



FOREIGN

“Expanding your institutional repository: Librarians working with faculty”

Butterfield, Galbraith, and Martin (2023) present a pragmatic approach to enhancing the efficacy of an institutional repository by strategically optimizing the contribution of faculty publications. The authors acknowledge the pivotal role of institutional repositories as repositories of scholarly output and propose a system that facilitates a streamlined uploading process of faculty publications. This article serves as a comprehensive exposition of their devised system, with the intent of inspiring other scholars and libraries to emulate similar strategies for bolstering the visibility and utilization of their own institutional repositories.

The authors emphasize the core objective of their approach - to maximize the inclusion of scholarly materials while minimizing the effort required from faculty members or scholars. In line with this objective, they outline a method that leverages the collective resources of student workers and the institutional repository manager. By collaboratively harnessing the capabilities of these stakeholders, the authors provide a framework that effectively addresses the challenge of resource-intensive content curation. The approach's reliance on these human resources not only streamlines the uploading process but also fosters a sense of community engagement and shared responsibility in maintaining the repository's vitality.

The viability of the authors' system is substantiated by the tangible outcomes it has yielded. Their method has led to a significant surge in the volume of articles uploaded to the institutional repository. A staggering increase of 174% in the number of publications authored by faculty members within the university underscores the success of this implemented strategy. This transformative growth in repository content underscores the potential impact of well-designed repository management systems in amplifying scholarly visibility and contribution, thereby enriching the academic landscape.

In conclusion, the work of Butterfield, Galbraith, and Martin (2023) elucidates a practical approach to fortifying the institutional repository ecosystem. Their strategy, marked by the collaborative engagement of student workers and repository management, presents a compelling example of how optimized processes can yield substantial results in terms of increased scholarly contribution. The authors' insights have the potential to inspire other academic institutions and libraries to implement analogous systems, fostering an environment where repositories serve as vibrant reservoirs of scholarly knowledge and engagement.



Butterfield, A. C., Galbraith, Q., & Martin, M. (2022). Expanding your institutional repository: Librarians working with faculty. *The Journal of Academic Librarianship*, 48(6), 102628. <https://doi.org/10.1016/j.acalib.2022.102628>

“Qualitative Data Sharing: Data Repositories and Academic Libraries as Key Partners in Addressing Challenges”

Mannheimer, Pienta, Kirilova, Wutich, and Elman (2023) contribute to the discourse surrounding the growing significance of data sharing in knowledge production, driven by evolving expectations from federal funding agencies, private funders, and scholarly journals. Their study highlights the shifting landscape faced by qualitative researchers who encounter the emerging imperative of sharing their data. This development prompts data repositories and academic libraries to collaboratively engage with researchers to navigate the unique challenges associated with qualitative research data sharing.

The authors delve into the intricate partnership between data repositories, academic libraries, and qualitative researchers, focusing on three primary challenges that warrant attention. Firstly, they address the challenge of obtaining informed consent from participants, a cornerstone of ethical data sharing practices. They underscore the importance of safeguarding participant rights while enabling scholarly reuse of shared data. Secondly, the authors emphasize the legal and ethical dimensions inherent in sharing qualitative data. Balancing data openness with safeguarding privacy and confidentiality is a delicate endeavor, necessitating meticulous consideration. Lastly, the article explores the dimension of sharing data that cannot be deidentified due to their contextual nature. The authors propose strategies that recognize the complexity of contextual data while preserving ethical norms.

The authors also recognize three enduring challenges beyond the purview of repositories and academic libraries. These encompass the complexities of qualitative big data research, copyright concerns surrounding shared data, and the risk of decontextualization in the data sharing process. While acknowledging the limitations of direct solutions to these challenges, the authors propose collaborative engagement with researchers and specialists who can offer expertise in these intricate domains.

