

Mapping Themes And Identifying Gaps In De La Salle Santiago Zobel School Research For A Comprehensive Agenda

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Abstract:

The establishment of the De La Salle Santiago Zobel School (DLSZ) Research Office has identified the pillars of the institution's research culture through its initiatives, underscoring the institutional research goals and anchors of the research priorities based on the DLSZ Strategic Plan Framework. As the research culture gradually develops, the growth of research engagement of personnel becomes evident leading to an increase in research outputs. The present study synthesizes 18 research outputs of administrators and faculty members from AY 2021-2022 until AY 2023-2024, at the height of research development required for a capacity-building workshop. Analysis of the studies were conducted in terms of key characteristics and research goals. The findings reveal alignment of the research goals with the DLSZ strategic goals of Academic Excellence, Operational Excellence, and Impact to Society, with a few studies addressing multiple goals. Several common themes associated with the strategic goals emerged, including enhancement of academic outcomes, technology integration in teaching and learning, leadership and professional development for students and educators, and post-pandemic educational adaptations. However, the present study identified the need to explore longitudinal studies, holistic factors integration, and ethical implications in the use of technology, which through prioritization can strengthen the research agenda.

Keywords: DLSZ Research Outputs, Descriptive Review, Research Anchors and Pillars, Thematic Research Mapping, Technology Integration in Education, Identifying Research Gaps, Research Agenda

1) Introduction:

Research has been an important feature of any academic institution, even a basic education such as De La Salle Santiago Zobel (DLSZ). It plays a vital role in improving educational practices, informing the curriculum development, implementation of evidence-based practices, and adapting to the changing educational environment particularly in technology integration [1]. The DLSZ Lasallian partners' engagement in research has gradually grown over the years since the implementation of a capacity-building workshop designed to enhance the research capabilities of the teachers called Sustaining Teacher-leadership and Academic-vitality through Research (STAR) program [2]. This is a testimony to the community's recognition of research as an essential component for improving educational practices, leading to greater engagement, productivity, and contributions in the Lasallian Partners research endeavors. These research outputs are influenced by the interests and priorities of the investigators deemed relevant for the school and their graduate studies while topics are anchored on the research pillars of the institution as stated in the DLSZ Research Manual (2023), prioritizing research goals that DLSZ wanted to achieve. With the increase in the number of research outputs by Lasallian Partners, it is opportune to conduct literature mapping at present to have an overview of the existing evidence in DLSZ research.

The descriptive review with its "overarching goal of identifying interpretable patterns and gaps in the literature with respect to pre-existing propositions, theories, methodologies or findings" [3], is considered as the most fitting typology of literature review to address the research questions of this study. The aim of this review is to map the existing literature on DLSZ research outputs for a comprehensive understanding of the literature landscape and the quality of research outputs produced by the Lasallian Partners. It is believed that this review can help pinpoint research gaps and provide insights toward a comprehensive research agenda.

Ultimately, it is aimed that through this review the research outputs will be better disseminated and utilized to inform educational practices and policies, enhance the research agenda and shape the research

activities of the school towards the full realization of a sustainable research culture. These are the very reasons why conducting a review is timely and relevant not only for the benefit of the Research Office but the institution on the whole.

1.1 Anchors of DLSZ Research

Research holds an important role in the realization of the mission of the school. According to the DLSZ Report on the De La Salle Philippines (DLSP) Project 2022, it specifically highlights the generation of new knowledge as fundamental to the purpose of the institutions. It is one among the three key areas that should be considered in the reflections of the role of research in the mission. The DLSZ Report on the DLSP Project (2022) section on towards a research and innovation roadmap states that “The global, regional, and national pictures provide ample context for the analysis of the future role of Lasallian schools in the country’s emerging innovation ecosystem. After 110 years of Lasallian presence in the country, the original mission of forming and educating young people has been extended to encompass new dimensions – i.e., knowledge generation through research and knowledge transfer through innovation” (p. 122). As discussed in the DLSZ Report on the DLSP Project (2022), it outlines the roles of research and innovation in the different member institutions as generation of knowledge, innovation and knowledge transfer, research-oriented education, research-informed education, and research-informed operations. Although research is not explicitly stated in the DLSZ vision-mission statement, the DLSZ Strategic Goals of Educational Excellence, Operational Excellence and Impact to Society, also known as the Strategic Intents of the DLSZ since school year 2008 have implied the significance of research in the achievement of these goals. The intentions are based on the framework of the school’s vision-mission and Lasallian Values of Faith, Service and Communion. These goals are the same objectives adopted by the Research Office to set its research priorities with AVATARS as the sub-areas. A few aspects of the DLSP Project 2022 set vision are captured by the AVATARS as stated in the DLSZ Strategic Plan AY 2022-2025 (2022).

