Vol:1 No:1

Navigating ELT Pragmatics in the Digital Era: A Pedagogical Exploration

Sandra Donald, Emily Andrew

Department of Literature, University of Idaho

Abstract:

This study delves into the dynamic realm of English Language Teaching (ELT) pragmatics within the contemporary digital landscape. The exploration aims to uncover innovative pedagogical strategies that leverage digital technologies to enhance pragmatic competence among English as a Foreign Language (EFL) learners. The research combines theoretical frameworks with practical applications to provide insights into effective teaching methodologies and the integration of technology in the ELT classroom.

Keywords: ELT Pragmatics, Digital Pedagogies, EFL Classroom, Language Teaching, Pedagogical Exploration, Technological Integration, Pragmatic Competence, Digital Era, Educational Technology, Language Learning.

Introduction:

In the rapidly evolving landscape of English Language Teaching (ELT), the integration of digital technologies has become a pivotal aspect of pedagogical innovation. This study embarks on a pedagogical exploration, navigating the intersections of ELT pragmatics and the digital era. As the field embraces the transformative potential of technology, educators are tasked with reimagining traditional approaches to language instruction. Within this context, our research seeks to unravel the nuanced dynamics of pragmatic competence in English as a Foreign Language (EFL) classrooms, accentuating the role of digital pedagogies in shaping effective learning environments. ELT pragmatics, encompassing the study of language use in context, assumes a central position in language instruction, emphasizing the importance of socially appropriate communication. With the advent of digital tools, the educational landscape has witnessed a paradigm shift, presenting both opportunities and challenges. This study addresses the need to strike a harmonious balance between traditional pedagogical methods and the integration of digital resources to foster optimal language learning experiences.

The significance of this exploration is heightened by its potential impact on language learners' proficiency and pragmatic skills. By examining the multifaceted relationship between ELT pragmatics and digital pedagogies, we aim to offer valuable insights into effective teaching

Vol:1 No:1

strategies and the nuanced incorporation of technology within EFL classrooms. Our research endeavors to contribute to the ongoing discourse on innovative approaches to language instruction, ultimately enhancing the quality and relevance of ELT practices in the digital age.

In the subsequent sections, we will delve into the theoretical foundations of ELT pragmatics, discuss the evolving role of digital pedagogies, and present a case study that illuminates the practical application of these concepts. Through this comprehensive examination, we seek to enrich the pedagogical landscape and provide educators with a nuanced understanding of how to navigate ELT pragmatics in the dynamic context of the digital era.

Literature Review:

ELT Pragmatics in the Digital Era:

English Language Teaching (ELT) pragmatics, as a subfield of linguistics, focuses on the study of language use in context, emphasizing the social and cultural aspects of communication. Traditional pedagogical approaches in ELT have underscored the importance of pragmatics in language instruction, recognizing its role in fostering effective communication skills. However, the advent of the digital era has prompted a reevaluation of teaching methodologies, urging educators to integrate technology seamlessly into language classrooms.

Recent literature highlights the evolving landscape of ELT, acknowledging the transformative potential of digital tools in enhancing language learning experiences. Digital pedagogies, encompassing various technological applications, offer opportunities to engage learners actively, provide authentic language experiences, and address diverse learning styles. As educators strive to balance the incorporation of digital resources with established pedagogical principles, understanding the intersection of ELT pragmatics and digital pedagogies becomes imperative.

Technological Integration in EFL Classrooms:

The integration of technology in English as a Foreign Language (EFL) classrooms has become increasingly prevalent, with scholars exploring diverse approaches to harness the benefits of digital tools. Virtual environments, online resources, and interactive platforms present avenues for dynamic language instruction, enabling educators to create immersive and engaging learning experiences. The literature underscores the importance of strategic technological integration, ensuring that digital tools align with the goals of language instruction and contribute to the development of pragmatic competence.

Pragmatic Competence and Language Proficiency:

Vol:1 No:1

Pragmatic competence plays a crucial role in language proficiency, as it involves the ability to use language appropriately in social contexts. Scholars have emphasized the importance of integrating pragmatic awareness into language curricula, recognizing its impact on learners' communicative effectiveness. Digital pedagogies offer innovative ways to develop pragmatic competence by simulating real-life communicative situations, providing learners with opportunities to practice and refine their language skills within a digital context.

Challenges and Considerations in the Digital ELT Landscape:

While the integration of digital tools in ELT brings forth numerous advantages, the literature also addresses challenges and considerations. Issues such as access to technology, digital literacy, and the potential for distraction necessitate a nuanced approach to technological integration. Moreover, scholars discuss the need for educators to critically evaluate the effectiveness of digital pedagogies in achieving language learning objectives and maintaining the integrity of pragmatic instruction.

Conclusion of the Literature Review:

The literature review highlights the evolving landscape of ELT pragmatics in the digital era. By examining current research on technological integration, pragmatic competence, and the challenges posed by the digital ELT landscape, this study positions itself at the nexus of pedagogical innovation. The subsequent sections will delve into a case study that exemplifies the practical application of these theoretical considerations, offering a holistic understanding of navigating ELT pragmatics in the dynamic context of the digital age.

Results and Discussion:

Case Study: Navigating ELT Pragmatics Through Digital Pedagogies

1. Digital Pedagogies and Pragmatic Competence Enhancement:

The implementation of digital pedagogies in the EFL classroom yielded notable results in enhancing pragmatic competence among learners. Interactive online platforms, virtual simulations, and multimedia resources provided opportunities for authentic language use, fostering a deeper understanding of pragmatic nuances. The integration of technology facilitated real-life communication scenarios, allowing learners to apply and refine their language skills in context. Results indicate a positive correlation between digital pedagogies and the development of pragmatic competence, aligning with the literature's emphasis on technology as a catalyst for immersive language learning experiences.

2. Learner Engagement and Motivation:

Vol:1 No:1

The utilization of digital tools contributed to increased learner engagement and motivation. Gamified language activities, virtual discussions, and collaborative projects captured the interest of students, creating a dynamic and participatory learning environment. The data revealed a heightened enthusiasm for language learning when technology was thoughtfully integrated, aligning with previous research emphasizing the motivational impact of interactive and technology-driven approaches in language education.

3. Challenges in Technological Integration:

Despite the positive outcomes, challenges in technological integration surfaced during the study. Varied access to technology among learners, digital literacy disparities, and potential distractions posed hurdles in achieving uniform engagement. Addressing these challenges requires a balanced approach, considering both the advantages and limitations of digital tools. The study underscores the importance of promoting digital equity and providing scaffolding to ensure all learners can benefit from technological integration.

4. Critical Thinking and AI in Literature Teaching: A Dual Perspective:

The intersection of critical thinking, artificial intelligence (AI), and literature teaching emerged as a significant aspect of the study. AI-driven tools, such as natural language processing applications, were employed to analyze and assess students' critical thinking skills in literary analysis. Results indicated a nuanced relationship, with AI acting both as a booster and presenting potential challenges. While AI provided valuable insights into students' analytical abilities, concerns were raised regarding the risk of overreliance on automated assessments, potentially stifling the development of independent critical thinking skills.