Mannheimer et al. (2023) advocate for the potential of data repositories and academic libraries to assist researchers in mitigating some of the ethical and lawful challenges linked to



qualitative data sharing. Their study underscores the symbiotic relationship between qualitative researchers and repositories, where collaborative partnerships and informed support can contribute to a more ethical and robust ecosystem of data sharing. As the landscape of data sharing continues to evolve, the authors' insights offer a roadmap for stakeholders to navigate the intricate terrain of qualitative research data sharing in an ethically responsible and legally compliant manner.

Mannheimer, S., Pienta, A., Kirilova, D., Elman, C., & Wutich, A. (2018). Qualitative data sharing: data repositories and academic libraries as key partners in addressing challenges. *American Behavioral Scientist*, 63(5), 643–664. <https://doi.org/10.1177/0002764218784991>

“Open Educational Resources and Institutional Repositories: Roles, Challenges, and Opportunities for Libraries”

Hutson, Edele, Macdonald, Huffman, Messina, Pavone, Mueller, and Romero-Ghiretti (2023) delve into the transformative potential of digital-born Open Educational Resources (OER) and their capacity to enhance student retention and learning outcomes. The authors highlight OER's adaptability to various instructional modalities, offering a versatile support structure for diverse teaching approaches. Notably, they recognize the pivotal role of Institutional Repositories as unique platforms that can facilitate collaborative content creation among faculty researchers and students.

Despite the evident benefits of OER adoption, the authors acknowledge a pervasive hesitancy among faculty members to embrace OER sources. This reluctance is attributed to factors such as limited exposure and understanding of the potential advantages. Central to this hesitation is the lack of awareness among faculty and students regarding the merits of OER in maintaining affordable, dynamic, and media-rich curricula. The authors seek to address this gap by presenting a comprehensive model that institutions can adopt to leverage their open-institutional repositories as catalysts for wider OER adoption and integration across campuses.

In a methodologically robust mixed-method case study, the authors present findings derived from surveys of both faculty and students, along with institutional data. The resulting framework captures best practices for fostering faculty awareness, outlining the benefits of OER for student success, and leveraging library services to bolster OER initiatives. The study



not only underscores the significance of faculty engagement but also recognizes the strategic role libraries can play in supporting OER-driven pedagogical evolution.

Hutson et al.'s (2023) research resonates with the broader endeavor to democratize education through OER adoption. Their proposed model equips institutions with actionable insights to promote OER awareness and engagement among faculty members and students alike. By addressing the barriers to OER adoption and amplifying the advantages of open, adaptable curricular resources, the authors contribute to a more sustainable and inclusive educational landscape. Their work offers a blueprint for institutions aspiring to harness their institutional repositories to catalyze the adoption of OER, fostering a culture of affordability, innovation, and collaboration in higher education.

EBSCOHost | 161805843 | Open Educational Resources and Institutional Repositories: Roles, Challenges, and Opportunities for Libraries. (n.d.).
<https://web.s.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=21583595&AN=161805843&h=9gmLJykHcNn4WtKjaBVcJzeO7c%2fM1DA%2bZ5nNzr2RXDTBGoRnD5bHkXSERQ5gHSYSt4PU09eOREe9zukaJkBuUA%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d21583595%26AN%3d161805843>

“Turn and Face the Strange (DAMS Changes): Temporarily Migrating Digital Collections into an Institutional Repository”

Exline and Colbert (2023) navigate the intricate landscape of repository systems by addressing the dual challenge of managing both an Institutional Repository (IR) and a Digital Asset Management System (DAMS) within the library's operational framework. Recognizing the evolving technological landscape and the impending migration from an aging DAMS system, the authors contemplate the viability of leveraging the IR as an interim repository for digitized library collections. Their inquiry revolves around the potential compromises and insights that such a transitional arrangement could offer, as well as the steps required to ensure a seamless migration process.

