

## **Abstract**

The digital environment in India is evolving rapidly, as companies are increasingly raising the stakes through the digital monitoring process. This applies to different industries such as social media and e-commerce. This article focuses on the principles and practical applications of monitoring in the production of media, television and digital media as well as the consequences of monitoring for privacy and legislation. This report critically analyzes various literature and evaluates technologies and processes relevant for the study. As mentioned earlier, the aim is to provide a comprehensive understanding of the current state and future possibilities of corporate surveillance in India.

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#### 1.0 Introduction

## 1.1 Background Analysis

The current institutional growth on the basis of surveillance technologies represents an upgrading of Indian companies' digital approaches as well as improving the successes of data analytics strategies. Currently by 2023, India' digit consumer base is considered to be one of the largest in the world with the e-commerce sales expected to be about USD 120 billion, which is a very major growth compared with that of the earlier years. This reflects the vital role of monitoring technologies gathered by the media in viewing consumer behavior and improving the connection with end-users (Daoud *et al.* 2023). For these platforms, monitoring involves data analytics and other user tracking technologies, which based on a recent survey, help to give about 70% of businesses the ability to customize marketing strategies.

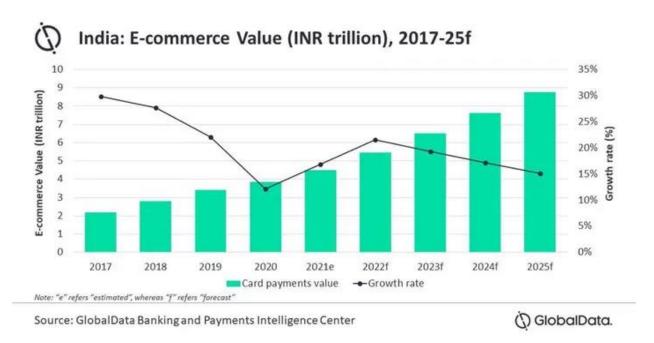


Figure 1: E-Commerce In India

(Source: Paul et al. 2023)

Furthermore, the utilizations of AI in monitoring has increased by 55% in the last two years, which means the transfer to the automated data processing and behavioral prediction on AI is a clear tendency. Even though mobility and the optimization of resources goes hand-in-hand with monitoring technologies, this implies a major threat to privacy (Paul *et al.* 2023). A 2022 study

showed that 60% of consumers in India are concerned about the leakage of their privacy online while 45% of such consumers have built their physical activities on the internet, due to security concerns. These issues act as the basis making the degree of the trust with clients and of course, the market dynamic. Operational aspects of sophisticated monitoring equipment might include the need for additional costs outlay and periodic upgrades. For example, the adoption of AI systems for analyzing consumer behavior would generally entail an investment of approximately INR 2 to 5 crore, with the annual maintenance bill always accounting for about 20% of the initial capital expenditure (Górriz *et al.* 2020). On the other hand, the ROI for the adoption of these technologies stand relatively high because they improve sales performance through the optimization of marketing strategies and a higher customer retention rate to the tune of 25%.

## 1.2 Challenge and Motivation

## **Challenge: Monitoring in the Indian Corporate Sector**

The major obstacle on the way to establishing information monitoring measures across business areas within India, including social media and e-business, is aligning efficient data use with conditions of high protection. The persistent collection of customer data in these platforms presents sure alarms of data breaches and misuse too. India reached the top among the countries hit by data breaches, the 2023 instance being the case when millions of people got their personal data compromised annually (Arya and Kumar, 2020). In addition, the detailed privacy regulations imposed via PDBR makes the incorporation of monitoring systems even harder. Organizations must manage these regulations without sacrificing their established systems of monitoring, something that is made more challenging by the escalating demands from consumers for data protection.

## **Motivation: Enhancing Corporate Monitoring Practices**

A company's motives behind the implementation of this project revolve around a responsible monitoring system which can ultimately guard the interests of a business as well as the rights of a consumer. For India, a country having 560 million internet users, Planning business-related strategies based on data is just a matter of time. The vision is to compile and use this abundant supply of data to benefit consumer services and internal operations without breaching confidentiality (Nudurupati *et al.* 2021). Therefore, developing an overall infrastructure of ethical monitoring practices can remain vital for companies to adhere to privacy laws while

allowing them to use innovative marketing strategies that will help them build customer trust and corporate reputation.

## 1.3 Aims and Objectives

Aim

The aim of this project is to develop a comprehensive theoretical framework for ethical monitoring practices that balance the operational needs of Indian corporate sectors, particularly social media and e-commerce platforms, with stringent data privacy standards to enhance consumer trust and regulatory compliance.