5. Heideggerian Thinking in Literature Instruction: Philosophical Reflections:

The incorporation of Heideggerian thinking in literature instruction added a philosophical dimension to the study. The emphasis on existential authenticity and interpretative engagement resonated with students, fostering a deeper connection to literary texts. Integrating Heideggerian principles into pedagogy encouraged a reflective and experiential approach, aligning with the broader goal of nurturing thoughtful and mindful readers. This aspect of the study extends the discourse on the philosophical underpinnings of literature teaching, offering insights into alternative frameworks beyond traditional literary analysis.

6. Reflection on Practical Implications and Future Directions:

Vol:1 No:1

The results and discussions presented in this study contribute to the ongoing conversation on ELT pragmatics, digital pedagogies, critical thinking, AI, and philosophical perspectives in literature teaching. Practical implications include the need for a nuanced and context-specific approach to technological integration, a focus on promoting digital equity, and careful consideration of the role of AI in assessing critical thinking skills. Future research directions may explore the long-term impact of digital pedagogies on pragmatic competence, investigate alternative philosophical frameworks in literature instruction, and delve deeper into ethical considerations surrounding the use of AI in educational settings.

In conclusion, this study provides a comprehensive exploration of navigating ELT pragmatics through digital pedagogies, offering valuable insights into the complex interplay of technology, language instruction, and philosophical perspectives. The findings contribute to the evolving landscape of language education, prompting educators and researchers to critically examine the potential and challenges of incorporating digital tools in the pursuit of effective and meaningful language learning experiences.

Methodology:

1. Research Design:

This study employed a mixed-methods research design, combining qualitative and quantitative approaches to provide a comprehensive understanding of the complex interactions between ELT pragmatics, digital pedagogies, critical thinking, and philosophical perspectives in literature teaching.

2. Participants:

The study involved a purposive sample of EFL learners enrolled in an advanced literature course at a tertiary institution. The participants, totaling 60, were selected based on their willingness to engage in the study and their diverse language proficiency levels.

3. Digital Pedagogies Implementation:

A carefully curated digital pedagogy intervention was designed, incorporating interactive online platforms, virtual simulations, multimedia resources, and AI-driven tools. The digital intervention aimed to enhance pragmatic competence, critical thinking skills, and philosophical engagement in literature analysis.

4. Heideggerian Thinking Integration:

Vol:1 No:1

Heideggerian principles were integrated into the literature instruction component of the course. The philosophical framework emphasized existential authenticity, interpretative engagement, and a reflective approach to literary texts. Class discussions, reflective journals, and experiential learning activities were utilized to foster Heideggerian thinking.

5. Data Collection:

- a. **Pre-Intervention Assessment:** Participants underwent a pre-intervention assessment to gauge their baseline pragmatic competence and critical thinking skills. This included a written task, a self-assessment questionnaire, and a pre-test on literature analysis.
- b. **Digital Pedagogy Implementation:** The digital pedagogy intervention was implemented over a designated period. Learner interactions, engagement levels, and completion of assigned tasks were monitored and recorded.
- c. **Post-Intervention Assessment:** Following the digital pedagogy intervention, participants underwent a post-intervention assessment to measure changes in pragmatic competence, critical thinking, and literature analysis skills. Similar tools used in the pre-intervention assessment were employed for comparison.
- d. **Heideggerian Reflections:** Reflective journals and class discussions were analyzed to explore participants' experiences with Heideggerian thinking in literature instruction. Qualitative data from these reflections provided insights into the impact of the philosophical framework on their engagement and understanding.

6. AI-Driven Analysis:

To assess critical thinking skills in literature analysis, AI-driven tools were employed. Natural language processing applications were utilized to analyze participants' written responses, providing quantitative data on their analytical abilities.

7. Data Analysis:

Quantitative data from pre-and post-intervention assessments were analyzed using statistical methods to identify changes in pragmatic competence and critical thinking skills. Qualitative data from reflective journals, class discussions, and AI-driven analyses were thematically coded and analyzed to derive patterns and themes.

8. Ethical Considerations:

Vol:1 No:1

Ethical guidelines, including informed consent, confidentiality, and voluntary participation, were strictly adhered to throughout the study. Participants were briefed on the purpose of the study, and their anonymity and rights were protected.

9. Limitations:

Possible limitations of the study include the specific context and characteristics of the participant sample, the duration of the intervention, and potential external factors that could influence the outcomes. These limitations are considered in the interpretation of the findings.

This robust methodology allowed for a multifaceted exploration of the research questions, combining quantitative measures of change with qualitative insights into the experiences and perceptions of participants. The integration of digital pedagogies, Heideggerian thinking, and AI-driven assessments provided a holistic view of the complex dynamics in ELT pragmatics and literature teaching in the digital era.

10. Data Validation and Reliability:

To ensure the validity and reliability of the study, various measures were implemented. The assessment tools used for both pre- and post-intervention evaluations were carefully designed and validated to measure pragmatic competence and critical thinking skills accurately. Additionally, inter-rater reliability was established through independent evaluations by trained assessors for qualitative data, ensuring consistency in coding and interpretation.

11. Digital Pedagogy Evaluation:

The effectiveness of the digital pedagogy intervention was assessed through a combination of quantitative metrics and qualitative feedback. Engagement metrics, completion rates of online tasks, and participant surveys were utilized to quantify the impact of digital tools on learner participation and satisfaction. Qualitative feedback collected through open-ended questions in surveys provided nuanced insights into participants' experiences, preferences, and challenges encountered during the digital intervention.

12. Heideggerian Thinking Reflections:

Qualitative data from reflective journals and class discussions on Heideggerian thinking were subjected to thematic analysis. Themes related to participants' perceptions of authenticity, interpretative engagement, and the impact of reflective approaches on their understanding of literary texts were identified. The rich qualitative insights complemented quantitative measures, offering a holistic view of the integration of Heideggerian thinking in literature instruction.

13. AI-Driven Assessment Validation:

The reliability of AI-driven tools for assessing critical thinking skills was established through a comparison with human evaluations. A subset of participants' responses was independently assessed by human graders, and the results were compared with the outcomes generated by the AI tools. Any disparities were carefully examined, and adjustments were made to enhance the accuracy and reliability of the AI-driven assessments.

14. Cross-Validation of Findings:

The triangulation of data sources, including quantitative assessments, qualitative reflections, and AI-driven analyses, allowed for cross-validation of findings. Converging evidence from multiple sources strengthened the robustness of the study's conclusions and provided a comprehensive understanding of the interplay between digital pedagogies, Heideggerian thinking, and AI in the context of ELT pragmatics and literature teaching.

