a smaller cohort size within the program. Understanding the distribution of respondents across year levels is essential, as it helps determine whether the collected data is representative of the overall student population. If necessary, future studies may consider strategies to increase participation from underrepresented groups, ensuring a more balanced perspective on student satisfaction across all academic levels.

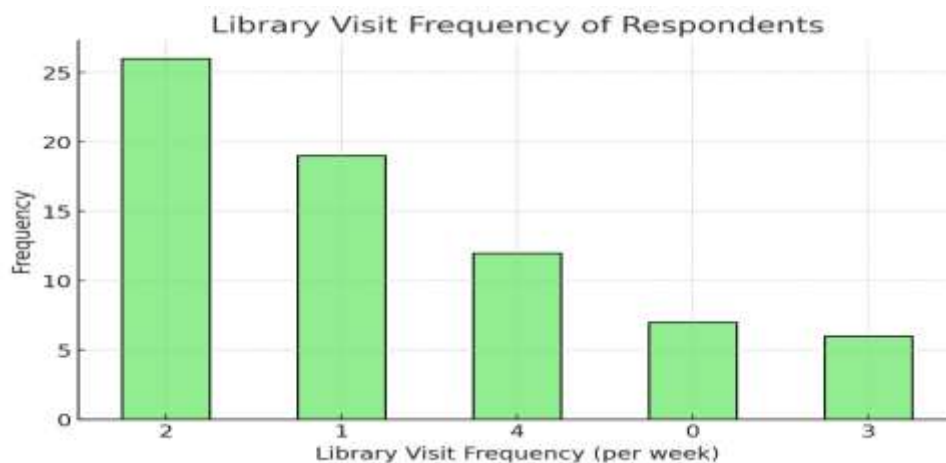


Figure 2. Frequency of Library Visits

Satisfaction with Academic Resources (Libraries, Laboratories, and Classroom Facilities)

The yellow line (Indep 1.1) in the ANOVA p-value plot represents student satisfaction with academic resources, including libraries, laboratories, and classroom facilities.

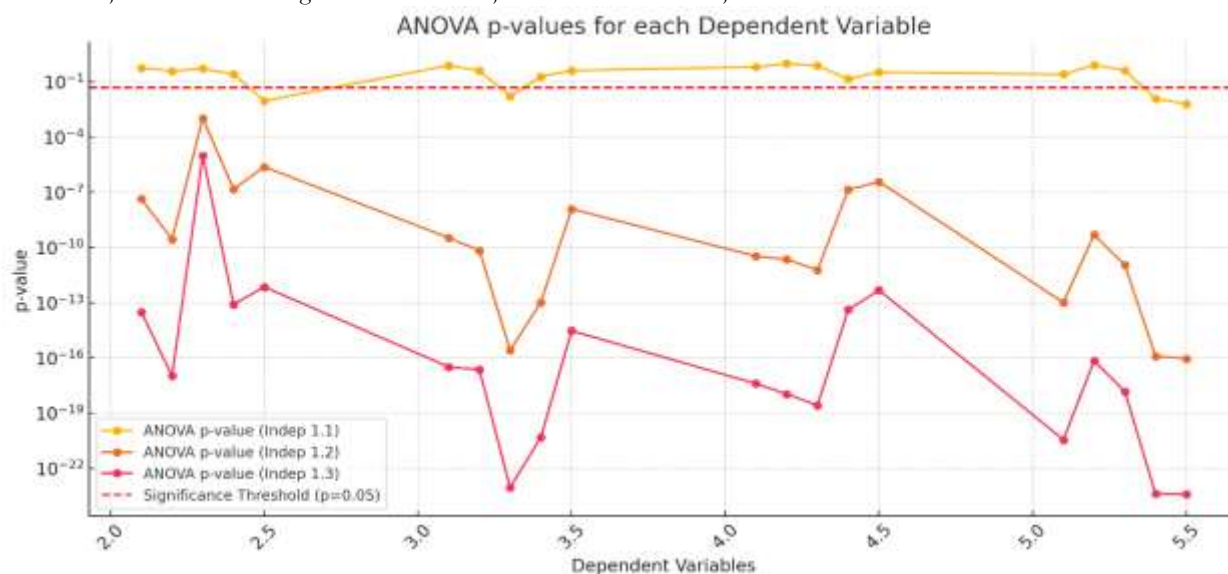


Figure 3. P-Values Results

This uniformity suggests that students generally perceive these facilities as adequate, with no major factors causing significant variations in their satisfaction.