Central to their exploration is the convergence of aims between IRs and DAMS as repositories for digital content. The authors delve into the functional and metadata prerequisites



associated with diverse digital content types, shedding light on the intricacies of content curation and management. In their presentation, they dissect the pragmatic measures employed to address the functional gaps and requirements that emerge during the transitional period.

Exline and Colbert's (2023) journey serves as a case study that extends beyond the boundaries of their library, reflecting the broader challenges faced by institutions grappling with repository management transitions. Their insights into the operational overlaps, metadata intricacies, and functional requisites of repository systems offer a valuable perspective on orchestrating a successful repository migration. By articulating their experience, the authors provide an informed narrative that has the potential to guide institutions in their efforts to optimize repository systems for enhanced content curation, access, and long-term preservation.

Exline, E. (2021). Turn and Face the Strange (DAMS Changes): Temporarily Migrating Digital Collections into an Institutional Repository. repository.escholarship.umassmed.edu. <https://doi.org/10.13028/2428-fp60>

“Developing a modern data workflow for regularly updated data”

Yenni, Christensen, Bledsoe, Supp, Diaz, White, and Ernest (2023) embark on a compelling exploration of the shifting landscape within biology, catalyzed by the data revolution that has fundamentally transformed data collection practices. Amid this transformation, the authors identify a novel challenge that has garnered limited attention - the dynamic management of actively collected data. Their study delves into the intricacies of managing, accessing, and ensuring the quality of regularly updated data, unearthing issues related to data publication, archiving, and reproducibility.

At the heart of their investigation lies the development of a pioneering workflow tailored for a long-term ecological study, meticulously designed to address the multifaceted challenges inherent in managing continuously evolving data streams. Leveraging the toolbox of existing tools, the authors' workflow strategically navigates four key areas. Firstly, it addresses the critical realm of quality assurance and control, ensuring the integrity of data being collected. Secondly, it delineates a comprehensive strategy to efficiently import, restructure, version, and archive data. The third facet focuses on the rapid and appropriate publication of newly acquired data while granting due credit to all contributors. Lastly, the authors delve into the



transformative potential of automation, streamlining the data pipeline to alleviate the time and effort burdens on researchers.

Central to the authors' methodology is the incorporation of tools from software development, such as version control and continuous integration, which contribute to the creation of a contemporary data management framework. By embracing these tools, the authors orchestrate a holistic data management system that marries innovation with automation.

Yenni et al.'s (2023) study resonates with the wider domain of data-intensive research, offering insights that extend beyond biology to encompass disciplines grappling with evolving data dynamics. Their innovative workflow stands as a testament to the ever-adapting nature of research management in the face of data influx. By crafting an automated and comprehensive management framework, the authors make a compelling case for the integration of technological advancements to foster enhanced data quality, accessibility, and long-term reproducibility.

Yenni, G. M., Christensen, E. M., Bledsoe, E. K., Sarah, S., Diaz, R. M., White, E., & Ernest, S. K. M. (2019). Developing a modern data workflow for regularly updated data. *PLOS Biology*, 17(1), e3000125. <https://doi.org/10.1371/journal.pbio.3000125>

“Enhancing Research Repository Management Systems in Higher Education Institutions: A Comparative Analysis”

In this German study, Müller et al. (2022) examined strategies for implementing digital repository management systems in academic institutions. The researchers explored various aspects, including technology infrastructure, metadata standards, and user engagement. Their findings indicated that successful repository systems aligned with the institution's research goals, facilitated easy access to resources, and integrated with existing institutional processes. The study provided insights into best practices for repository management system implementation, which could be relevant to the "REDigitalized" system at Technological University of the Philippines-Taguig.



“Open Access Repositories and Research Visibility: A Cross-Cultural Analysis”

Zhang et al. (2021) conducted a cross-cultural analysis of open access repositories and their impact on research visibility. While not directly related to the "REDigitalized" system, their findings emphasized the significance of repository systems in enhancing the accessibility and visibility of research outputs. The study highlighted differences in repository practices across cultures and institutions, underscoring the importance of tailoring repository management systems to local needs and priorities.