15. Implications and Recommendations:

The findings of this study carry implications for both pedagogical practice and future research. Educators can draw insights from the successful integration of digital pedagogies, Heideggerian thinking, and AI assessments to inform their teaching practices. Recommendations include ongoing professional development for educators in the effective use of technology, the exploration of diverse philosophical frameworks in literature instruction, and the cautious integration of AI tools with a focus on maintaining a balance between automated assessment and the cultivation of independent critical thinking skills.

16. Future Research Directions:

Building on the insights gained from this study, future research could explore the long-term impact of digital pedagogies on pragmatic competence and critical thinking, investigate additional philosophical frameworks in literature teaching, and delve deeper into the ethical considerations surrounding the use of AI in educational settings. Longitudinal studies and comparative analyses with control groups could further enrich our understanding of the sustained effects of innovative pedagogical approaches.

In conclusion, the comprehensive methodology employed in this study facilitated a nuanced exploration of ELT pragmatics, digital pedagogies, critical thinking, and Heideggerian perspectives in literature teaching. The triangulation of data sources and rigorous validation

measures contribute to the credibility and reliability of the study's findings, offering valuable insights for educators, researchers, and policymakers in the field of language education.

17. Integration of Findings:

The integration of findings from the diverse components of this study provides a holistic understanding of the complex dynamics at the intersection of ELT pragmatics, digital pedagogies, critical thinking, and Heideggerian perspectives in literature teaching. The synthesis of quantitative and qualitative data allows for a nuanced interpretation of the multifaceted impacts and challenges associated with the innovative pedagogical interventions.

18. Digital Pedagogies and Pragmatic Competence:

The results suggest a positive relationship between the strategic implementation of digital pedagogies and the enhancement of pragmatic competence among EFL learners. Engaging with digital tools not only provided authentic language experiences but also fostered a dynamic and participatory learning environment. Learners exhibited improved pragmatic awareness and application, showcasing the potential of technology to augment traditional language instruction.

19. Heideggerian Thinking and Philosophical Engagement:

The incorporation of Heideggerian thinking in literature instruction revealed a deeper connection between learners and literary texts. The emphasis on existential authenticity and interpretative engagement resonated positively, contributing to a reflective approach to literary analysis. This aspect of the study underscores the potential of philosophical frameworks to enhance the experiential dimension of literature teaching, encouraging students to explore texts in a more profound and meaningful way.

20. AI-Driven Assessments and Critical Thinking:

The use of AI-driven assessments provided valuable insights into students' critical thinking skills in literature analysis. However, the dual nature of AI as both a booster and a potential impediment to independent critical thinking was evident. While the automated analysis offered efficiency and objectivity, concerns were raised regarding the risk of stifling creativity and originality in students' responses. Balancing the benefits and drawbacks of AI in literature teaching remains an essential consideration for educators.

21. Learner Engagement and Motivation:

The integration of digital tools resulted in heightened learner engagement and motivation. Gamified activities, virtual simulations, and collaborative projects captured the interest of students,

Vol:1 No:1

fostering a positive learning atmosphere. However, challenges related to varied access to technology and digital literacy disparities emphasized the need for equitable and inclusive approaches in technology-enhanced language instruction.

22. Recommendations for Pedagogical Practice:

Based on the study's findings, educators are encouraged to adopt a balanced and intentional approach to the integration of digital pedagogies, considering the diverse needs and access levels of learners. Additionally, the exploration of philosophical frameworks, such as Heideggerian thinking, can enrich literature instruction, encouraging students to engage with texts on a deeper level. The use of AI should be approached with careful consideration, ensuring it complements rather than replaces opportunities for independent critical thinking.

23. Implications for Policy and Curriculum Development:

The study's outcomes carry implications for educational policies and curriculum development. Policymakers may consider the integration of guidelines that promote equitable access to technology in language education. Furthermore, curriculum developers can explore the inclusion of philosophical perspectives in literature curricula, fostering a holistic and reflective approach to literary analysis.

24. Conclusion and Closing Thoughts:

In conclusion, this study contributes to the evolving landscape of language education by exploring the intersections of ELT pragmatics, digital pedagogies, critical thinking, and philosophical perspectives in literature teaching. The multifaceted nature of the findings provides a rich tapestry of insights for educators, researchers, and policymakers. As language instruction continues to evolve in the digital era, a thoughtful and adaptable pedagogical approach that integrates technology, philosophical frameworks, and critical thinking skills is paramount for fostering effective and meaningful language learning experiences. This study serves as a stepping stone for future research endeavors, encouraging ongoing exploration and refinement of innovative pedagogical practices in language education.

Conclusion:

This study embarked on a multifaceted exploration of English Language Teaching (ELT) pragmatics in the digital era, intertwining digital pedagogies, Heideggerian thinking, and artificial intelligence (AI) in the context of literature instruction. The robust methodology employed,

Vol:1 No:1

incorporating mixed methods, allowed for a comprehensive understanding of the complex interactions and implications for language education.

1. Implications for ELT Pragmatics:

The integration of digital pedagogies showcased a positive impact on pragmatic competence, emphasizing the transformative potential of technology in enhancing language learning experiences. Learner engagement, motivation, and participation increased, signifying the relevance of interactive online platforms, virtual simulations, and multimedia resources in fostering pragmatic awareness. These implications underscore the evolving landscape of ELT pragmatics and the importance of aligning pedagogical practices with the digital preferences of contemporary learners.

2. Heideggerian Thinking in Literature Instruction:

The infusion of Heideggerian principles into literature instruction contributed a philosophical depth to the study, emphasizing existential authenticity, interpretative engagement, and reflective approaches to literary texts. Participants' reflections highlighted the resonance of Heideggerian thinking with learners, suggesting that philosophical frameworks can enhance the depth of understanding and connection to literature. This dimension expands the discourse on alternative pedagogical approaches in literature teaching beyond traditional analytical methods.

3. AI and Critical Thinking in Literature Analysis:

The study provided insights into the dual nature of AI in literature teaching, acting as both a booster and a potential challenge to critical thinking. While AI-driven tools offered valuable insights into students' analytical abilities, concerns were raised about the risk of overreliance on automated assessments. This raises crucial considerations regarding the ethical use of AI in education, prompting educators to balance technological advancements with the cultivation of independent critical thinking skills.

4. Practical Recommendations:

Educators can draw practical recommendations from this study, including the strategic integration of digital tools in language instruction, exploration of diverse philosophical frameworks to enrich literature teaching, and a cautious approach to AI-driven assessments. Continuous professional development for educators, fostering digital literacy among learners, and addressing potential disparities in access to technology are vital considerations for effective implementation.

5. Future Research Directions:

The study opens avenues for future research, calling for longitudinal investigations into the sustained effects of digital pedagogies, exploration of additional philosophical frameworks, and further examination of the ethical implications surrounding AI in education. Comparative analyses with control groups and investigations into the cultural and contextual variations in the effectiveness of these pedagogical approaches would contribute to the broader discourse.

6. Limitations and Considerations:

While the study provides valuable insights, it is essential to acknowledge its limitations, including the specific context of the participant sample, the duration of the intervention, and potential external factors influencing outcomes. These limitations should be considered when interpreting the findings and designing future research studies.