This finding aligns with the study by Gray & DiLoreto (2016), which emphasized that while academic resources are essential, their direct impact on student satisfaction is often limited if students already perceive them as meeting basic expectations. Similarly, Manicio, et.al., (2023) found that academic facilities alone do not strongly predict student persistence or engagement unless they are linked to a broader institutional support system. However, a study by Fuertes, et.al. (2023) contradicts this conclusion, arguing that high-quality academic resources significantly enhance student engagement and learning outcomes, which in turn affect overall satisfaction.

Satisfaction with Institutional Support Services (Academic Advising, Counseling, and Administrative Processes)

The orange line (Indep 1.2) in the ANOVA plot represents satisfaction levels with institutional support services, such as academic advising, counseling, and administrative processes. Unlike academic resources, the p-values for institutional support services display notable variations, with some values dropping below the 0.05 significance threshold. This finding suggests that certain aspects of institutional support contribute differently to student satisfaction.

Yidana, et.al., 2023 support this finding, highlighting that students who receive personalized advising and efficient administrative support report significantly higher satisfaction levels. The variations observed in this study suggest that disparities in service quality may exist, similar to findings by Vu (2021), who found that inconsistent advising and support services contributed to differences in student satisfaction across academic institutions. However, a contrasting perspective by Johnson (2023) suggests that while support services are beneficial, they are secondary to academic and social integration in influencing overall satisfaction.

Factors Influencing High or Low Satisfaction Levels

The red line (Indep 1.3) represents external or personal factors that influence student satisfaction, such as socio-economic background, workload, faculty engagement, and campus environment. The p-values for this category are consistently low, predominantly below 10^{-7} , indicating strong statistical significance. This

finding suggests that external or personal factors have a substantial impact on student satisfaction, potentially outweighing institutional variables such as academic resources and administrative support.

This result is consistent with Bronfenbrenner's (1974) Ecological Systems Theory, which posits that a student's external environment—family background, financial stability, and commuting challenges—plays a critical role in shaping academic experiences. Similarly, Kakada (2019) found that financial and personal stressors were stronger predictors of student satisfaction than institutional support systems. However, a conflicting view from Maniriho (2024) suggests that while external factors influence satisfaction, well-structured institutional interventions can mitigate their negative effects, thereby reducing their overall impact.

Key Insights and Implications

The ANOVA analysis provide a deeper understanding of the factors influencing student satisfaction. The findings reveal three critical observations related to academic resources, institutional support services, and external influences.

First, academic resources do not significantly impact variations in student satisfaction, suggesting that institutional investments in infrastructure have successfully met students' expectations. This finding aligns with Barrett(2019), who emphasized that once a baseline level of resource adequacy is met, additional improvements may not necessarily enhance satisfaction. However, it contradicts Kisiang'ani(2024), who argued that superior academic facilities directly contribute to improved learning outcomes. This discrepancy suggests that while physical and instructional resources are essential, their impact on satisfaction may diminish once students perceive them as sufficient for their needs. Second, institutional support services show some variation in their influence on student satisfaction, indicating that while some students benefit from effective academic advising and administrative support, others encounter gaps in these services. This finding is consistent with Haverila (2021), who identified the quality of academic advising as a key determinant of student satisfaction in higher education. The variability in satisfaction suggests that institutions may need to enhance the consistency and accessibility of support services to ensure that all students receive the guidance and assistance they require. Third, external or personal factors strongly influence student satisfaction levels, underscoring the importance of addressing non-institutional challenges that affect students' academic experiences. This finding aligns with Bronfenbrenner's (1979) ecological systems theory, which posits that external environments, such as family, socio-economic conditions, and cultural influences, play a significant role in shaping students' educational experiences. However, this insight is partially challenged by Chaudhry et al. (2024), who argue that well-designed institutional support systems can mitigate the impact of external challenges. This suggests that while institutions may not have direct control over external factors, they can implement policies and support mechanisms that buffer students from adverse external influences.

Overall, these findings highlight the need for a balanced approach in improving student satisfaction. While maintaining adequate academic resources remains important, institutions should focus on enhancing support services and developing strategies to address external challenges. By doing so, educational institutions can create a more inclusive and supportive environment that promotes student well-being and academic success.