For every strategic goal, a set of sub-goals is identified to provide clear steps for achieving the broader objective.

1. Goal 1: Educational Excellence
 - Achievement in Academics, Arts and Sports
 - Values and Leadership Formation for All Stakeholders
 - Technology to Advance a Culture of Excellence
2. Goal 2: Operational Excellence
 - Availability of Efficient Services
3. Goal 3: Impact to Society
 - Accessibility to Lasallian Education
 - Relationship Building
 - Service to Society and the Environment

These strategic goals are considered the anchors that direct the research agenda of the school. It is worth mentioning that the UN Sustainable Development Goals serve as the anchors of the newly set research priorities with Quality Education as the most targeted among the goals in an educational setting.

1.2 DLSZ Research Pillars

The vision of the Research Office for the school is inspired by the concept “community of practice” by Wenger-Trayner in 2015. It is defined as “Communities of practice are groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly” (para. 4). In the educational context specifically in building a research culture, this concept promotes not only collaboration and partnerships among groups of people sharing a common goal or passion for learning and discoveries, but also to enhance knowledge sharing and create a supportive research environment. By harnessing the collective knowledge, skills, and experiences of its community members, this practice can greatly contribute to the advancement of research practices and outcomes [4].

As stated in the Guiding Principles of the Philippine Lasallian Family (2007), DLSZ is a dynamic school that subscribes to technology and innovation, promotes holistic development of the students, and advocates for social transformation. Its educational philosophy has influenced the research pillars of the institution. The alignment of these to research anchors of the school's mission-vision, strategic goals and

the UN's sustainable development goals narrows the foundational pillars of the institution to collaboration and partnership, technology integration, innovative teaching and learning, ethics, community engagement, student well-being, and curriculum design.

A descriptive review is conducted to unveil the current state of research outputs at DLSZ, underscoring trends and gaps in relation to theories or findings [4]. This review aims to summarize research outputs, identify gaps in the existing literature and draw up priority areas for future research initiatives. Additionally, the focus of this review is to inform practice and educational policy by shaping the research agenda as well as increasing the visibility of research findings. It is also believed that greater awareness of the research findings, may in one way or another affect the response of the Lasallian community to the initiatives of the DLSZ Research Office. The following research questions were formulated: 1) What are the key themes of research outputs at DLSZ? 2) What are the findings from the review of DLSZ research outputs that can contribute to the enhancement of the research agenda? 3) What gaps exist in the current literature on DLSZ research outputs that can be further explored in the future in relation to the current research goals?

This descriptive review involves a thematic exploration that resembles mapping, to uncover the various themes and trends in the DLSZ research outputs. The deeper exploration of the key themes will therefore provide insights to the research gaps and future research directions of the institution.

2) Methods and Methodology:

This paper employed a descriptive review to compile and present research to come up with patterns and trends. Identifying themes and gaps with respect to set criteria are the main goals of this research [4]. The search strategy applied is identifying a representative number of works on DLSZ research. The selection strategy is not comprehensive since the accessibility of full-text papers to the author is considered. Studies included are either submitted to the Research Office and Human Resource Management and Organizational Development (HRMOD) from AY 2021-2022 until AY 2023-2024.

A 3-year timeline was set for this review. Several papers published in AY 2021-2022 were recognized through the Cash Incentive for Publication program of the HRMOD and the Research Commons now the Research Office made it to the final list of papers. The year 2021 is significant as this was the time when a collection of research outputs was produced from the offering of a research capacity building workshop starting 2018. It is safe to assume that by AY 2021-2022, more research papers are submitted, presented and published. To identify relevant documents the lists of Lasallian Partners who availed of HRMOD's program for paper presentation to external conferences and submissions to Cash Incentive for Research Publication program were used as basis in the final lists of papers for inclusion.

The scope of research topics covers a wide range, including professional program development, use of digital technology, and classroom instruction. Both published and unpublished works are included, provided that papers have been presented at conferences or research forums. Only full papers accessible to the reviewer are considered for inclusion in this review.

The author and reviewer of the documents conducted activities to map out the themes and identify gaps in DLSZ research. This involves organizing and comparing the extracted information that reflects the overall findings of the review. The author and reviewer made use of Google Worksheets to sort and organize data manually. The data were abstracted based on article topics or research characteristics such as authors, research goals, purpose, methodologies, and findings. As a final step, data analysis and synthesis are performed from the included studies according to their aims and findings in relation to the research goals. The DLSZ strategic goals under the strategic plan framework as described in the DLSZ Strategic Plan AY 2022-2025 (2022) are the anchors of the school's research agenda. These are Educational Excellence, Operational Excellence and Impact to Society, with sub-themes for every goal known as AVATARS, as stated in the mission vision of the school and described in the Introduction section of this paper.