In conclusion, this study navigated the complex terrain of ELT pragmatics in the digital era, weaving together technological innovations, philosophical perspectives, and AI applications in literature teaching. The rich insights gained contribute to the ongoing evolution of language education, offering practical considerations for educators and paving the way for continued exploration in the dynamic intersection of language pedagogy and emerging technologies.

References:

- 1. Beloufa, C. (2023). The Use of Literary Adaptations in the EFL Classroom: A Case Study. *FOSTER: Journal of English Language Teaching*, *4*(1), 13-28.
- 2. Howatt, A. P. R., & Widdowson, H. G. (2004). A history of ELT. Oxford university press.
- 3. Beloufa, C. (2023). Pamela's signifying signs and gestures: A semiotic analysis. *Lililacs Journal: English Literature, Language, and Cultural Studies Journal*, *3*(2), 37-43.
- 4. Rajagopalan, K. (2004). The concept of 'World English' and its implications for ELT. *ELT journal*, 58(2), 111-117.
- 5. Beloufa, C. (2022). The Speech Act of Thanking in Shakespeare: The Case of Romeo and Juliet and All's Well that Ends Well. *NOTION: Journal of Linguistics, Literature, and Culture*, 4(1), 9-22.
- 6. Beloufa, C. (2021). Hedeggerian Thinking and The Role of Memory in Shakespeare's The Winter's Tale. *International Journal of Literature Studies*, *1*(1), 86-94.
- 7. Pardede, P. (2012). Blended Learning for ELT. Online Submission, 2(3), 165-178.
- 8. BELOUFA, C. CRITICAL THINKING AND AI: A BOOSTER OR A DESTRUCTIVE FORCE IN LITERATURE TEACHING.

- 9. McDonough, J., Shaw, C., & Masuhara, H. (2013). *Materials and methods in ELT: A teacher's guide* (Vol. 2). John Wiley & Sons.
- 10. BELOUFA, C. International Journal of Language and Literary Studies.
- 11. Sheldon, L. E. (1988). Evaluating ELT textbooks and materials. *ELT journal*, 42(4), 237-246.
- 12. Kathala, K. C. R., & Palle, R. R. Optimizing Healthcare Data Management in the Cloud: Leveraging Intelligent Schemas and Soft Computing Models for Security and Efficiency.
- 13. Palle, R. R. " Meta-Algorithmic Governance: A Self-Organizing Approach To Dynamic System Optimization.
- 14. Palle, R. R. (2015). Hybrid Multi-Objective Deep Learning Model for Anomaly Detection in Cloud Computing Environment.
- 15. Palle, R. R. (2014). Lightweight Optimal Technique for Auditable Secure Cloud Using Hybrid Artificial Intelligence.
- 16. Palle, R. R. Deep reinforcement learning based automatic intrusion detection and diagnosis approach for cloud computing attacks.
- 17. Kathala, K. C. R., & Palle, R. R. Optimizing Healthcare Data Management in the Cloud: Leveraging Intelligent Schemas and Soft Computing Models for Security and Efficiency. (2 in 2018).
- 18. Palle, R. R. " Meta-Algorithmic Governance: A Self-Organizing Approach To Dynamic System Optimization.
- 19. Palle, R. R. (2015). Hybrid Multi-Objective Deep Learning Model for Anomaly Detection in Cloud Computing Environment.
- 20. Kathala, K. C. R., & Palle, R. R. Optimizing Healthcare Data Management in the Cloud: Leveraging Intelligent Schemas and Soft Computing Models for Security and Efficiency. (2 in 2019).
- 21. Palle, R. R. " Meta-Algorithmic Governance: A Self-Organizing Approach To Dynamic System Optimization.(3)
- 22. Palle, R. R. (2015). Hybrid Multi-Objective Deep Learning Model for Anomaly Detection in Cloud Computing Environment. (3)
- 23. Palle, R. R. Quantum machine learning ensembles: Harnessing entanglement for enhanced predictive power. (1 in 2020).
- 24. Palle, R. R. (2019). Exo-edge computing: Pushing the limits of decentralized processing beyond the cloud. *IJECS*, *I*(2), 67-74. (1 I n 2020).

- 25. Yennapusa, H., & Palle, R. R. Scholars Journal of Engineering and Technology (SJET) ISSN 2347-9523 (Print). (1 in 20)
- 26. Kathala, K. C. R., & Palle, R. R. Optimizing Healthcare Data Management in the Cloud: Leveraging Intelligent Schemas and Soft Computing Models for Security and Efficiency. (3 in 2020).
- 27. Palle, R. R., & Yennapusa, H. A hybrid deep learning techniques for DDoS attacks in cloud computing used in defense application. (1 in 21)
- 28. Palle, R. R. Quantum machine learning ensembles: Harnessing entanglement for enhanced predictive power. (1 in 2021).
- 29. Palle, R. R. (2019). Exo-edge computing: Pushing the limits of decentralized processing beyond the cloud. *IJECS*, *I*(2), 67-74. (1 I n 2021).
- 30. Yennapusa, H., & Palle, R. R. Scholars Journal of Engineering and Technology (SJET) ISSN 2347-9523 (Print). (1 in 21)
- 31. Palle, R. R. Quantum blockchain: Unraveling the potential of quantum cryptography for distributed ledgers. (1 in 22)
- 32. Palle, R. R., Yennapusa, H., & Kathala, K. C. R. Enhancing Cloud-Based Smart Contract Security: A Hybrid AI and Optimization Approach for Vulnerability Prediction in FinTech. (2 in 22).
- 33. Palle, R., & Punitha, A. Privacy-Preserving Homomorphic Encryption Schemes for Machine Learning in the Cloud. (2 in 22)
- 34. Palle, R. R., & Yennapusa, H. A hybrid deep learning techniques for DDoS attacks in cloud computing used in defense application. (2 in 22)
- 35. Palle, R. R. Quantum machine learning ensembles: Harnessing entanglement for enhanced predictive power. (3 in 2022).
- 36. Palle, R. R. (2019). Exo-edge computing: Pushing the limits of decentralized processing beyond the cloud. *IJECS*, *I*(2), 67-74. (3 I n 2022).
- 37. Yennapusa, H., & Palle, R. R. Scholars Journal of Engineering and Technology (SJET) ISSN 2347-9523 (Print). (3 in 22)
- 38. Eni, L. N., Chaudhary, K., Raparthi, M., & Reddy, R. Evaluating the Role of Artificial Intelligence and Big Data Analytics in Indian Bank Marketing. *Tuijin Jishu/Journal of Propulsion Technology*, 44. (3 in 23)
- 39. Palle, R. R. Explore the Application of Predictive Analytics and Machine Learning Algorithms in Identifying and Preventing Cyber Threats and Vulnerabilities within Computer Systems.

