

The Use of Information Technology in Improving the Recruitment and Selection Process of Human Resources

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ABSTRACT

The effective management of human resources is a critical factor in the achievement of organizational success. The recruitment and selection of competent personnel is a crucial aspect of human resource management. The objective of this research is to conduct a comprehensive analysis of the effects of information technology implementation on enhancing the recruitment and selection procedures of human resources. It is anticipated that the outcomes of this investigation will yield a more profound comprehension of the utilization of information technology in enhancing the process of recruiting and selecting personnel resources. The primary emphasis of this research is on qualitative analysis. Data collection methods involve meticulous observation and recording of data, followed by the application of analytical techniques such as data reduction, visualization, and inference to derive insights. The study's findings indicate that the incorporation of information technology in the recruitment and selection procedures of human resources has yielded several noteworthy and beneficial outcomes. The implementation of this measure has resulted in enhanced recruitment process efficiency, accuracy, and effectiveness, alongside a reduction in administrative expenses and time consumption.

Keyword: IT, Recruitment and Selection, HR

INTRODUCTION

The effective management of human resources is a critical factor in the achievement of organizational success (Gadzali et al., 2023). The recruitment and selection of competent personnel is a crucial aspect of human resource management (Indayanti et al., 2022). Historically, this procedure entails manual procedures such as disseminating job postings, physically gathering applications, and manually evaluating potential candidates. In light of the swift progression of information technology, numerous organizations have begun to adopt its utilization to enhance and expedite the process of human resource recruitment and selection (Ensher et al., 2002). Numerous applications and platforms have been created to leverage technological innovations, including databases, data analytics, and artificial intelligence, in order to automate and enhance process efficiency.

The utilization of information technology in the recruitment and selection process of human resources offers numerous noteworthy advantages (Chapman & Webster, 2003). Initially, the utilization of information technology has the potential to enhance the accessibility of information for individuals seeking employment (Harahap, Kraugusteeliana, et al., 2023). The advent of online recruitment platforms has facilitated the process of job searching for individuals, enabling them to efficiently explore job opportunities that align with their credentials and electronically submit applications, thereby eliminating the need for physical application submissions and associated expenses.

Furthermore, the utilization of information technology has the potential to enhance the efficacy of the selection procedure (Sutrisno et al., 2023). By implementing an online application management system, organizations can streamline the process of evaluating applications through the use of predetermined standards (Prasetyo et al., 2023). Automating the evaluation process can potentially reduce the time and effort expended by the recruitment team in manually assessing individual applications. Moreover, by utilizing data analysis and artificial intelligence, organizations can conduct more impartial evaluations of potential candidates, grounded in gathered data and factual evidence. Moreover, the utilization of information technology has the potential to enhance the candidate's experience and foster a favorable perception of the organization (Harahap, Ausat, et al., 2023). In the contemporary digital age, organizations that employ advanced information technology during the recruitment and selection phase are likely to create a favorable and contemporary impression on potential candidates. This has the potential to enhance the organization's attractiveness to technologically proficient and younger individuals seeking employment opportunities.

Notwithstanding the numerous advantages associated with the utilization of information technology in the recruitment and selection process of human resources, there exist certain obstacles that require resolution. Prominent obstacles encompass the safeguarding of candidates' confidential information, the sufficiency of technological framework, and the digital disparity between corporations and prospective candidates.

The present study endeavors to delve into the effects of information technology employment on enhancing the recruitment and selection procedures of human resources, building upon the aforementioned context. The anticipated outcome of this research is to enhance comprehension regarding the utilization of information technology in enhancing the process of recruiting and selecting human resources. The research outcomes may offer valuable perspectives for corporations to enhance their utilization of information technology in their human resource management. Furthermore, this study has the potential to offer valuable insights for future advancements in this domain, while also enhancing the current body of literature pertaining to the utilization of information technology within the realm of human resource management.

LITERATURE REVIEW

Information Technology

The term Information Technology (IT) pertains to the utilization of electronic systems, including computers, software, hardware, networks, and other related technologies, for the purpose of gathering, storing, transmitting, managing, and processing information (Harahap, Sutrisno, et al., 2023). The field in question encompasses a wide range of topics, including computer applications, software development, database management, computer networking, technology infrastructure, information security, and other related aspects of technology. The field of Information Technology encompasses all aspects pertaining to the utilization of technology within the realm of information and communication (Sudirjo et al., 2023). The aforementioned encompasses a range of physical components, namely computers, servers, mobile devices, computer networks, storage devices, and other similar devices. Software is a crucial constituent of Information Technology (IT) and encompasses a wide range of applications such as operating systems, business software, word processing tools, databases, data analysis software, and other related software.