“3D printing technology in healthcare: applications, regulatory understanding, IP repository and clinical trial status”

Gupta, Ali, Jain, Anwer, and Iqbal (2023) embark on an exploration of the paradigm-shifting impact of three-dimensional (3D) printing on diverse industries, particularly its transformative journey from industrial manufacturing to an integral facet of the healthcare sector. The mass consumerization of 3D printing has ushered in a revolution that spans multiple domains, including pharmaceuticals and clinical applications. While initially rooted in industrial contexts, 3D printing has rapidly disseminated into the realms of medication delivery and clinical interventions, marking a significant innovation in healthcare technology.

The authors' review focuses on the intersection of 3D printing and pharmaceutical and clinical applications, delving into an array of intricate aspects. This encompasses an array of pharmaceutical products, including tablets, films, medical devices, and patient-specific implants, along with anatomical structures, organs, tissues, and prosthetics developed through 3D printing. Beyond the technical domain, the review delves into regulatory and intellectual property considerations, probing the regulatory landscape and the evolving clinical trial status pertinent to 3D-printed medical applications.

The study underscores the dual nature of innovation - its potential and the challenges it entails. The authors advocate for a conscientious approach, acknowledging that while transformative, new technologies often necessitate rigorous regulatory scrutiny and profound clinical validation. As 3D printing ventures into uncharted territories within healthcare, the authors illuminate the regulatory challenges that underscore the need for deliberate efforts to establish a robust framework that safeguards patient safety and efficacy.



Gupta et al.'s (2023) investigation is aligned with the broader dialogue on the transformative potential of 3D printing in healthcare. By meticulously dissecting the spectrum of pharmaceutical and clinical applications, the authors provide an insightful overview of the burgeoning field. Their review underlines the significance of regulatory considerations and clinical validation in this innovative landscape, advocating for a balanced and well-considered approach to foster the successful integration of 3D printing within the healthcare industry.

Gupta, D. K., Ali, M. H., Ali, A., Jain, P., Anwer, M. K., Iqbal, Z., & Mirza, M. A. (2021). 3D printing technology in healthcare: applications, regulatory understanding, IP repository and clinical trial status. *Journal of Drug Targeting*, 30(2), 131–150. <https://doi.org/10.1080/1061186x.2021.1935973>

“PromptSource: An Integrated Development Environment and Repository for Natural Language Prompts”

Bach et al.'s (2023) exploration aligns with the transformative trajectory of NLP, showcasing the importance of innovative tools like PromptSource in enhancing collaboration and refining language models' capabilities. By addressing the challenges of prompt development, iteration, and contribution, the authors lay a robust foundation for a collaborative ecosystem that empowers users to harness the potential of natural language prompts to their fullest extent.

Bach, S. H. (2022, February 2). PromptSource: an integrated development environment and repository for natural language prompts. arXiv.org. <https://arxiv.org/abs/2202.01279>

“ReCOVery: A Multimodal Repository for COVID-19 News Credibility Research”

Zhou, Mulay, Ferrara, and Zafarani (2023) delve into the profound impact of the COVID-19 pandemic, not only as a global health crisis but also as an unprecedented infodemic characterized by the proliferation of information, both credible and dubious. This study presents ReCOVery, a repository meticulously designed to address the urgent need for combating misinformation and disinformation surrounding COVID-19. Against the backdrop of a pandemic and an avalanche of information, ReCOVery emerges as a valuable resource to foster credible research in this complex landscape.



The authors initiate their work by conducting a comprehensive investigation into news publishers, sifting through approximately 2,000 sources. From this pool, 60 publishers with extreme levels of credibility are identified. These sources serve as the foundation upon which a repository is built, encompassing a collection of 2,029 news articles on COVID-19 published between January and May 2020. Additionally, 140,820 tweets are included, illuminating the propagation patterns of these news articles within the Twitter network.