3] RESULTS:

A total of eighteen (18) original research papers were synthesized for this review. All are full-text articles or published and unpublished manuscripts. The studies included in this review are presented and described according to the following characteristics: information about the authors, year of publication, title, research goals/AVATARS, study population and sample size, methodology, and key findings. This can be found in the miscellaneous section. All the DLSZ papers included for this review from AY 2021-2022 until AY 2023-2024 are grounded on the DLSZ Strategic Goals. The results revealed two main DLSZ goals which are Educational Excellence and Impact to Society as the most popular with 61% and 22% respectively. The strategic goal with the least number of studies is Operational Excellence with 16%. It is important to note that studies focusing on the goals of Impact to Society and Operational Excellence also contribute to the goal of Educational Excellence. Table 1 shows the various sub-themes arranged according to AVATARS. The sub-themes related to Educational Excellence, such as Achievement in Academics and Sports, Technology to Advance a Culture of Excellence, and Values and Leadership Formation of Stakeholders, are the most common. These sub-themes are represented by 5-6 checkmarks, indicating their frequency of occurrence.

Table 1. Overview of AVATARS Sub-themes of the DLSZ Research Outputs

Authors	Achievement in Academics and Sports for Educational Excellence (A)	Values and Leadership and Formation of Stakeholders (V)	Availability of Efficient Services (A)	Technology to Advance a Culture of Excellence (T)	Accessibility to Lasallian Education (A)	Relationship Building (R)	Service to Society and Environment (S)
Fadare et al., (2023)	√						
Pillar et al., (2024)	√			√			
Ferrer, G.R. and Elipane, L. E. (2024)				√			
Iniwan, S. (2023)				√			
Authors	Achievement in Academics and Sports for Educational Excellence (A)	Values and Leadership and Formation of Stakeholders (V)	Availability of Efficient Services (A)	Technology to Advance a Culture of Excellence (T)	Accessibility to Lasallian Education (A)	Relationship Building (R)	Service to Society and Environment (S)

Ambong, J. C. N. and Gamboa, G.B.			√	
Diño, G.C. & Diola, J.O. (2024)			√	
Afurong, R. (2024)			√	
Baylon, E.C.	√			
Ramos et al., (2021)	√	√		
Torrato et al., (2021)	√			
Torrato et al., (2023)	√			
Fadare et al., (2023)	√			
Pulumbarit, S. S. (2022)	√	√	√	
Perez, E. S. (2023)		√	√	
Guavis, J. M. and Zaballero, A. (2023)	√			√
Anglo- Ojeda, A., Flores, A., Recto A, (2022)	√			√
Nueva, Mary Grace C.	√			√
Morada, M. M. (2021)		√		√

Note: AVT is for Educational Excellence; A is for Operational Excellence; ARS is for Impact to Society.

Values and Leadership and Formation of Stakeholders have the highest number of papers at 44% followed by Technological Advancement Goals with 33%. It is worth mentioning that there are 4 research papers (refer to the last 4 papers in Table 1) that use an interdisciplinary approach that encompasses both academics and social factors which addresses the Impact to Society and Educational Excellence goals.

The various topics of the papers with the assigned themes for recurring concepts are shown on Figure 1 (a). These topics are about developing the robotics curriculum [5] and revitalizing the sports activities program [6] with an identified theme on curriculum and program design development. Next, is about student activities in the better normal [7], utilization of library resources post-pandemic [8], student compliance [9], and employee engagement [10] with a theme of post-pandemic educational adaptations. Another main topic is the exploration of holistic factors in relation to academic achievement [11], and college preparedness [12] for the enhancement of academic outcomes theme, and a groundbreaking research topic on cancer [13] that can be categorized under health science innovations.

The majority of the topics are technology driven which forms the technology integration theme, educational technology comes first with 22% of research focusing on topics specifically about the role of digital tools such as virtual reality in student engagement on library instruction [14], as an assessment tool in Math [15], in improving learning outcomes as an aid for technical and creative writing [16], and its impact in the authenticity of students outputs [17]. Followed by the leadership theme constituting 16% of the papers, particularly on examining decision-making skills [18], creation of a leadership framework for professional development [19], and leadership perceptions [20]. The third most popular topic at almost 11% was leadership and technology specifically about impacts on leadership and teacher agency of technology-based development programs for employees [21] and enhancing teacher leadership and academic vitality through a structured webinar program [2]. These topics fall under the leadership and professional development theme for students and educators. Contradictions or gaps in the literature are noted based on the findings and themes, these are identified in the discussion section of this paper.