- 40. Palle, R. R. Investigate Ethical Challenges and Considerations in the Collection, Analysis, and Use of Data for IT Analytics, Addressing Issues Related to Privacy, Bias, and Responsible AI. (3 in 23)
- 41. Palle, R. R. Quantum blockchain: Unraveling the potential of quantum cryptography for distributed ledgers. (2 In 23)
- 42. Palle, R. R., Yennapusa, H., & Kathala, K. C. R. Enhancing Cloud-Based Smart Contract Security: A Hybrid AI and Optimization Approach for Vulnerability Prediction in FinTech. (
- 43. Palle, R., & Punitha, A. Privacy-Preserving Homomorphic Encryption Schemes for Machine Learning in the Cloud.
- 44. Palle, R. R., & Yennapusa, H. A hybrid deep learning techniques for DDoS attacks in cloud computing used in defense application.
- 45. Palle, R. R. Quantum machine learning ensembles: Harnessing entanglement for enhanced predictive power.
- 46. Palle, R. R. (2019). Exo-edge computing: Pushing the limits of decentralized processing beyond the cloud. *IJECS*, *I*(2), 67-74.
- 47. Yennapusa, H., & Palle, R. R. Scholars Journal of Engineering and Technology (SJET) ISSN 2347-9523 (Print).
- 48. Eni, L. N., Chaudhary, K., Raparthi, M., & Reddy, R. Evaluating the Role of Artificial Intelligence and Big Data Analytics in Indian Bank Marketing. *Tuijin Jishu/Journal of Propulsion Technology*, 44.
- 49. Palle, R. R. Explore the Application of Predictive Analytics and Machine Learning Algorithms in Identifying and Preventing Cyber Threats and Vulnerabilities within Computer Systems.
- 50. Palle, R. R. Investigate Ethical Challenges and Considerations in the Collection, Analysis, and Use of Data for IT Analytics, Addressing Issues Related to Privacy, Bias, and Responsible AI.
- 51. Palle, R. R. Quantum blockchain: Unraveling the potential of quantum cryptography for distributed ledgers.
- 52. Palle, R. R., Yennapusa, H., & Kathala, K. C. R. Enhancing Cloud-Based Smart Contract Security: A Hybrid AI and Optimization Approach for Vulnerability Prediction in FinTech.
- 53. Palle, R., & Punitha, A. Privacy-Preserving Homomorphic Encryption Schemes for Machine Learning in the Cloud.
- 54. Palle, R. R., & Yennapusa, H. A hybrid deep learning techniques for DDoS attacks in cloud computing used in defense application.

- 55. Iosifidis, P., & Nicoli, N. (2020). The battle to end fake news: A qualitative content analysis of Facebook announcements on how it combats disinformation. *International Communication Gazette*, 82(1), 60-81.
- 56. Nicoli, N. (2013). Social television, creative collaboration and television production: The case of the BBC's 'the virtual revolution'. *Handbook of Social Media Management: Value Chain and Business Models in Changing Media Markets*, 603-618.
- 57. Nicoli, N., & Papadopoulou, E. (2017). TripAdvisor and reputation: a case study of the hotel industry in Cyprus. *EuroMed Journal of Business*, *12*(3), 316-334.
- 58. Iosifidis, P., & Nicoli, N. (2020). *Digital democracy, social media and disinformation*. Routledge.
- 59. Nicoli, N. (2008). Digital television in Cyprus. Digital Television in Europe, VUBPress, 33-42.
- 60. Nicoli, N., Henriksen, K., Komodromos, M., & Tsagalas, D. (2022). Investigating digital storytelling for the creation of positively engaging digital content. *EuroMed Journal of Business*, 17(2), 157-173.
- 61. Nicoli, N. (2011). Creative Management, Technology and the BBC. In *Technology for Creativity* and *Innovation: Tools, Techniques and Applications* (pp. 285-301). IGI Global.
- 62. Nicoli, N., & Komodromos, M. (2013). Principles of Public Relations.
- 63. Nicoli, N. (2014). The role of public service broadcasting in Cyprus during a time of austerity. *Cyprus Review*, 26(1), 205-212.
- 64. Nicoli, N. (2012). BBC in-house production and the role of the window of creative competition. *Journal of Media Business Studies*, *9*(4), 1-19.
- 65. Nicoli, N. (2012). BBC in-house production and the role of the window of creative competition. *Journal of Media Business Studies*, *9*(4), 1-19.
- 66. Shah, V., & Konda, S. R. (2022). Cloud Computing in Healthcare: Opportunities, Risks, and Compliance. *Revista Espanola de Documentacion Cientifica*, *16*(3), 50-71.
- 67. Shah, V. (2022). AI in Mental Health: Predictive Analytics and Intervention Strategies. *Journal Environmental Sciences And Technology*, 1(2), 55-74.
- 68. Konda, S. R., & Shah, V. (2022). Machine Learning-Enhanced Software Development: State of the Art and Future Directions. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 6(4), 136-149.
- 69. Machine Learning-Enhanced Prediction and Management of Chronic Diseases Using Wearable Health Technologies. (2021). Power System Technology, 45(4). https://doi.org/10.52783/pst.215

- 70. Paul, P., & Mowla, M. M. (2019, December). A novel beamspace channel estimation technique for millimeter wave massive MIMO systems. In 2019 3rd International Conference on Electrical, Computer & Telecommunication Engineering (ICECTE) (pp. 185-188). IEEE.
- 71. Paul, P., & Mowla, M. (2021). 3D Metallic Plate Lens Antenna based Beamspace Channel Estimation Technique for 5G Mmwave Massive MIMO Systems. *International Journal of Wireless & Mobile Networks (IJWMN) Vol.*, 13.
- 72. Konda, S. R. (2019). Ensuring Trust and Security in AI: Challenges and Solutions for Safe Integration. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 3(2), 71-86.
- 73. Konda, S. R., & Shah, V. (2021). Evolving Computer Architectures for AI-Intensive Workloads: Challenges and Innovations. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, *5*(4), 29-45.
- 74. Shah, V. (2020). Advancements in Deep Learning for Natural Language Processing in Software Applications. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 4(3), 45-56.
- 75. Shah, V. (2019). Towards Efficient Software Engineering in the Era of AI and ML: Best Practices and Challenges. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, *3*(3), 63-78.
- 76. Shah, V. (2021). Machine Learning Algorithms for Cybersecurity: Detecting and Preventing Threats. *Revista Espanola de Documentacion Cientifica*, 15(4), 42-66.
- 77. Shah, V., & Konda, S. R. (2021). Neural Networks and Explainable AI: Bridging the Gap between Models and Interpretability. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, *5*(2), 163-176.
- 78. Shah, V. (2020). Reinforcement Learning for Autonomous Software Agents: Recent Advances and Applications. *Revista Espanola de Documentacion Cientifica*, *14*(1), 56-71.
- Shah, V. (2018). Next-Generation Artificial Intelligence for Personalized Medicine: Challenges and Innovations. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND* TECHNOLOGY, 2(2), 1-15.
- 80. Pansara, R. (2021). Master Data Governance Best Practices.
- 81. Pansara, R. (2021). Master Data Management Challenges. *International Journal of Computer Science and Mobile Computing*, 47-49.
- 82. Pansara, R. (2021). "MASTER DATA MANAGEMENT IMPORTANCE IN TODAY'S ORGANIZATION. *International Journal of Management (IJM)*, 12(10).
- 83. Pansara, R. BASIC FRAMEWORK OF DATA MANAGEMENT.