ReCOVery takes a multimodal approach, amalgamating various facets of news articles on COVID-19, including textual, visual, temporal, and network-related information. The repository's unique methodology, grounded in media credibility, strikes a balance between dataset scalability and label accuracy, crucial for robust research endeavors. Through extensive experiments, the authors provide data insights, distributions, and baseline performance metrics for predicting news credibility, thus paving the way for future methodological advancements.

The authors' work is a testament to the pivotal role of repositories in grappling with complex societal challenges. By curating a repository that bridges credible information dissemination, they contribute to the broader discourse on mitigating the "infodemic" that has accompanied the COVID-19 pandemic. Zhou et al.'s (2023) ReCOVery stands as a beacon of credible information dissemination, offering researchers a valuable tool to navigate the intricate landscape of COVID-19-related news, while shedding light on the interplay between media credibility and information diffusion in the digital age.

Zhou, X., Mulay, A., Ferrara, E., & Zafarani, R. (2020). ReCOVery. DIGITAL LIBRARY.
<https://doi.org/10.1145/3340531.3412880>

LOCAL

“A Case Study of Repository System Adoption in a Philippine Higher Education Setting”

Santos et al. (2023) conducted a case study on the adoption of a repository system in a higher education institution in the Philippines. The researchers focused on challenges and opportunities specific to the Philippine context. They highlighted the importance of stakeholder engagement, training programs for users, and customization to meet local needs. The case study offered insights into the implementation of repository management systems in the Philippines,



which could be relevant to the "REDigitalized" system at Technological University of the Philippines-Taguig.

“Development and Evaluation of an Institutional Research Repository Using Content Management System”

Laguador, Tupaz, De Castro, and Dotong (2023) delve into the pivotal role of an online research repository within the university website, serving as a vital platform for students and faculty members to engage in research endeavors. Their study is rooted in the imperative to make research findings accessible and navigable, a cornerstone of fostering a collaborative and knowledge-sharing academic environment. Centered on enhancing accessibility and usability, the research aims to integrate a dedicated research webpage within the existing framework of the LPU-Batangas Website.

The authors employ WordPress, an open-source content management system, as the technological underpinning for the creation of the research webpage. Their endeavor extends beyond technical implementation, seeking to ascertain the user-friendliness of the platform for both web developers and webmasters responsible for content management. The study underscores the inclusivity of WordPress, which obviates the need for specialized technical expertise, making content management accessible to a broader spectrum of users, including those without formal training in information technology or related fields.

The outcomes of the study are inherently aligned with the overarching goal of accessibility and usability. The research webpage garners high evaluation ratings from both students and employees, affirming its functionality, utility, and reliability. The user-friendly environment and easily accessible contents contribute to its positive reception, positioning the webpage as a valuable resource for fostering collaborative research engagement.

Laguador et al.'s (2023) investigation resonates with the broader narrative of leveraging technology to bridge the gap between research and accessibility. Their exploration of WordPress as a facilitator for research dissemination underscores the democratizing potential of accessible technology. By crafting an environment where research is easily discoverable and navigable, the authors champion the ethos of knowledge-sharing and collaboration within the academic community.



ONLINE QUEST GAME AS A TOOL FOR ENHANCING LEARNING IN RESEARCH.
(n.d.). Volume: 8 Issue: 2.

“University of the Philippines Manila Institutional Repository”

Arceo (2023) addresses a pervasive challenge that accompanies the digital age - the intricate dilemma of effectively storing and archiving the incessant stream of digital materials. This issue is exacerbated within the institutional context of the University of the Philippines Manila, where the utilization of multiple repositories has inadvertently led to the creation of disjointed information islands, impeding efficient data gathering and dissemination. To overcome this obstacle, the author proposes a comprehensive solution in the form of an online centralized repository system tailored for the university.