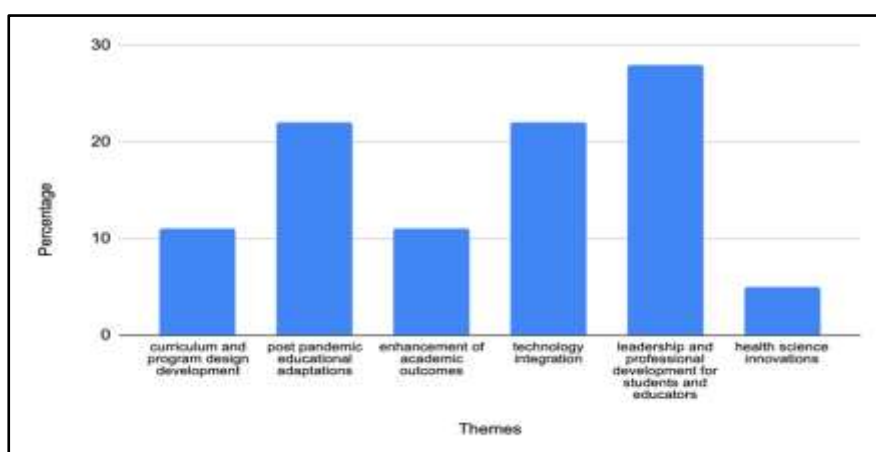


Figure 1(a) Themes of the DLSZ Research Output from AY 2122 to AY2324

The methodologies applied for the studies considered for review are diverse utilizing quantitative, qualitative, and mixed-methods designs. It is the mixed-methods design that has the highest number of studies at 50%. See Figure 1 (b) for the summary of information on the research design. There are 5% more quantitative design studies than research that utilize the qualitative approach at 27% and 22% respectively.

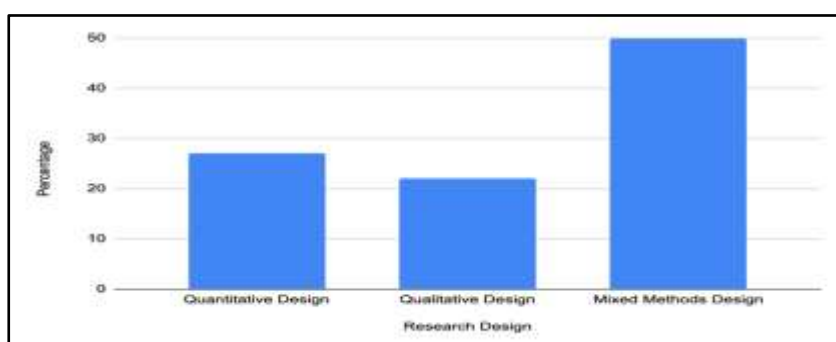


Figure 1(b) Overview of the Research Design of the DLSZ Research Output

The details of all the studies considered for descriptive review are shown in Figure 1 (c) wherein respondents who participated in most of the studies are the stakeholders. DLSZ Students are the highest number of participants with 39%, followed by DLSZ Employees at 22% of the scope while 11% for the least number with DLSZ Students, Teachers, and Parents as participants.

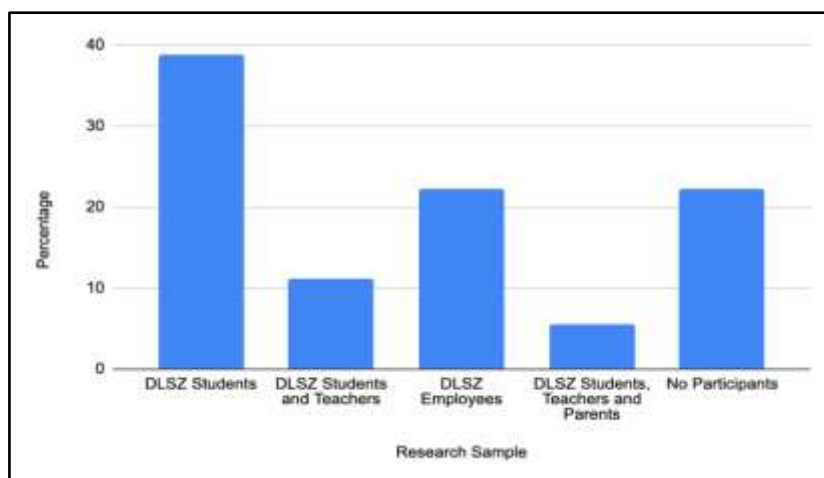


Figure 1(c) Overview of the Research Sample Employed in DLSZ Research

4] DISCUSSION - Provide detailed interpretations and implications of the results.