The utilization of Information Technology is of significant importance across diverse industries and sectors, such as business, education, government, healthcare, entertainment, and communications (Kraugusteeliana et al., 2022). Information technology (IT) plays a crucial role in various aspects of business operations, including but not limited to data management, business process automation, data analysis, internal and external communication, product development, marketing, and customer service. Furthermore, Information Technology (IT) facilitates cooperation among individuals and collectives via communication mechanisms such as electronic mail, instant messaging, video conferencing, and web-based collaboration platforms (Subagia, 2023). The Internet, a significant component of Information Technology, has revolutionized the modes of

communication, information acquisition, commerce, employment, and engagement with the global community (Ausat, 2023). In the realm of information technology, safeguarding confidential information, thwarting unauthorized entry, and mitigating security risks such as cyber assaults and identity fraud have emerged as indispensable components of information security.

In general, the field of Information Technology encompasses the application of electronic technology and computers to facilitate the processing, storage, and management of information. In contemporary society, characterized by widespread digital connectivity, information technology (IT) has become an indispensable component of nearly all facets of human existence.

Recruitment and Selection

Recruitment and selection refer to the systematic procedures employed by organizations to identify and appoint suitable candidates for vacant job positions (Karim et al., 2021). The aforementioned procedure constitutes a crucial aspect of human resource management, with the objective of identifying potential candidates whose credentials, competencies, professional background and proficiencies align with the requirements of the organization (Muhamad et al., 2023). The initial stage of the employment process involves recruitment, which entails the exploration of potential candidates by organizations. Recruitment encompasses a range of activities, including the dissemination of job advertisements, organization of career fairs, exploration of candidate databases, and utilization of social media and corporate websites to connect with prospective candidates. The process of recruitment can be carried out through internal or external means (Hamza et al., 2021). Internal recruitment involves the consideration of existing employees for promotion or transfer, while external recruitment involves seeking potential candidates from outside the organization.

Following the recruitment phase, the subsequent stage involves the process of selection. The process of selection entails evaluating and contrasting potential candidates with the aim of ascertaining the most suitable individual for the given job vacancy. Organizations employ diverse techniques and instruments to execute the process of selection, such as interviews, assessments of knowledge or skills, psychological evaluations, verification of references, and evaluations of past performance. The primary objective of the selection process is to ascertain that the chosen candidate possesses the necessary competencies and attributes that align with the job specifications, corporate ethos, and enduring objectives of the enterprise (Ausat & Peirisal, 2021). In the context of recruitment and selection, it is crucial to guarantee that the process adheres to principles of impartiality, clarity, and non-discrimination. It is imperative for organizations to adhere to relevant labor legislations and enlist the services of proficient human resources personnel to execute the procedure with meticulousness. The success of an organization is contingent upon the implementation of efficient and focused recruitment and selection processes. Organizations can enhance their productivity, performance, and innovation by recruiting employees who align with their requirements and culture.

Human Resources

The acronym HR denotes the department of Human Resources. The term pertains to the personnel who are employed within an organization and are deemed valuable assets in the attainment of the organization's objectives (Rustiawan, Gadzali, et al., 2023). Human Resources (HR) encompasses the entirety of an organization's workforce, comprising individuals from various hierarchical levels and diverse departments or divisions (Ausat, Widayani, et al., 2022). Human resources management encompasses not only the quantitative aspect of an organization's workforce, but also the qualitative factors such as the expertise, knowledge, skills, experience, attitudes, and potential of its personnel. The Human Resources (HR) department is involved in various organizational functions such as task execution, decision-making, innovation, product or service development, and fostering a conducive and efficient work environment (Diawati et al., 2023).

Human Resource Management (HRM) is a field of study that concentrates on the management of various employee-related aspects within an organization (Kamar et al., 2022). The domain of human resource management encompasses a range of activities, including but not limited

to recruitment, selection, training and development, performance appraisal, compensation, performance management, talent management, and change management. The objective of personnel management is to guarantee that the enterprise possesses appropriately skilled and motivated personnel who can facilitate the realization of the enterprise's vision and strategic objectives.