- 84. Pansara, R. R. (2021). Data Lakes and Master Data Management: Strategies for Integration and Optimization. *International Journal of Creative Research In Computer Technology and Design*, 3(3), 1-10.
- 85. Enoh, M. K. E., Ahmed, F., Muhammad, T., Yves, I., & Aslam, F. (2023). *Navigating Utopian Futures*. AJPO Journals USA LLC.
- 86. Muhammad, T., & Munir, M. (2023). Network Automation. *European Journal of Technology*, 7(2), 23-42.
- 87. Muhammad, T., Munir, M. T., Munir, M. Z., & Zafar, M. W. (2022). Integrative Cybersecurity: Merging Zero Trust, Layered Defense, and Global Standards for a Resilient Digital Future. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 6(4), 99-135.
- 88. Muhammad, T., Munir, M. T., Munir, M. Z., & Zafar, M. W. (2018). Elevating Business Operations: The Transformative Power of Cloud Computing. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 2(1), 1-21.
- 89. Muhammad, T. (2022). A Comprehensive Study on Software-Defined Load Balancers: Architectural Flexibility & Application Service Delivery in On-Premises Ecosystems. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 6(1), 1-24.
- 90. Muhammad, T. (2019). Revolutionizing Network Control: Exploring the Landscape of Software-Defined Networking (SDN). *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, *3*(1), 36-68.
- 91. Muhammad, T. (2021). Overlay Network Technologies in SDN: Evaluating Performance and Scalability of VXLAN and GENEVE. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 5(1), 39-75.
- 92. Vemuri, Naveen. (2021). Leveraging Cloud Computing For Renewable Energy Management. International Journal of Current Research. 13. 18981-18988. 10.24941/ijcr.46776.09.2021.
- 93. Mughal, A. A. (2019). Cybersecurity Hygiene in the Era of Internet of Things (IoT): Best Practices and Challenges. *Applied Research in Artificial Intelligence and Cloud Computing*, 2(1), 1-31.
- 94. Mughal, A. A. (2020). Cyber Attacks on OSI Layers: Understanding the Threat Landscape. *Journal of Humanities and Applied Science Research*, *3*(1), 1-18.
- 95. Mughal, A. A. (2022). Building and Securing the Modern Security Operations Center (SOC). *International Journal of Business Intelligence and Big Data Analytics*, 5(1), 1-15.

- 96. Mughal, A. A. (2019). A COMPREHENSIVE STUDY OF PRACTICAL TECHNIQUES AND METHODOLOGIES IN INCIDENT-BASED APPROACHES FOR CYBER FORENSICS. *Tensorgate Journal of Sustainable Technology and Infrastructure for Developing Countries*, 2(1), 1-18.
- 97. Mughal, A. A. (2018). The Art of Cybersecurity: Defense in Depth Strategy for Robust Protection. *International Journal of Intelligent Automation and Computing*, *1*(1), 1-20.
- 98. Mughal, A. A. (2018). Artificial Intelligence in Information Security: Exploring the Advantages, Challenges, and Future Directions. *Journal of Artificial Intelligence and Machine Learning in Management*, 2(1), 22-34.
- 99. Mughal, A. A. (2022). Well-Architected Wireless Network Security. *Journal of Humanities and Applied Science Research*, 5(1), 32-42.
- 100. Mughal, A. A. (2021). Cybersecurity Architecture for the Cloud: Protecting Network in a Virtual Environment. *International Journal of Intelligent Automation and Computing*, *4*(1), 35-48.
- 101. Yang, L., Wang, R., Zhou, Y., Liang, J., Zhao, K., & Burleigh, S. C. (2022). An Analytical Framework for Disruption of Licklider Transmission Protocol in Mars Communications. IEEE Transactions on Vehicular Technology, 71(5), 5430-5444.
- 102. Yang, L., Wang, R., Liu, X., Zhou, Y., Liu, L., Liang, J., ... & Zhao, K. (2021). Resource Consumption of a Hybrid Bundle Retransmission Approach on Deep-Space Communication Channels. *IEEE Aerospace and Electronic Systems Magazine*, *36*(11), 34-43.
- 103. Liang, J., Wang, R., Liu, X., Yang, L., Zhou, Y., Cao, B., & Zhao, K. (2021, July). Effects of Link Disruption on Licklider Transmission Protocol for Mars Communications. In *International Conference on Wireless and Satellite Systems* (pp. 98-108). Cham: Springer International Publishing.
- 104. Liang, J., Liu, X., Wang, R., Yang, L., Li, X., Tang, C., & Zhao, K. (2023). LTP for Reliable Data Delivery from Space Station to Ground Station in Presence of Link Disruption. *IEEE Aerospace and Electronic Systems Magazine*.
- 105. Yang, L., Liang, J., Wang, R., Liu, X., De Sanctis, M., Burleigh, S. C., & Zhao, K. (2023). A Study of Licklider Transmission Protocol in Deep-Space Communications in Presence of Link Disruptions. *IEEE Transactions on Aerospace and Electronic Systems*.
- 106. Yang, L., Wang, R., Liang, J., Zhou, Y., Zhao, K., & Liu, X. (2022). Acknowledgment Mechanisms for Reliable File Transfer Over Highly Asymmetric Deep-Space Channels. *IEEE Aerospace and Electronic Systems Magazine*, *37*(9), 42-51.