In this review, eighteen (18) primary research outputs of Lasallian Partners were identified from Academic Year 2021-2022 up to 2023-2024. Both published and unpublished research were included in the roster. The findings indicate that research outputs are of high quality due to the diversity in the methodologies. Mixed-methods approach is frequently employed. Moreover, the stakeholders' participation is high, boosting the validity of findings and applicability to the stakeholders. Furthermore, studies are found to be relevant since they address current issues in education and the priorities of the school, particularly in Educational Excellence, Operational Excellence, and Impact to Society. The themes that emerged from the synthesis denote areas that the school prioritizes for development and improvement, these are 1) curriculum and program design development, 2) enhancement of academic outcomes, 3) technology integration in teaching and learning, 4) leadership and professional development for students and educators, 5) post-pandemic educational adaptations, and 6) health science innovations.

Operational Excellence on the other hand is a research goal that needs to be further explored and is considered a research gap. The school through the Research Office should encourage as part of the research agenda, for longitudinal studies or impact studies to be pursued to assess the effectiveness of the different programs proposed by the studies as well as to determine the impact of the research conducted to the school. Further, there is a need for more studies that apply sophisticated statistical analysis and bigger sample size. Several of the studies have selected stakeholders as participants while some research can benefit from more advanced statistics to provide the depth of analysis needed to fully understand complex educational phenomena, since descriptive research may not fully provide an in-depth analysis [22]. Lastly, similar studies that are interdisciplinary in nature such as research outputs that meet both the Academic Excellence and Impact to Society goals can be continued or expanded. Moreover, a transdisciplinary approach to research can be undertaken to gain knowledge on reducing educational inequalities or complex educational problems [23, 24] since this is a thrust for students' research. It goes further by involving samples beyond the school community, including stakeholders from partner communities actively engaged in Lasallian activities toward a comprehensive understanding of complex educational issues. The included studies support the research goals and school priorities in terms of mission and vision and the review has provided the direction for the research agenda in shaping future research endeavors of the Lasallian Partners.

The papers included in this review are full papers that the reviewer has access to. The inclusion of more full papers can enhance the validity of this review and the conclusiveness of the findings. However, given

the consideration of the timeline and to make the review more feasible, the eighteen (18) papers have somehow captured the trends and landscape of the research studies conducted in DLSZ.

5] CONCLUSION

The findings from the review provide a clear picture of the literature landscape and the quality of research outputs in DLSZ from AY 2021-2022 until AY 2023-2024. The review presents the key information on the Lasallian Partners research outputs that through synthesis have generated insights relevant to the purpose of this study which is identifying themes, and gaps, and shaping research agenda. The findings on research gaps can suggest future research and practice towards a comprehensive agenda that includes promotion of interdisciplinary and transdisciplinary collaborations or integration of holistic factors, bridging the gap between Academic Excellence and Impact to Society hence fostering a more inclusive educational environment. Next is employing innovative approaches to enhance the quality of research produced (i.e. using larger sample size or sophisticated statistical analysis). Further, development of longitudinal studies and determination of the impact of the research can enhance the effectiveness of various programs including ethical implications of technology integration to ultimately inform about the applicability of the research findings. Finally, increased involvement of non-faculty personnel by motivating them to conduct Operational Excellence goal-related research thus, tailor-fitting research initiatives or activities of the DLSZ Research Office is a direction to be taken. Through the application of the review recommendations of Lasallian Partners' research outputs and addressing the gaps found in this review, DLSZ can strategically shape its research priorities and activities, fostering a sustainable research culture that aligns with the strategic goals and research pillars of the school.

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9] Conflict of interest The author declares that there is **no conflict of interest**.

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11] MISCELLANEOUS:

Appendix A. Overview of the DLSZ Research Outputs AY 2021-2022 to AY 2023-2024

Authors and Year of Publication	Title	Research Goals	AVATAR S	Aims/Purpose	Study population and sample size	Methodology/methods:	Key Findings
Fadare, S. A., Bautista-Apolinario, C., Beterbo, J. L., Abantas, S. T., and Adriano, C. P. (2023)	Today's Challenge: The Opportunity for Enhancing Sports Activities Resurgence and Tenacity	Educational Excellence	Achievement in Academics, Arts and Sports	The paper aims to explore the challenges faced by sports activities and how these challenges can be transformed into opportunities for revitalization and renewed		Literature review	Highlighted the importance of resilience and community involvement in revitalizing sports activities. Resurgence of sports activities can be attributed to investing in sports-related research,