Human resource management encompasses various aspects such as safeguarding employee well-being, fostering a conducive work environment, advocating equity and inclusivity, and adhering to relevant labor laws (Wikansari et al., 2023). This entails cultivating positive professional relationships between the managerial staff and the workforce, while also enabling efficient intra-organizational communication. It is imperative to comprehend that human resource (HR) is not solely a mere "resource" that can be harnessed by the organisation, but rather an entity with its own set of requirements, ambitions, and untapped capabilities that can be honed and cultivated. By implementing effective strategies for managing personnel, companies can optimize the potential of their workforce, establish a competitive edge, and attain sustained prosperity.

RESEARCH METHOD

The study did not entail the acquisition of firsthand information through comprehensive fieldwork. The researchers opted to employ secondary sources and perform laboratory analyses instead. The investigators consulted multiple sources to carry out the inquiry with efficiency. The retrieval of pertinent sources related to the presented topic was accomplished by conducting keyword searches on digital media and scientific databases. The topic under discussion pertained to the utilization of information technology for enhancing human resources recruitment and selection procedures. The researchers employed a flexible search methodology, enabling them to access a broader range of physical and digital resources to acquire the necessary data. The time savings that ensued were advantageous to our organization. The assertions put forth are buttressed by scholarly sources and repositories, such as ResearchGate, Elsevier, and Emerald Insight. The primary objective of this study is to investigate the utilization of information technology in enhancing the human resources recruitment and selection procedures. The author utilizes keyword emphasis as a means of constraining the extent of the discussion and guaranteeing coherence in the presented arguments. In order to attain this objective, qualifying terminologies were employed. The primary focus of this study centers on academic literature, specifically scholarly publications such as journal articles and essays published subsequent to the year 2017. The search was carried out by utilizing precise keywords to explore diverse online databases. It is noteworthy that the study's scope was restricted to articles, journals, and publications that were considered pertinent to the topic of enhancing HR recruitment and selection processes through the utilization of information technology. The application of exclusion criteria was implemented to remove papers, journals, and magazines that were deemed irrelevant to the subject matter. Overall, the 40 references cited in this article provide extensive coverage of the topic at hand.

Qualitative research best describes the present investigation. Active listening and careful documentation of all relevant data were just two of the many approaches used during the data collection process. In order to conduct a thorough study, we used the aforementioned methods of data reduction, data presentation, and conclusion formulation. The fundamental purpose of our research was to deepen our familiarity with the aforementioned literature. In order to derive useful insights and provide substantial outcomes, it is necessary to reduce the amount of data that has been acquired through a process of methodical organisation, categorization, and purification. Due to the heterogeneous nature of the data, analysis has to be done throughout the reduction process. During this stage, we were primarily concerned with maximising our chances of success by focusing on the most crucial aspects of the data. In the beginning, fifty different resources were compiled. The initial procedure produced a 40-unit discrepancy in the quantitative measure. In addition, visual aids like graphs and charts will be used to explain the information. The next step in the data reduction process is to systematically organise the dataset into a structured format for the sake of greater comprehension and faster inference. These days, field notes, which can be seen as a kind of written communication, are regularly used to disseminate information far and wide. Data

classification and organisation can be enhanced when this type of data representation is put into practise inside relational frameworks. Concluding the investigation requires making reasonable judgements from the available evidence. As a result of taking the aforementioned steps, a systematic approach to analysing qualitative data has been developed. After the data was streamlined and presented, a thorough analysis was conducted to check for consistency with the study's goals. During this stage, you will analyse your data in an effort to find meaningful correlations or differences that might be used to address pressing issues. The reliability of the findings gleaned from these sources is generally accepted. This project's goal is to amass reliable information that will aid in decision-making.

RESULTS AND DISCUSSION

In contemporary times, the ubiquitous presence of information technology has rendered it an indispensable component of nearly all domains of human activity, encompassing the realms of commerce and the management of personnel resources. The utilization of information technology holds a substantial influence in the recruitment and selection process of human resources. The present briefing aims to examine the impact of information technology on the HR recruitment and selection process, specifically in terms of enhancing its efficiency, accuracy, and effectiveness.