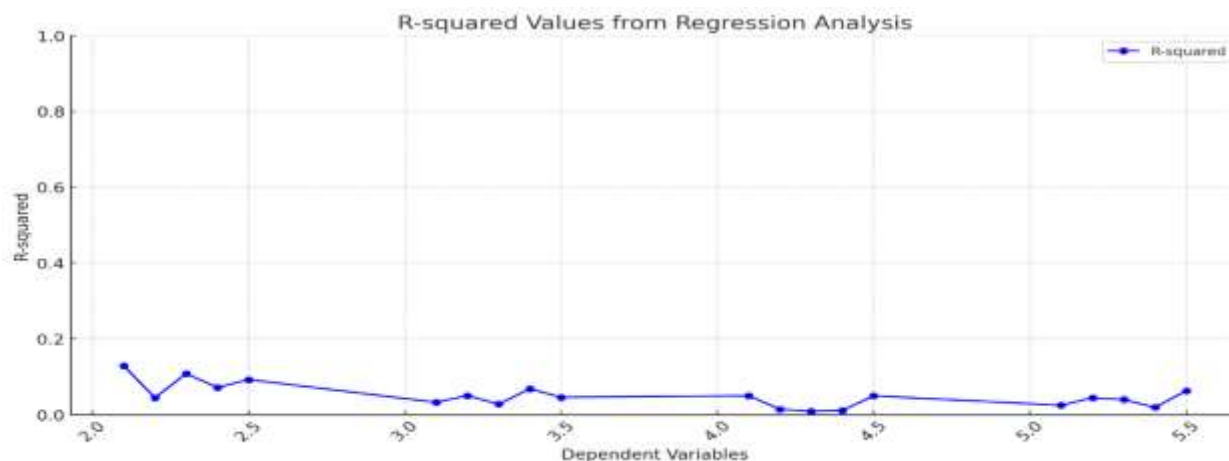


Figure 4 .Results of Regression Analysis

Interpretation of R-Squared Values from Regression Analysis

The R-squared values from the regression analysis further support these findings. R-squared represents the proportion of variance in student satisfaction explained by the independent variables. In this study, the R-squared values remain very low across all dependent variables, mostly below 0.1, indicating that academic resources, institutional support services, and external factors do not strongly predict overall satisfaction. This suggests that other unmeasured factors play a significant role in shaping student experiences, such as personal expectations, social relationships, extracurricular involvement, or faculty interaction.

Pascarella and Terenzini (2005), found out that student satisfaction is influenced by complex, interrelated factors beyond institutional provisions. However, this contradicts studies by Tinto (1993) and Astin (1999), who argued that well-designed institutional environments can have a strong predictive influence on student retention and satisfaction.

Implications for Institutional Policy and Future Research

Given the low explanatory power of academic resources and institutional support services in predicting satisfaction, universities should consider incorporating qualitative insights and additional independent variables into future research. Factors such as student engagement, mental well-being, and career preparedness may provide a more comprehensive understanding of student satisfaction. Additionally, the findings suggest that institutional improvements in facilities or services alone may not directly translate to higher satisfaction levels. Instead, universities should adopt a student-centered approach, focusing on holistic support systems that consider both institutional and external factors shaping student experiences.

Challenges Faced by Students in Accessing Academic Resources and Support Services

Students generally find the available academic resources beneficial for their studies. However, several challenges hinder their ability to fully utilize these resources effectively. One of the primary difficulties students encounter is the unavailability of required books in the library. The limited collection often makes it challenging for them to access necessary reference materials, compelling them to seek alternative sources, which may not always be reliable or readily accessible. Fagyan et al. (2023), insufficient library holdings significantly impact student learning outcomes, particularly for those who rely on printed resources. Similarly, Córdova, et al. (2023) found that students in resource-constrained academic institutions face challenges in accessing essential materials, leading to increased academic stress.

Another critical concern is the limited availability of the Guidance Counselor. Since the counselor also holds a teaching position, the time dedicated to providing counseling services is significantly constrained. This dual responsibility limits the efficiency of the guidance office in addressing students' academic and personal concerns, reducing the accessibility of essential support services. Cohen (2020) highlighted that understaffed counseling centers struggle to meet the increasing demand for student mental health and academic support,

ultimately affecting student well-being and retention. Furthermore, Ngeno(2022) emphasized that adequate counseling services positively contribute to academic success and student satisfaction.

Additionally, slow internet connectivity poses a significant challenge for students attempting to access online learning materials. The unreliable internet speed adds frustration, particularly when conducting research, accessing digital resources, or completing academic requirements that require online engagement. Akpen et al. (2024) found that poor internet connectivity is a significant barrier to e-learning adoption, leading to reduced academic performance and student dissatisfaction. Similarly, Gopika& Rekha (2023) reported that students from institutions with inadequate digital infrastructure experience heightened stress levels due to their reliance on online learning platforms.