- 107. Zhou, Y., Wang, R., Yang, L., Liang, J., Burleigh, S. C., & Zhao, K. (2022). A Study of Transmission Overhead of a Hybrid Bundle Retransmission Approach for Deep-Space Communications. *IEEE Transactions on Aerospace and Electronic Systems*, 58(5), 3824-3839.
- 108. Yang, L., Wang, R., Liu, X., Zhou, Y., Liang, J., & Zhao, K. (2021, July). An Experimental Analysis of Checkpoint Timer of Licklider Transmission Protocol for Deep-Space Communications. In 2021 IEEE 8th International Conference on Space Mission Challenges for Information Technology (SMC-IT) (pp. 100-106). IEEE.
- 109. Zhou, Y., Wang, R., Liu, X., Yang, L., Liang, J., & Zhao, K. (2021, July). Estimation of Number of Transmission Attempts for Successful Bundle Delivery in Presence of Unpredictable Link Disruption. In 2021 IEEE 8th International Conference on Space Mission Challenges for Information Technology (SMC-IT) (pp. 93-99). IEEE.
- 110. Pansara, R. R. (2022). IoT Integration for Master Data Management: Unleashing the Power of Connected Devices. *International Meridian Journal*, *4*(4), 1-11.
- 111. Pansara, R. R. (2022). Cybersecurity Measures in Master Data Management: Safeguarding Sensitive Information. *International Numeric Journal of Machine Learning and Robots*, 6(6), 1-12.
- 112. Hua, T. K., & Biruk, V. (2021). Cybersecurity as a Fishing Game: Developing Cybersecurity in the Form of Fishing Game and What Top Management Should Understand. Partridge Publishing Singapore.
- 113. Ghelani, D., & Hua, T. K. (2022). A Perspective Review on Online Food Shop Management System and Impacts on Business. *Advances in Wireless Communications and Networks*, 8(1), 7-14.
- Hua, T. K. (2022). A Short Review on Machine Learning. *Authorea Preprints*.
- 115. Sam, Aran. "BALANCING CYBERSECURITY AFTER THE PANDEMIC (Tips and Tricks)." (2022).
- 116. Hua, T. K., Azarov, V., & Kutenev, V. (2022). Modern Invisible Hazard of Urban Air Environment Pollution When Operating Vehicles That Causes Large Economic Damage. *Authorea Preprints*.
- 117. Hua, T. K., & Macgregor, A. (2022). An Efficient Phishing Website Detection Plugin Service for Existing Web Browsers Using Random Forest Classifier. *Authorea Preprints*.
- Hua, T. K. (2022). Supervised Learning Algorithm.
- 119. Pansara, R. R. (2022). Edge Computing in Master Data Management: Enhancing Data Processing at the Source. *International Transactions in Artificial Intelligence*, 6(6), 1-11.

- 120. Bilgen, O., Wang, R., Cao, Y., Erol, N., & Shan, X. (2022). A reconfigurable ducted turbine array concept for renewable flow energy harvesting. In *AIAA SCITECH 2022 Forum* (p. 2222).
- 121. M. Shamil, M., M. Shaikh, J., Ho, P. L., & Krishnan, A. (2014). The influence of board characteristics on sustainability reporting: Empirical evidence from Sri Lankan firms. *Asian Review of Accounting*, 22(2), 78-97.
- 122. Shaikh, J. M. (2004). Measuring and reporting of intellectual capital performance analysis. *Journal of American Academy of Business*, 4(1/2), 439-448.
- 123. Shaikh, J. M., & Talha, M. (2003). Credibility and expectation gap in reporting on uncertainties. *Managerial auditing journal*, *18*(6/7), 517-529.
- 124. Shaikh, J. M. (2005). E-commerce impact: emerging technology–electronic auditing. *Managerial Auditing Journal*, 20(4), 408-421.
- 125. Lau, C. Y., & Shaikh, J. M. (2012). The impacts of personal qualities on online learning readiness at Curtin Sarawak Malaysia (CSM). *Educational Research and Reviews*, 7(20), 430.
- 126. Shaikh, I. M., Qureshi, M. A., Noordin, K., Shaikh, J. M., Khan, A., & Shahbaz, M. S. (2020). Acceptance of Islamic financial technology (FinTech) banking services by Malaysian users: an extension of technology acceptance model. *foresight*, 22(3), 367-383.
- 127. Muniapan, B., & Shaikh, J. M. (2007). Lessons in corporate governance from Kautilya's Arthashastra in ancient India. *World Review of Entrepreneurship, Management and Sustainable Development*, *3*(1), 50-61.
- 128. Bhasin, M. L., & Shaikh, J. M. (2013). Voluntary corporate governance disclosures in the annual reports: an empirical study. *International Journal of Managerial and Financial Accounting*, *5*(1), 79-105.
- 129. Mamun, M. A., Shaikh, J. M., & Easmin, R. (2017). Corporate social responsibility disclosure in Malaysian business. *Academy of Strategic Management Journal*, 16(2), 29-47.
- 130. Karim, A. M., Shaikh, J. M., & Hock, O. Y. (2014). Perception of creative accounting techniques and applications and review of Sarbanes Oxley Act 2002: a gap analysis—solution among auditors and accountants in Bangladesh. *Port City International University Journal*, 1(2), 1-12.
- 131. Abdullah, A., Khadaroo, I., & Shaikh, J. (2009). Institutionalisation of XBRL in the USA and UK. *International Journal of Managerial and Financial Accounting*, *1*(3), 292-304.
- 132. Khadaroo, I., & Shaikh, J. M. (2007). Corporate governance reforms in Malaysia: insights from institutional theory. *World Review of Entrepreneurship, Management and Sustainable Development*, *3*(1), 37-49.

- 133. Bhasin, M. L., & Shaikh, J. M. (2013). Economic value added and shareholders' wealth creation: the portrait of a developing Asian country. *International Journal of Managerial and Financial Accounting*, *5*(2), 107-137.
- 134. Asif, M. K., Junaid, M. S., Hock, O. Y., & Md Rafiqul, I. (2016). Solution of adapting creative accounting practices: an in depth perception gap analysis among accountants and auditors of listed companies. *Australian Academy of Accounting and Finance Review*, 2(2), 166-188.
- 135. Alappatt, M., & Shaikh, J. M. (2014). Forthcoming procedure of goods and service tax (GST) in Malaysia. *Issues in Business Management and Economics*, 2(12), 210-213.
- 136. Bhasin, M., & Shaikh, J. M. (2011). Intellectual capital disclosures in the annual reports: a comparative study of the Indian and Australian IT-corporations. *International Journal of Managerial and Financial Accounting*, *3*(4), 379-402.
- 137. Onosakponome, O. F., Rani, N. S. A., & Shaikh, J. M. (2011). Cost benefit analysis of procurement systems and the performance of construction projects in East Malaysia. *Information management and business review*, 2(5), 181-192.
- 138. Yaseen, A. (2020). UNCOVERING EVIDENCE OF ATTACKER BEHAVIOR ON THE NETWORK. ResearchBerg Review of Science and Technology, 3(1), 131-154.
- 139. Yaseen, A. (2022). SUCCESSFUL DEPLOYMENT OF SECURE INTELLIGENT CONNECTIVITY FOR LAN AND WLAN. *Journal of Intelligent Connectivity and Emerging Technologies*, 7(4), 1-22.
- 140. Yaseen, A. (2024). Enhancing Cybersecurity through Automated Infrastructure Management: A Comprehensive Study on Optimizing Security Measures. *Quarterly Journal of Emerging Technologies and Innovations*, *9*(1), 38-60.
- 141. Yaseen, A. (2023). The Role of Machine Learning in Network Anomaly Detection for Cybersecurity. Sage Science Review of Applied Machine Learning, 6(8), 16-34.
- 142. Yaseen, A. (2023). AI-DRIVEN THREAT DETECTION AND RESPONSE: A PARADIGM SHIFT IN CYBERSECURITY. *International Journal of Information and Cybersecurity*, 7(12), 25-43.
- 143. Yaseen, A. (2022). ACCELERATING THE SOC: ACHIEVE GREATER EFFICIENCY WITH AI-DRIVEN AUTOMATION. *International Journal of Responsible Artificial Intelligence*, 12(1), 1-19.
- 144. Yaseen, A. (2023). THE UNFORESEEN DUET: WHEN SUPERCOMPUTING AND AI IMPROVISE THE FUTURE. *Eigenpub Review of Science and Technology*, 7(1), 306-335.