1. *Online Job Announcements:* Historically, employment opportunities were exclusively advertised via traditional print media outlets such as newspapers and magazines. The emergence of information technology has enabled companies to effectively and extensively advertise job vacancies through their own corporate websites or online recruitment platforms (Banerjee & Gupta, 2019). This facilitates corporations to expand their outreach to a broader pool of potential candidates, encompassing both domestic and global demographics.
2. *Online Registration:* The utilization of information technology enables potential candidates to electronically submit their applications via corporate websites or online recruitment platforms (Chen, 2023). The elimination of physical submission of cover letters or delivery by post results in expedited processing and decreased administrative expenses.
3. *Use of Applicant Database:* By utilizing an applicant tracking system, corporations have the ability to electronically store and manage data pertaining to job applicants (Okolie & Irabor, 2017). The aforementioned database facilitates the process for companies to conduct a thorough search and filtration of potential candidates by predetermined criteria, such as educational background, work history, and skill set. This facilitates the process of candidate selection for companies by enabling them to identify individuals who most closely align with the job prerequisites.
4. *Automated Pre-Selection:* The utilization of information technology enables organizations to perform automated pre-selection procedures through the utilization of specifically crafted algorithms and software (Touriano et al., 2023). The pre-selection process involves an automated screening of candidates using predetermined criteria, such as identifying specific keywords in a resume or evaluating responses provided in an online questionnaire. This facilitates the optimization of the preliminary screening procedure and minimizes the duration required for the human resources department to manually assess every submission.
5. *Online Tests:* During the recruitment and selection process, it is common for companies to administer assessments aimed at evaluating the abilities and competencies of potential candidates (Ausat, 2022). The utilization of information technology enables the facilitation of streamlined online assessments that can be conveniently accessed from any location. Online assessments may encompass cognitive evaluations, assessments of technical proficiencies, or virtual video interviews. The outcomes of these assessments can be assessed and communicated to the Human Resources department through an automated process.
6. *Video Interviews and Teleconferencing:* The advent of information technology has revolutionized the approach of companies towards conducting interviews with prospective candidates (Verhoef et al., 2021). Organizations have the option to employ video interviews and teleconferencing as a substitute for in-person interviews, which necessitate the physical

presence of both candidates and interviewers (Ausat, Suherlan, et al., 2022). This facilitates the ability of organizations to carry out virtual interviews with prospective candidates situated in disparate geographical regions. The utilization of video conferencing technology, such as Zoom, Skype, or comparable platforms, facilitates real-time interaction between the interviewee and interviewer, thereby enabling prompt assessment of the candidate's verbal and nonverbal communication.

7. *Reference and Background Verification*: The verification of references and backgrounds of prospective candidates is a crucial aspect of the human resources selection process. By leveraging information technology, organizations have the ability to utilize third-party services or online platforms that offer applicant background verification services (Dwivedi et al., 2022). The process involves verifying the candidate's work experience, academic qualifications, and any past involvement with the law or legal proceedings. By implementing an electronic system, the process of verification can be expedited and streamlined, resulting in enhanced efficiency and decreased likelihood of human fallibility.
8. *Data Analysis and Performance Prediction*: The utilization of information technology enables organizations to perform comprehensive data analysis pertaining to the recruitment and selection procedures. The analysis of data pertaining to both successful and unsuccessful job applicants can facilitate the identification of patterns and factors that exert an influence on the performance of future employees (Salamah, 2023); (Rustiawan, Ausat, et al., 2023); (Hermansyah, 2023) and (Vionika, 2023). By utilizing algorithms and analytical techniques, corporations are able to forecast the potential performance of prospective candidates through the analysis of pertinent historical data. This facilitates organizations in making precise and well-informed judgments concerning the process of hiring and choosing candidates.
9. *Use of Artificial Intelligence Technology*: The utilization of artificial intelligence (AI) technology is progressively becoming more prevalent in human resources (HR) recruitment and selection procedures. Artificial intelligence has the capability to facilitate intricate data analyses, execute algorithms for the purpose of selecting and evaluating applicants, and offer suggestions based on predetermined patterns and criteria (Subagja et al., 2023). Artificial intelligence has the potential to be utilized in various applications such as personality assessments, interview analysis, and competency evaluations through the use of chatbots. The utilization of artificial intelligence technology has the potential to enhance the efficiency and precision of the recruitment and selection procedure (Ore & Sposato, 2022).

In general, the utilization of information technology within the human resources recruitment and selection process has yielded numerous advantages for organizations. The utilization of this technology enhances the efficacy, precision, and potency of the recruitment procedure, thereby enabling organizations to identify candidates that align more suitably with their requirements. Moreover, the implementation of information technology aids in diminishing administrative expenses and streamlining the recruitment and selection procedure. The implementation of information technology enables corporations to curtail expenses associated with printing and mailing, as well as diminish the necessity for physical document storage (Haleem et al., 2022).