To improve the overall learning experience, students suggest the establishment of an additional student center where they can comfortably engage in scholarly activities. A well-equipped facility dedicated to student learning and collaboration would create a more conducive academic environment. Moschitta (2023), supports this recommendation, arguing that student-centered spaces enhance engagement, motivation, and overall academic success. Furthermore, they emphasize the need for more classrooms integrated with advanced technology to enhance the quality of instruction. Studies by Haleem, et al., (2022) indicate that technology-enhanced classrooms foster interactive learning, improve knowledge retention, and increase student satisfaction. Addressing these challenges requires institutional efforts to expand library resources, enhance counseling services, improve internet infrastructure, and invest in modernized learning spaces. By responding to these needs, universities can create a more supportive academic environment that fosters student success and satisfaction (Maniriho, 2024) Ensuring that students have access to adequate learning materials, personalized academic support, and a technologically equipped educational environment will lead to improved academic performance and overall institutional effectiveness.

This study underscores the complexity of student satisfaction among Bachelor of Elementary Education (BEED) students, highlighting the significant roles of academic resources, institutional support services, and external factors in shaping their educational experiences. While academic resources such as libraries, laboratories, and classroom facilities were generally perceived as sufficient, they did not emerge as a strong determinant of overall satisfaction. This suggests that while maintaining quality resources remains important, other factors play a more influential role in shaping student perceptions. Institutional support services, including academic advising, counseling, and administrative processes, showed varying levels of effectiveness, with some students benefiting significantly while others faced accessibility challenges. This indicates a need for more consistent and structured support mechanisms to ensure that students across all academic levels receive the guidance and assistance necessary for their academic success.

Among all factors examined, external influences such as financial stability, family support, workload, and faculty engagement had the most substantial impact on student satisfaction. The presence of challenges such as limited library resources, slow internet connectivity, and insufficient dedicated counseling hours contributed to increased stress and difficulty in accessing essential learning materials. These findings emphasize the importance of addressing non-institutional factors that significantly shape student experiences. The low explanatory power of academic resources and institutional support services in predicting overall satisfaction suggests that a broader range of factors must be considered to fully understand what contributes to student well-being and engagement. This highlights the need for a student-centered approach that goes beyond infrastructure improvements and focuses on holistic academic and personal support systems.

Implications for Institutional Development

To enhance student satisfaction, institutions should consider a balanced approach that integrates improved academic resources, strengthened support services, and targeted interventions for external challenges. Expanding technology-integrated classrooms, increasing library collections, enhancing student counseling

services, and ensuring stable digital infrastructure will provide students with a more conducive learning environment. Additionally, initiatives that address financial constraints, promote mental health support, and create dedicated student spaces can significantly improve the overall academic experience. Moving forward, institutions must adopt a proactive strategy in understanding and responding to student needs, ensuring that future educators are not only equipped with knowledge and skills but also supported in their journey toward becoming effective professionals.

Recommendations

To enhance student satisfaction among Bachelor of Elementary Education (BEED) students, educational institutions should focus on strengthening academic resources, improving institutional support services, addressing external factors, and implementing a comprehensive monitoring system. First, academic resources and infrastructure should be upgraded by expanding and updating library collections to ensure essential books and reference materials are readily available. Improving internet connectivity on campus will facilitate better access to online learning resources, research materials, and digital tools. Additionally, upgrading classroom facilities with modern teaching technologies can enhance interactive learning experiences, while developing a centralized digital repository will allow students to conveniently access e-books, journals, and other educational materials.

Institutional support services should also be enhanced by allocating full-time guidance counselors, ensuring that students have access to academic advising, mental health support, and career counseling. Strengthening academic advising programs through faculty mentors or peer advisers will further support students' academic and professional development. Additionally, streamlining administrative processes related to enrollment, scholarships, and academic concerns can reduce delays and improve the overall student experience. Faculty and support staff should also receive additional training on student engagement strategies to foster a more supportive and responsive learning environment.

To address external and personal factors affecting student satisfaction, a holistic student satisfaction monitoring system institution should increase scholarship opportunities and financial aid programs to support students from economically disadvantaged backgrounds. Establishing student wellness programs, including stress management workshops and peer support groups, can help students cope with academic challenges. Furthermore, the development of a dedicated student center will provide a comfortable space for students to study, collaborate, and engage in extracurricular activities. Strengthening community and family engagement initiatives can also foster a sense of belonging and motivation among students.

Lastly, should be implemented to continuously assess and improve student experiences. Conducting regular student satisfaction surveys will help evaluate the effectiveness of academic resources, institutional support services, and external assistance programs. Establishing feedback mechanisms will allow students to voice their concerns regarding facilities, administrative services, and academic programs. Institutions should also utilize data-driven decision-making to implement targeted interventions based on student needs and emerging trends in higher education.

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