				tenacity within the realm of sports.			enhancing training methodologies, and fostering a culture of engagement.
Pillar, G.A., Patiño, D.C.R., Aguja, S.E., Prudente, M.S.(2024)	Empowering the Future: Developing a Comprehensive Robotics Curriculum for the Next Generation of Innovators	Educational Excellence	Achievement in Academics, Arts and Sports and Technology to Advance a Culture of Excellence	The study aimed to develop a comprehensive robotics curriculum to empower the next generation of innovators by addressing the educational potential of robotics in schools.	1,930 students, 10 teachers, 20 administrators, 30 parents	Collaborative action research (quantitative & qualitative)	Teachers played a crucial role in setting learning goals and implementing the curriculum. Highlighted varying perceptions of ease and difficulty in learning robotics tasks among different grade levels indicating an increasing complexity in learning robotics as students progress through grades.
Authors and Year of Publication	Title	Research Goals	AVATARS	Aims/Purpose	Study population and sample size	Methodology/methods:	Key Findings
Ferrer, G.R., Elipane, L. E. (2024)	Assessing the Effectiveness of Cerebry as an Online Instructional Tool in Enhancing Student Learning in Mathematics	Educational Excellence	Technology to Advance a Culture of Excellence	The study aims to assess the effectiveness of Cerebry as an online instructional tool in enhancing student learning in Mathematics, focusing on	17 Math teachers, 1,402 students (survey), and 42 students (FGD)	Mixed methods (surveys, focus groups)	Five central themes emerged: (1) User Experience and Practicality, (2) Comprehensive Learning Support, (3) Usage Patterns and Academic Outcomes, (4)

				its impact on user experience, learning support, usage patterns, adaptability within curriculum frameworks, and areas for enhancement.			Adaptability within Curriculum Frameworks, and (5) Areas for Enhancement. Cerebry is a valuable tool for learning mathematics and is adaptable within various curriculum frameworks, improvements in user experience and instructional design are needed to enhance its effectiveness
Iniwan, S. (2023)	Academics intensified (A.I.): Safeguarding the authenticity of student outputs through streamlined pedagogical modifications	Educational Excellence	Technology to Advance a Culture of Excellence	The study aims to explore the challenges and opportunities presented by digital tools in enhancing student outputs while safeguarding academic integrity and understanding the different taxonomies of academic dishonesty.	81 Grade 8 students from BrafenHS, with 7 students participating in FGD	Mixed methods - questionnaire and FGD	Students have some awareness on forms of academic dishonesty. Clarification of the academic integrity concept is needed to prevent academic dishonesty. Both the teachers and the students agreed that digital tools can enhance written outputs but raises questions on its authenticity. Balance between the

							traditional and digital learning methods can ensure authentic learning experiences.
Ambong, J. C. N. & Gamboa, G.B.	Artificial Intelligence-Based Educational Tools for Creative and Technical Writing: Teachers' and Students' Knowledge, Attitudes, and Trust	Educational Excellence	Technology to Advance a Culture of Excellence	This study aims to investigate the knowledge, attitudes, and trust of teachers and students toward AI-based educational tools for creative and technical writing.	72 participants, consisting of 48 students and 24 teachers from the SHS of DLSZ-Vermosa	Quantitative research design	The need for a balanced and thoughtful approach on AI integration in education. Ethical concerns and benefits are expressed by students and teachers. Students concerns focus on usability, accessibility, data privacy and security while teachers concerns are about ethics and integration in teaching. Trust in AI is lower than human experts and peers.
Authors and Year of Publication	Title	Research Goals	AVATARS	Aims/Purpose	Study population and sample size	Methodology/methods:	Key Findings
Diño, G.C. and Diola, J.O. (2024)	Virtual Reality Integration in Library Instruction: Unveiling the Impact on Student Engagement	Educational Excellence	Technology to Advance a Culture of Excellence	This study aims to unveil insights related to the effectiveness of VR on Gr. 5 students' learning engagement,	73 Grade 5 students from DLSZ	Mixed methods (pre/post surveys)with open-ended questions	There is a significant improvement in overall students' engagement scores after the integration of VR technology compared to

				experience, and interest in library instruction			the traditional approach. Students reported preference for VR approach due to increased engagement, interest and overall better experience.
Afurong, R. (2024)	DLSZ LRC E-Resources: Enhancing Utility and Addressing Difficulties in the Post-Pandemic Era	Educational Excellence	Technology to Advance a Culture of Excellence	This study aimed to explore the e-resources landscape in the post-pandemic era, focusing on the knowledge, usage frequency, and difficulties encountered by SHS students at BRafeNHS and enhance utilization of e-resources.	92 BRafeNHS SHS students for the Academic Year 2023-2024	Quantitative research (survey method)	Significant relationships between students' knowledge levels and usage frequency indicating that increased knowledge led to more frequent use of e-resources. High to very high student knowledge of e-resources except for Pressreader and higher usage frequency for EBSCOhost and Proquest. Support is needed to address the challenges encountered effectively which could help increase usage.
Baylon, E.C.	Rationalizing a Technology-based Professional	Educational Excellence	Values and Leadership Formation	The study aims to explain the significant role of		Descriptive case study approach and literature review.	A well-structured technology-based professional