Moreover, the utilization of information technology enables organizations to conduct recruitment and selection procedures in a quantifiable and lucid fashion. The HR team can readily access and assess applicant data, thereby ensuring that decisions are grounded on impartial data and information. The implementation of automated selection processes mitigates potential subjective biases that may arise in manual selection procedures (Goddard et al., 2012).

Moreover, the utilization of information technology not only yields internal advantages for the organization but also offers benefits for potential candidates. Individuals can conveniently and expeditiously obtain details regarding employment opportunities and apply for them via online platforms, thereby eliminating the need to send traditional hard-copy application letters. The utilization of technology enables potential candidates to participate in selection processes from a remote location, thereby diminishing expenses associated with travel and minimizing the duration required for attending interviews or assessments (Ausat, Al Bana, et al., 2023).

Nevertheless, the implementation of information technology in the process of human resources recruitment and selection poses certain difficulties. One of the primary obstacles pertains to the matter of safeguarding data privacy and security. It is imperative for corporations to guarantee the security and safeguarding of applicant data obtained and retained via information technology systems, thereby preventing unauthorized access. It is imperative to implement stringent privacy and data security policies in order to safeguard the rights and interests of applicants.

Furthermore, there exists a potential for discriminatory biases within the algorithms or software employed in the automated selection procedure. The integration of AI technology and algorithms in the process of selection has the potential to perpetuate pre-existing biases or lead to inadvertent discriminatory outcomes (Ausat, Azzaakiyyah, et al., 2023). Hence, it is imperative for organizations to undertake meticulous surveillance and experimentation of the algorithms employed, and guarantee that the automated selection mechanism does not overlook the principles of diversity and inclusivity.

Ultimately, the utilization of information technology within the realm of human resources recruitment and selection has yielded numerous advantages with respect to streamlined operations, precision, and efficacy. The utilization of aforementioned technologies facilitates organizations to expand their reach towards a broader pool of potential candidates, enhance their management of applicant information, conduct automated preliminary screening, and elevate their data analysis and performance forecasting capabilities. Notwithstanding, it is imperative to tackle issues pertaining to data privacy and discriminatory inclinations through the implementation of appropriate policies and rigorous oversight. In the current digital era, effective utilization of information technology can significantly enhance human resource recruitment and selection processes, provided that a sound strategy is in place.

CONCLUSION

The utilization of information technology in the recruitment and selection process of human resources has resulted in notable and favorable transformations. The recruitment process has experienced enhancements in efficiency, accuracy, and effectiveness, alongside a reduction in administrative costs and time investment. The utilization of information technology confers advantages to potential candidates by facilitating their access to job vacancy information and enabling them to submit applications electronically. Notwithstanding, it is imperative to tackle the obstacles associated with data privacy and the potential for discrimination through the implementation of suitable policies and rigorous oversight.

In view of all the above, this study arrives at a suggestion that can be useful for parties related to the topic discussed including:

- a) **Maintain information technology sustainability:** It is imperative for companies to stay updated with the advancements in information technology and guarantee that their infrastructure and systems are up-to-date and effective. This enables the organization to persist in leveraging technological advancements in the human resources recruitment and selection procedure.
- b) **Consider human needs:** Although information technology offers numerous benefits, it is crucial to bear in mind the human elements of the recruitment and selection process. Sustaining equilibrium between technological advancements and compassionate human interaction, while making decisions based on a comprehensive comprehension of prospective candidates, is crucial.
- c) **Pay attention to data security and privacy:** When gathering and retaining candidate information, corporations must guarantee the protection and confidentiality of the data. Ensuring strict privacy policies and sufficient data protection measures are imperative when implementing information technology in the recruitment and selection process.
- d) **Conduct rigorous evaluation and supervision:** It is imperative for organizations to conduct periodic assessments of the efficacy and efficiency of information technology implementation in the recruitment and selection procedures. It is imperative to implement rigorous supervision of algorithms and software to guarantee the absence of inadvertent partiality or discrimination.

- e) Develop training and understanding of technology: It is imperative that the human resources team and associated personnel receive sufficient training and comprehension regarding the utilization of information technology in the context of recruitment and selection. This will assist them in maximizing the utilization of technology and surmounting any potential obstacles that may arise.

By adhering to these recommendations, organizations can proficiently leverage information technology to enhance the human resources recruitment and selection procedure. Therefore, organizations have the ability to identify potential employees who are more aligned with their requirements, while also safeguarding sensitive information and preventing inadvertent bias.