- 145. Yaseen, A. (2021). REDUCING INDUSTRIAL RISK WITH AI AND AUTOMATION. *International Journal of Intelligent Automation and Computing*, 4(1), 60-80.
- 146. Asif, M. K., Junaid, M. S., Hock, O. Y., & Md Rafiqul, I. (2016). Creative Accounting: Techniques of Application-An Empirical Study among Auditors and Accountants of Listed Companies in Bangladesh. *Australian Academy of Accounting and Finance Review* (AAAFR), 2(3).
- 147. Sylvester, D. C., Rani, N. S. A., & Shaikh, J. M. (2011). Comparison between oil and gas companies and contractors against cost, time, quality and scope for project success in Miri, Sarawak, Malaysia. *African Journal of Business Management*, 5(11), 4337.
- 148. Abdullah, A., Khadaroo, I., & Shaikh, J. M. (2008). A'macro'analysis of the use of XBRL. *International Journal of Managerial and Financial Accounting*, 1(2), 213-223.
- 149. Kangwa, D., Mwale, J. T., & Shaikh, J. M. (2021). The social production of financial inclusion of generation Z in digital banking ecosystems. *Australasian Accounting, Business and Finance Journal*, *15*(3), 95-118.
- 150. Khadaroo, M. I., & Shaikh, J. M. (2003). Toward research and development costs harmonization. *The CPA Journal*, *73*(9), 50.
- 151. Jais, M., Jakpar, S., Doris, T. K. P., & Shaikh, J. M. (2012). The financial ratio usage towards predicting stock returns in Malaysia. *International Journal of Managerial and Financial Accounting*, *4*(4), 377-401.
- 152. Shaikh, J. M., & Jakpar, S. (2007). Dispelling and construction of social accounting in view of social audit. *Information Systems Control Journal*, 2(6).
- 153. Jakpar, S., Shaikh, J. M., Tinggi, M., & Jamali, N. A. L. (2012). Factors influencing entrepreneurship in small and medium enterprises (SMEs) among residents in Sarawak Malaysia. *International Journal of Entrepreneurship and Small Business*, *16*(1), 83-101.
- 154. Sheng, Y. T., Rani, N. S. A., & Shaikh, J. M. (2011). Impact of SMEs character in the loan approval stage. *Business and Economics Research*, *1*, 229-233.
- 155. Boubaker, S., Mefteh, S., & Shaikh, J. M. (2010). Does ownership structure matter in explaining derivatives' use policy in French listed firms. *International Journal of Managerial and Financial Accounting*, 2(2), 196-212.
- 156. Hla, D. T., bin Md Isa, A. H., & Shaikh, J. M. (2013). IFRS compliance and nonfinancial information in annual reports of Malaysian firms. *IUP Journal of Accounting Research & Audit Practices*, 12(4), 7.
- 157. Shaikh, J. M., Khadaroo, I., & Jasmon, A. (2003). *Contemporary Accounting Issues (for BAcc. Students)*. Prentice Hall.

- 158. SHAMIL, M. M., SHAIKH, J. M., HO, P., & KRISHNAN, A. (2022). External Pressures, Managerial Motive and Corporate Sustainability Strategy: Evidence from a Developing Economy. *Asian Journal of Accounting & Governance*, 18.
- 159. Kadir, S., & Shaikh, J. M. (2023, January). The effects of e-commerce businesses to small-medium enterprises: Media techniques and technology. In *AIP Conference Proceedings* (Vol. 2643, No. 1). AIP Publishing.
- 160. Ali Ahmed, H. J., Lee, T. L., & Shaikh, J. M. (2011). An investigation on asset allocation and performance measurement for unit trust funds in Malaysia using multifactor model: a post crisis period analysis. *International Journal of Managerial and Financial Accounting*, 3(1), 22-31.
- 161. Shaikh, J. M., & Linh, D. T. B. (2017). Using the TFP Model to Determine Impacts of Stock Market Listing on Corporate Performance of Agri-Foods Companies in Vietnam. *Journal of Corporate Accounting & Finance*, 28(3), 61-74.
- 162. Jakpar, S., Othman, M. A., & Shaikh, J. (2008). The Prospects of Islamic Banking and Finance: Lessons from the 1997 Banking Crisis in Malaysia. 2008 MFA proceedings "Strengthening Malaysia's Position as a Vibrant, Innovative and Competitive Financial Hub", 289-298.
- 163. Ghelani, D., Hua, T. K., & Koduru, S. K. R. (2022). A Model-Driven Approach for Online Banking Application Using AngularJS Framework. *American Journal of Information Science and Technology*, 6(3), 52-63.
- 164. Ghelani, D. (2022). Cyber security, cyber threats, implications and future perspectives: A Review. *Authorea Preprints*.
- 165. Ghelani, D., Hua, T. K., & Koduru, S. K. R. (2022). Cyber Security Threats, Vulnerabilities, and Security Solutions Models in Banking. *Authorea Preprints*.
- 166. Ghelani, D., Hua, T. K., & Koduru, S. K. R. (2022). Cyber Security Threats, Vulnerabilities, and Security Solutions Models in Banking. *Authorea Preprints*.
- 167. Ghelani, D. (2022). What is Non-fungible token (NFT)? A short discussion about NFT Terms used in NFT. *Authorea Preprints*.
- 168. Ghelani, D. (2022). Cyber Security in Smart Grids, Threats, and Possible Solutions. *Authorea Preprints*.
- 169. Ghelani, D., & Hua, T. K. (2022). A Perspective Review on Online Food Shop Management System and Impacts on Business. Advances in Wireless Communications and Networks, 8(1), 7-14.

- 170. Ghelani, D. (2022). LITERATURE REVIEW ON Coordinated Control of Interconnected Microgrid and Energy Storage System Dipteben Ghelani.
- 171. Ghelani, D. (2022). Complex Business Intelligence Queries in Natural Language.
- 172. Ghelani, D. (2023). A PERSPECTIVE STUDY OF NATURAL LANGUAGE PROCESSING IN THE BUSINESS INTELLIGENCE. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 7(1), 20-36.
- 173. Ghelani, D. (2022). EXPLAINABLE AI: APPROACHES TO MAKE MACHINE LEARNING MODELS MORE TRANSPARENT AND UNDERSTANDABLE FOR HUMANS. *INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY*, 6(4), 45-53.
- 174. Ghelani, D., & Hua, T. K. Conceptual Framework of Web 3.0 and Impact on Marketing, Artificial Intelligence, and Blockchain.
- 175. Shah, V. (2024). Next-Generation Space Exploration: AI-Enhanced Autonomous Navigation Systems. *Journal Environmental Sciences And Technology*, *3*(1), 47-64.