	Development program as a methods to strengthen and promote Teacher Agency in the Basic Education in Manila, Philippines		to all Stakeholder	professional development programs in strengthening teacher agency in a basic education setting, using the Rational Choice Theory as a theoretical framework.			development program can enhance teacher agency, promote social transformation, and improve faculty performance. The importance of teacher agency in fostering a collaborative and effective educational environment is emphasized.
Ramos, R. B., Bersamin, A. K., Prudente, M.S., Aguja, S.E. (2021)	Creating a School Leadership Competency Framework: Setting the Standards for Exemplary Performance	Educational Excellence and Operational Excellence	Values and Leadership Formation to all Stakeholder and Availability of Efficient Services	The study aimed to validate the leadership domains and behavioral statements essential for exemplary performance and to create a school Leadership Competency Framework for effective selection, development, evaluation, and promotion of leaders.	78 school administrators from DLSZ, with 28 males (36%) and 50 females (64%).	Mixed-method Descriptive approach	All behavioral statements were perceived as important and relevant for exemplary leadership. School leadership competency framework is identified. The leadership domains and behavioral statements were content validated and factors were analyzed.
Authors and Year of Publication	Title	Research Goals	AVATARS	Aims/Purpose	Study population and sample size	Methodology/methods:	Key Findings
Torrato, J. B., Aguja, S. E., and Prudente	Using Web Video Conferencing to Conduct a Program as a	Educational Excellence	Values and Leadership Formation to all	The study aimed to improve research writing skills among	33 faculty and administrators from a private basic	Convergent mixed-method design	Program was effective in enhancing Teacher Leadership and

, M. S. (2021)	Proposed Model toward Teacher Leadership and Academic Vitality in the Philippines		Stakeholder	participants and enhance teacher leadership and academic vitality through a structured webinar program.	education school in the Philippines		Academic Vitality. It enhanced perceptions and understanding of action research processes of the participants. Themes revealed are related to self-reflection, continuous improvement, motivation and engagement, and the challenges of conducting action research. Positive impact of the STAR program is underscored.
Torrato, J. B., Aguja, S. E, and Prudente, M. S. and Ramos, R.P. (2023)	Teachers' Perceptions on Instructional Leadership: Drawing Implications for Professional Development Program for Instructional Leaders	Educational Excellence	Values and Leadership Formation to all Stakeholder	The study aims to gather teachers' perceptions on instructional leadership and draw implications for professional development programs for instructional leaders	104 faculty members from a private school in the Philippines	Descriptive quantitative research approach	Teachers have positive perceptions of instructional leaders, particularly regarding their effective use of resources, communication, and visibility. Teachers ratings suggest observance of these qualities in their instructional leaders. The study recommends providing training

							opportunities for instructional leaders to enhance their skills and improve the quality of instruction.
Fadare, S. A., Torres, J. D., Rodriguez, R. M., Sacopla, K. N., Chavez, E. M. (2023)	Unmasked Coach: Mastering Decision-Making Skills	Educational Excellence	Values and Leadership Formation to all Stakeholder	The purpose of the article is to refine decision-making skills through a structured and holistic approach, emphasizing introspection, self-awareness, and understanding one's values and goals.		Literature review	Effective decision making begins with introspection and considers one's values and goals. The "Unmasked Coach" concept looks at immediate and long term implications of client's relationships and well-being. Ethical principles guide the informed coaching decisions, prioritizing the well-being and autonomy of clients. The guide aims for readers to remove their biases, use evidence-based thinking, and consider all aspects when making decisions..
Authors and Year of	Title	Research Goals	AVATARS	Aims/Purpose	Study population	Methodology/methods:	Key Findings