REFERENCES

- Ausat, A. M. A. (2022). Positive Impact of The Covid-19 Pandemic on The World of Education. *Jurnal Pendidikan*, 23(2), 107–117. <https://doi.org/10.33830/JP.V23I2.3048.2022>
- Ausat, A. M. A. (2023). The Application of Technology in the Age of Covid-19 and Its Effects on Performance. *Apollo: Journal of Tourism and Business*, 1(1), 14–22. <https://doi.org/10.58905/apollo.v1i1.8>
- Ausat, A. M. A., Al Bana, T., & Gadzali, S. S. (2023). Basic Capital of Creative Economy: The Role of Intellectual, Social, Cultural, and Institutional Capital. *Apollo: Journal of Tourism and Business*, 1(2), 42–54. <https://doi.org/10.58905/apollo.v1i2.21>
- Ausat, A. M. A., Azzaakiyyah, H. K., Permana, R. M., Riady, Y., & Suherlan, S. (2023). The Role of ChatGPT in Enabling MSMEs to Compete in the Digital Age. *Innovative: Journal Of Social Science Research*, 3(2), 622–631. <https://doi.org/https://doi.org/10.31004/innovative.v3i2.346>
- Ausat, A. M. A., & Peirisal, T. (2021). Determinants of E-commerce Adoption on Business Performance : A Study of MSMEs in Malang City , Indonesia. *Journal On Optimizations Of Systems At Industries*, 20(2), 104–114. <https://doi.org/10.25077/josi.v20.n2.p104-114.2021>
- Ausat, A. M. A., Suherlan, S., Peirisal, T., & Hirawan, Z. (2022). The Effect of Transformational Leadership on Organizational Commitment and Work Performance. *Journal of Leadership in Organizations*, 4(4), 61–82. <https://doi.org/10.22146/jlo.71846>
- Ausat, A. M. A., Widayani, A., Rachmawati, I., Latifah, N., & Suherlan, S. (2022). The Effect of Intellectual Capital and Innovative Work Behavior on Business Performance. *Journal of Economics, Business, & Accountancy Ventura*, 24(3), 363–378. <https://doi.org/10.14414/jebav.v24i3.2809>
- Banerjee, P., & Gupta, R. (2019). Talent Attraction through Online Recruitment Websites: Application of Web 2.0 Technologies. *Australasian Journal of Information Systems*, 23, 1–23. <https://doi.org/10.3127/ajis.v23i0.1762>
- Chapman, D. S., & Webster, J. (2003). The Use of Technologies in the Recruiting, Screening, and Selection Processes for Job Candidates. *International Journal of Selection and Assessment*, 11(2–3), 113–120. <https://doi.org/10.1111/1468-2389.00234>
- Chen, Z. (2023). Collaboration among recruiters and artificial intelligence: removing human prejudices in employment. *Cognition, Technology & Work*, 25(1), 135–149. <https://doi.org/10.1007/s10111-022-00716-0>
- Diawati, P., Gadzali, S. S., Mahardhani, A. J., Irawan, B., & Ausat, A. M. A. (2023). Analysing the Dynamics of Human Innovation in Administration. *Jurnal Ekonomi*, 12(02), 537–540. <https://ejournal.seaninstitute.or.id/index.php/Ekonomi/article/view/1652>
- Dwivedi, Y. K., Hughes, L., Baabdullah, A. M., Ribeiro-Navarrete, S., Giannakis, M., Al-Debei, M. M., Dennehy, D., Metri, B., Buhalis, D., Cheung, C. M. K., Conboy, K., Doyle, R., Dubey, R., Dutot, V., Felix, R., Goyal, D. P., Gustafsson, A., Hinsch, C., Jebabli, I., ... Wamba, S. F. (2022). Metaverse beyond the hype: Multidisciplinary perspectives on emerging challenges, opportunities, and agenda for research, practice and policy. *International Journal of Information Management*, 66, 102542. <https://doi.org/10.1016/j.ijinfomgt.2022.102542>