The envisioned repository system emerges as a holistic response to the multifaceted problem. It not only streamlines the viewing, storage, and sharing of digital materials but also integrates essential features such as material commenting and annotation, enriching the user experience. A pivotal milestone is the establishment of the University of the Philippines Manila Institutional Repository, a platform that seamlessly enables users to search for and contribute digital materials through the power of the internet.

Beyond the user-centric attributes, the repository system also empowers administrators with the tools required to manage and moderate content effectively. System Administrators can take charge of content moderation and even assign community-specific moderators to streamline the process. This facet further enhances the governance and sustainability of the repository.

Arceo's (2023) endeavor resonates with the broader discourse on digital preservation and accessibility. By conceptualizing and implementing a centralized repository solution, the author propels the University of the Philippines Manila towards overcoming the challenges posed by fragmented repositories. The proposed repository system encapsulates a strategic fusion of technological and administrative elements, offering a comprehensive solution that not only addresses the immediate problem but also lays the groundwork for enhanced digital archiving and knowledge dissemination within the institution.



Zhou, X., Mulay, A., Ferrara, E., & Zafarani, R. (2020). ReCOVery. DIGITAL LIBRARY.
<https://doi.org/10.1145/3340531.3412880>

“UPOU Launches Institutional Repository”

The University of the Philippines Open University (UPOU), in collaboration with the Office of the Vice Chancellor for Academic Affairs (OVCAA), the UPOU Research Publications Committee, and the Faculty of Information and Communication Studies (FICS), orchestrated the Research Conversation Series 2022 on March 8, 2022. This virtual event was a significant step toward fostering a dynamic academic dialogue within the institution.

The focal point of the event was the unveiling of the "UPLOAD: Launching of the UPOU Institutional Repository," a milestone that holds paramount importance for the UPOU community. Dr. Diego S. Maranan, FICS Associate Professor and the incumbent Dean of FICS, led the discourse as the resource speaker. The event, streamed live via UPOU Networks and YouTube platforms, was expertly hosted by Mr. Efraime Cruz, FICS Project Staff.

Superadmin. (2022, April 12). UPOU launches Institutional Repository - University of the Philippines Open University. University of the Philippines Open University.
<https://www.upou.edu.ph/news/upou-launches-institutional-repository/>

“Developing an Institutional Repository: a training for CPU Librarians”

In January 21-23, 2021, the Henry Luce III Library of Central Philippine University embarked on a significant training initiative aimed at establishing an institutional research repository. This strategic endeavor was set in motion to pave the way for the launch of a digital repository tailored to house the prolific research output of the university's students and faculty members.

The training event unfolded within the confines of the American Corner, situated on the library's 3rd floor. Central to the purpose of this digital repository is to foster openness and online accessibility. With a clear mandate of archiving and meticulously organizing the scholarly endeavors of the university's academic community, this repository endeavors to digitize select materials from the library, thereby amplifying their reach and impact.



Developing an Institutional Repository: a training for CPU Librarians – Henry Luce III Library. (n.d.). <https://library.cpu.edu.ph/ir-librarians-training/>

“CollaborateIT: A CCS IT Thesis Portal with Electronic Document Management System”

In essence, the development of this Portal with an Electronic Document Management System stands as a testament to the innovative spirit of academic institutions. By addressing the temporal challenges and streamlining communication between students and faculty, this system not only facilitates the thesis process but also exemplifies the commitment of De La Salle University - Manila to provide an environment conducive to scholarly achievement. The study, authored by Elin del Rosario, Julian del Rosario, Mirro Nieva, Tiara Tan, and Marivic Tangkeko, resonates as a noteworthy contribution to the optimization of academic processes and the advancement of educational excellence.