Publication					and sample size		
Pulumbait, S. S. (2022)	Case Study of De La Salle Santiago Zobel Grade 12 Students College Application during COVID-19 Pandemic	Educational Excellence and Operational Excellence	Achievement in Academics, Arts and Sports, Values and Leadership Formation for All Stakeholders and Availability of Efficient Services	To explore what college preparedness means to De La Salle Santiago Zobel (DLSZ) Grade 12 students and to create a framework or a model to the career program of the school counseling office college application assistance with the students.	12 students from different strands of the SHS sampled purposively	Mixed-methods design	Five categories emerged: (1) Academic Skills, (2) Goal-Setting, (3) New Beginnings, (4) Self-Efficacy, and (5) Self-Care. It highlighted that while academic skills are valuable in effective college preparation, majority of qualities necessary for college preparedness such as self-efficacy, self-care, goal setting, and new beginnings are personal and holistic. It also requires the development of personal attributes and life skills.
Perez, E. S. (2023)	The Relationship of SEDS, Food Intake and Work Engagement among Telecommuting Employees of the Education Sector during the	Educational Excellence and Operational Excellence	Values and Leadership Formation for All Stakeholders, Technology to Advance a Culture of Excellence and	The purpose of the study is to understand the links between SEDS, food intake, and work engagement, and to present the perceptions of tele-	110 employees from SHS Department	Mixed-method approach	The study found that older-generation employees with higher income levels are more likely to exhibit higher work engagement. On the other hand, younger, low-income employees

	COVID-19 Pandemic: A Mixed Method Study		Availabilit y of Efficient Services	employees regarding these variables during the pandemic			often experience stress related to their job positions, which negatively impacts their work engagement and food choices. It suggests that work stress may predict food intake preferences and emphasizes the importance of aligning work responsibilities with employee expectations to enhance engagement
Guavis, J. M. and Zaballero , A. (2023)	Factors Affecting Student Compliance in Asynchrono us Classes of the Grade 11 Students.	Educatio nal Excellen ce and Impact to Society	Achievem ent in Academics , Arts and Sports and Accessibili ty to Lasallian Education	The study aimed to determine the factors affecting student compliance in asynchronou s classes among Grade 11 students, focusing on types of activities, student performance in compliance and non- compliance, and the extent to which various	86 Grade 11 students at DLSZ- Vermosa Campus AY2020- 2021 using purposive sampling	Mixed-method research design	Results revealed that Personal Constraints, Resource Constraints, and LMS/Instructi on constraints do not significantly affect the students' compliance in asynchronous classes. Moderate effect of the environment or physiological constraints to students' compliance in asynchronous classes.

				constraints affect submission			Continued utilization of short progress tests, submission flexibility, and regular giving of feedback are highly recommended.
Authors and Year of Publication	Title	Research Goals	AVATARS	Aims/Purpose	Study population and sample size	Methodology/methods:	Key Findings
Anglo-Ojeda, A., Flores, A., Recto A, (2022)	Comparative Evaluation of the Anti-Angiogenic Properties of Vitamin B Complex and Ascorbic Acid using Duck Embryo Chorioallantoic Membrane (CAM) Assay	Educational Excellence and Impact to Society	Achievement in Academics, Arts and Sports and Service to Society and the Environment.	This study aimed to evaluate the anti-angiogenic properties of Vitamin B complex and Ascorbic Acid using Duck Embryo Chorioallantoic Membrane (CAM) Assay focusing on their impact on blood vessel growth and identifying the most effective concentration	The study utilized duck embryos for the CAM assay,	Quantitative research design	The results indicated an increase in primary blood vessel growth in the treatment groups but the change is not significant, while there was a decrease in the growth of secondary blood vessels. This suggests that the vitamins may have different effects on various stages of blood vessel development during the incubation period.
Nueva, Mary Grace C.	Path Analysis between the Quality of Life and Academic Achievement of the Students in De La Salle	Educational Excellence and Impact to Society	Achievement in Academics, Arts and Sports and Relationship Building	The study aims to determine the association of students' quality of life with their academic performance	Selected Grade 9 students	Quantitative method and Path Analysis	The interactions, opportunities, and support system that the students received from schools are highly associated with

	Santiago Zobel School			, specifically focusing on how various domains of quality of life impact academic achievement.			their academic performance. Moreover, the results of path analysis suggest that physical, psychological, and social wellbeing, and parent relationship are significantly associated with the school experiences of the students. Interventions based on this study may help improve the learning experiences of the students.
Morada, M. M. (2021)	A Comparative Analysis of Grade 3 Students' Activities Before and During the COVID-19 Pandemic	Educational Excellence and Impact to Society	Values and Leadership Formation for All Stakeholders and Service to Society and Environment	The research aimed to analyze students' activities during free time before and during the COVID-19 pandemic, evaluate differences when certain environmental factors were restricted, and explore changes in students' perceptions of fun and creative activities.	The study involved Grade 3 students, with a sample size of 43 participants	Qualitative descriptive research, utilizing triangulation techniques for data collection	There is a significant difference in students' activities before and during the COVID-19 pandemic. Particularly in physical movement, crafts, and critical thinking activities. Students were likely to choose activities that involved different movements and activities that sparked their interest. The research may help gain new

							perspectives on fun and creative ways to improve activities for Grade 3 students, especially in this better normal.
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