- Ensher, E. A., Nielson, T. R., & Grant-Vallone, E. (2002). Tales from the Hiring Line: Effects of the Internet and Technology on HR Processes. *Organizational Dynamics*, 31(3), 224–244. [https://doi.org/10.1016/S0090-2616\(02\)00111-0](https://doi.org/10.1016/S0090-2616(02)00111-0)
- Gadzali, S. S., Gazalin, J., Sutrisno, S., Prasetya, Y. B., & Ausat, A. M. A. (2023). Human Resource Management Strategy in Organisational Digital Transformation. *Jurnal Minfo Polgan*, 12(2), 760–770. <https://doi.org/https://doi.org/10.33395/jmp.v12i2.12508>
- Goddard, K., Roudsari, A., & Wyatt, J. C. (2012). Automation bias: a systematic review of frequency, effect mediators, and mitigators. *Journal of the American Medical Informatics Association*, 19(1), 121–127. <https://doi.org/10.1136/amiajnl-2011-000089>
- Haleem, A., Javaid, M., Qadri, M. A., & Suman, R. (2022). Understanding the role of digital technologies in education: A review. *Sustainable Operations and Computers*, 3, 275–285. <https://doi.org/10.1016/j.susoc.2022.05.004>
- Hamza, P. A., Othman, B. J., Gardi, B., Sorguli, S., Aziz, H. M., Ahmed, S. A., Sabir, B. Y., Ismael, N. B., Ali, B. J., & Anwar, G. (2021). Recruitment and Selection: The Relationship between Recruitment and Selection with Organizational Performance. *International Journal of Engineering, Business and Management*, 5(3), 1–13. <https://doi.org/10.22161/ijebm.5.3.1>
- Harahap, M. A. K., Ausat, A. M. A., Rachman, A., Riady, Y., & Azzaakiyyah, H. K. (2023). Overview of ChatGPT Technology and its Potential in Improving Tourism Information Services. *Jurnal Mininfo Polgan*, 12(2), 424–431. <https://doi.org/10.33395/jmp.v12i2.12416>
- Harahap, M. A. K., Kraugusteeliana, K., Pramono, S. A., Jian, O. Z., & Ausat, A. M. A. (2023). The Role of Information Technology in Improving Urban Governance. *Jurnal Minfo Polgan*, 12(2), 371–379. <https://doi.org/10.33395/jmp.v12i2.12405>
- Harahap, M. A. K., Sutrisno, S., Fauzi, F., Jusman, I. A., & Ausat, A. M. A. (2023). The Impact of Digital Technology on Employee Job Stress: A Business Psychology Review. *Jurnal Pendidikan Tambusai*, 7(1), 3635–3638. <https://jptam.org/index.php/jptam/article/view/5775>
- Hermansyah, A. M. S. (2023). The Effect of Dividend Policy on Corporate Financial Performance. *ADMAN: Journal of Contemporary Administration and Management*, 1(1), 5–8. <https://journal.literasisainsnusantara.com/index.php/adman/article/view/2>
- Indayanti, A. N., Atqiya, A. B., & Badrudin, B. (2022). Education Human Resource Management in the Recruitment of Extraordinary Lecturers. *Munaddhomah: Jurnal Manajemen Pendidikan Islam*, 3(2), 194–202. <https://doi.org/10.31538/munaddhomah.v3i2.262>
- Kamar, K., Lewaherilla, N. C., Ausat, A. M. A., Ukar, K., & Gadzali, S. S. (2022). The Influence of Information Technology and Human Resource Management Capabilities on SMEs Performance. *International Journal of Artificial Intelligence Research*, 6(1.2), 1. <https://doi.org/https://doi.org/10.29099/ijair.v6i1.2.676>
- Karim, Md. M., Bhuiyan, A., Kumer, S., & Nath, D. (2021). Conceptual Framework of Recruitment and Selection Process. *Journal of Business and Social Sciences Research*, 11(20), 18–25. <https://doi.org/DOI:10.18533/ijbsr.v11i02.1415>
- Kraugusteeliana, Surjati, E., Ausat, A. M. A., Pramono, S. A., & Prabu, H. K. (2022). A Literature Review on the Application of Technology During Covid-19 and Its Relationship to Performance. *International Journal Of Artificial Intelligence Research*, 6(1.2), 1. <https://doi.org/https://doi.org/10.29099/ijair.v6i1.2.765>
- Muhamad, L. F., Bakti, R., Febriyantoro, M. T., Kraugusteeliana, & Ausat, A. M. A. (2023). Do Innovative Work Behavior and Organizational Commitment Create Business Performance: A Literature Review. *Community Development Journal: Jurnal Pengabdian Masyarakat*, 4(1), 713–717. <https://doi.org/10.31004/cdj.v4i1.12479>
- Okolie, U. C., & Irabor, I. E. (2017). E-Recruitment: Practices, Opportunities and Challenges . *European Journal of Business and Management*, 9(11), 116–122.
- Ore, O., & Sposato, M. (2022). Opportunities and risks of artificial intelligence in recruitment and selection. *International Journal of Organizational Analysis*, 30(6), 1771–1782. <https://doi.org/10.1108/IJOA-07-2020-2291>
- Prasetyo, H. N., Sarno, R., Wijaya, D. R., Budiraharjo, R., Waspada, I., Sungkono, K. R., & Septiyanto, A. F. (2023). Optimizing Decision Making on Business Processes Using a