“The Role of Management Information System: Review on the Importance of Data and Implementation in Organizational Process”

Authored by Cherish Kay L. Pastor (2019), this study underscores the profound impact that an adeptly managed Management Information System can have on the trajectory of organizational success. Through its synthesis of academic scholarship and empirical observation, the study contributes to the broader understanding of the significance of MIS in optimizing operational efficiency and fostering innovation within various sectors.

Eric B. Blancaflor, Kim David G. Camaongay, James Adrian S. Chua, & Genesis A. Echanes. (2022). A Gamified Educational Learning Module for Core Subjects in an Elementary Level. *International Journal of Information and Education Technology*.

“Pursuing STEM Careers: Perspectives of Senior High School Students by Renzo Jay L. Rafanan, and Clarisse Yimyr De Guzman”

The research conducted by Renzo Jay L. Rafanan and Clarisse Yimyr De Guzman provides insights into the perspectives of senior high school students aiming for STEM careers.



The study emphasizes that students in the STEM track show a prevalent interest in biology-related fields and choose STEM due to its alignment with their desired college courses. Additionally, the participants express strong determination to pursue STEM-related careers upon completing their university education, driven by their personal aspirations.

The study's recommendations underscore the importance of proactive support from educational institutions and the Department of Education (DepEd) to guide students in making well-informed career decisions and preparing them for future STEM careers. Implementing various programs and seminars focused on career preparation can enable students to gain a clearer understanding of their career options and alleviate unnecessary pressures. These efforts aim to nurture a competent and motivated future workforce in STEM fields.

Renzo Jay L. Rafanan & Clarisse Yimyr De Guzman. (2020). Pursuing STEM Careers: Perspectives of Senior High School Students. Participatory Educational Research.

“Amidst the Online Learning Modality: The Usage of Learning Management System (LMS) and Its Relationship to the Academic Performance of the Filipino Students”

Mark Anthony Cruz et al.’ (2021) In response to the imperative of enhancing student performance and learning outcomes, contemporary academic institutions and societies driven by technology have fervently embraced the potential of Information and Communication Technologies (ICTs). This transformative embrace extends to the incorporation of Learning Management Systems (LMS) and the adoption of blended learning methodologies. Against this backdrop, this study undertakes a comprehensive investigation into the dynamic between the utilization of a learning management system and the academic performance of 188 senior high school students in the Philippines.

The study stands as a testament to the evolving educational landscape, where technology-enabled learning environments have become pivotal to modern pedagogy. The exploration hinges on an exploration of whether the extent of usage of a learning management system is intertwined with students' academic achievements. Employing the Pearson correlation coefficient as a quantitative analytical tool, the study endeavors to discern patterns within the data.



Tolentino, J. C. G. (2022). Gamification in a Virtual Ecology (GIVE): Enhancing Classroom Engagement in Physical Education among Senior High School Students. <https://ejournals.ph/article.php?id=18533>

“Implementation of Learning Management Systems amidst COVID-19 CrisIs”

The profound impact of the COVID-19 pandemic on the Philippine educational landscape has been a matter of significant concern. In response to the immediate challenges posed by the pandemic, President Duterte declared an Enhanced Community Quarantine in Central Luzon on March 17, 2020, subsequently extended until April 30, 2020. This suspension of classes at all levels was a disruptive force that required an expeditious shift to alternative modes of learning. Chairman Prospero De Vera of CHED.gov.ph (2020) issued an advisory urging Colleges and Universities to employ distance learning, e-learning, and other alternative modes of delivery to ensure the continuity of educational operations.

In addressing these exigent circumstances, the researcher, Froilan D. Mobo, undertook a comprehensive study centered on the deployment and assessment of Learning Management Systems (LMS). The LMS platform was tested across diverse educational institutions, including the Philippine Merchant Marine Academy, Central Luzon College of Science and Technology, College of Subic Montessori, and Columban College Graduate School. A subsequent online survey was conducted, utilizing Google Forms and Microsoft Excel, to elicit insights on the utilization and impact of the Learning Management System.