- Combination of Process Mining, Job Shop, and Multivariate Resource Clustering. *Applied Computational Intelligence and Soft Computing*, 2023, 1–14. <https://doi.org/10.1155/2023/3392012>
- Rustiawan, I., Ausat, A. M. A., Gadzali, S. S., Suherlan, & Azzaakiyyah, H. K. (2023). Determinants of Employee Dedication to the Company as a Whole. *Community Development Journal: Jurnal Pengabdian Masyarakat*, 4(1), 708–712. <https://doi.org/10.31004/cdj.v4i1.12454>
- Rustiawan, I., Gadzali, S. S., Suharyat, Y., Iswadi, U., & Ausat, A. M. A. (2023). The Strategic Role of Human Resource Management in Achieving Organisational Goals. *Innovative: Journal Of Social Science Research*, 3(2), 632–642. <https://doi.org/https://doi.org/10.31004/innovative.v3i2.345>
- Salamah, S. N. (2023). Financial Management Strategies to Improve Business Performance Author. *ADMAN: Journal of Contemporary Administration and Management*, 1(1), 9–12. <https://journal.literasisainsnusantara.com/index.php/adman/article/view/3>
- Subagja, A. D. (2023). Analysis of Factors Leading to E-commerce Adoption. *Apollo: Journal of Tourism and Business*, 1(1), 1–5. <https://doi.org/10.58905/apollo.v1i1.6>
- Subagja, A. D., Ausat, A. M. A., Sari, A. R., Wanof, M. I., & Suherlan, S. (2023). Improving Customer Service Quality in MSMEs through the Use of ChatGPT. *Jurnal Minfo Polgan*, 12(2), 380–386. <https://doi.org/https://doi.org/10.33395/jmp.v12i2.12407>
- Sudirjo, F., Ausat, A. M. A., Rijal, S., Riady, Y., & Suherlan, S. (2023). ChatGPT: Improving Communication Efficiency and Business Management of MSMEs in the Digital Age. *Innovative: Journal Of Social Science Research*, 3(2), 643–652. <https://doi.org/https://doi.org/10.31004/innovative.v3i2.347>
- Sutrisno, S., Kuraesin, A. D., Siminto, S., Irawansyah, I., & Ausat, A. M. A. (2023). The Role of Information Technology in Driving Innovation and Entrepreneurial Business Growth. *Jurnal Minfo Polgan*, 12(2), 586–597. <https://doi.org/https://doi.org/10.33395/jmp.v12i2.12463>
- Touriano, D., Sutrisno, S., Kuraesin, A. D., Santosa, S., & Ausat, A. M. A. (2023). The Role of Information Technology in Improving the Efficiency and Effectiveness of Talent Management Processes. *Jurnal Minfo Polgan*, 12(2), 539–548. <https://doi.org/https://doi.org/10.33395/jmp.v12i2.12454>
- Verhoef, P. C., Broekhuizen, T., Bart, Y., Bhattacharya, A., Qi Dong, J., Fabian, N., & Haenlein, M. (2021). Digital transformation: A multidisciplinary reflection and research agenda. *Journal of Business Research*, 122, 889–901. <https://doi.org/10.1016/j.jbusres.2019.09.022>
- Vionika, C. (2023). Submission of Guna Bhakti Credit at PT Bank BJB KCP Jalan Cagak Subang. *ADMAN: Journal of Contemporary Administration and Management*, 1(1), 22–25. <https://journal.literasisainsnusantara.com/index.php/adman/article/view/6>
- Wikansari, R., Ausat, A. M. A., Gadzali, S. S., Suherlan, & Azzaakiyyah, H. K. (2023). Understanding the Meaning of Well-Being in the Perspective of Psychological Science: A Literature Review. *Community Development Journal: Jurnal Pengabdian Masyarakat*, 4(1), 702–707. <https://doi.org/10.31004/cdj.v4i1.12455>