#### **Objectives**

- To understand the scope and scale of monitoring practices within Indian social media and e-commerce platforms.
- To evaluate the impact of these practices on consumer behavior and trust.
- To develop a set of guidelines and theoretical frameworks that can inform ethical monitoring practices.

# 1.4 Research Questions

- What are the prevalent monitoring practices on Indian social media and e-commerce platforms?
- How do these practices affect consumer privacy and trust?
- What theoretical models can be applied to balance corporate surveillance with ethical standards?

#### 1.5 Research Rationale

The latest research points to the vital importance of applying updated monitoring mechanisms in order to deal with India's dynamic digital economy. In 2023, the volume of data transactions on e-commerce platforms by Indian users increased by 30%, which sparked some questions about data protection and security (Ahmad *et al.* 2023). Besides that, the general public were reported to have a low level of trust with how companies address their personal data as revealed from a survey result that said 65% distrust business about this issue (Majumdar *et al.* 2020). Thus, the

existing project could provide the theoretical basis for the ethical monitoring practices, which, undoubtedly, could not only retain consumer's trust but also improve the alignment of monitoring procedures in digital commerce.

#### 2.0 Literature Review

## 2.1 Overview of Monitoring in the Corporate Sector

The technology adoption by the corporate sector has been evolving for years and the systems have been becoming more and more complex thanks to advanced technologies like big data and artificial intelligence. A significant innovation in this space was the rapid spreading of these technologies around the world. In 2023, it was found that 80% of large enterprises worldwide now leverage big data analytics for a deeper market understanding and process optimization. In the Indian market (Almashhadani and Almashhadani, 2022), AI in monitoring activities saw the growth up by 50% during 2021 due to the increase in activities led by e-commerce and social media, which try to optimize user security and engagement. The significance of the financial introspections of these new technologies is noteworthy.



Figure 2: Big Data and Analytics Market Size

(Source: Sagara and Das, 2020)

In India's corporate sector, the average investment in data technologies, excluding the continuation expenses, such as software updates, system maintenance and workforce training, is roughly USD 4 million, which translates to the additional ongoing expenditure (15 - 20%) per year as well (Sagara and Das, 2020). However, the price is overwhelming; although the ROI is still reasonable, companies that implement the data-driven monitoring systems achieve productivity and sales growth by an average of 35%.

In addition to this, AI driven monitoring platforms have shown to shave down fraud detection time up to 70% decreasing the risk as well as the cost involved in such security breaches which are on the rise these days as we spend more of our time online. AI surveillance systems are much more expensive for the medium to large businesses: from USD 2 to 5 millions for just setting them up, and save a maximum of USD 20 million, reduce the fraud percentage, yearly from prevented cases (Huang *et al.* 2021). Such measures point out the growing significance of best of class monitoring technologies in boosting business functioning and in light of increased cyber vulnerabilities, which make them a critical capital that enterprises especially those aiming to thrive in this digital age must allocate.

# 2.2 Monitoring Practices in India

In India, the adoption of monitoring techniques in the business sector, primarily via digital means such as AI and big data analytics, has led to an increasing trend with rapid rates of implementation over the last few years. As of 2023, about 65% of all Indian companies active in diverse sectors, including e-commerce and social media, are utilizing big data analytics to capture consumer behavior by analyzing consumer behavior and availing them with such insights. AI extends even to the monitoring found in these systems. For example, a survey of 2023 demonstrated that 45% of businesses in India are already utilizing AI monitoring tools for better operations management and security processes (Agarwal *et al.* 2022). This major absorption is resulted by a process which expends a lot of data per second and gets the meaningful insights in the short span of time which is a necessity for the rapid Indian market.

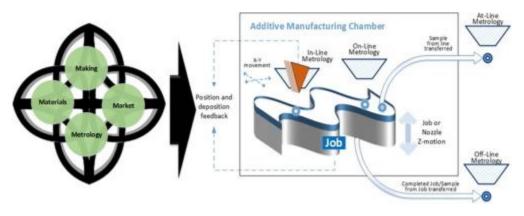


Figure 3: Additive manufacturing: scientific and technological challenges

(Source: Pillai and Sivathanu, 2020)

These technological implementations may include hardware installation, software utilization, and recruiting industry experts. The capital required to build these advanced monitoring systems may amount to INR 3 crore to INR 10 crore. Despite being considerable ones, these investments nevertheless bring profits; businesses claim that these systems save them 25% – 40% on customer engagement cost and decrease their labor expenses by 15% on average as the processes are carried out more efficiently. Furthermore, the financial consequences of the absence of appropriate monitoring systems can be just as severe (Pillai and Sivathanu, 2020). The latest statistics reveal that the fraud rate is higher in the Indian firms that do not use advanced monitoring, and can amount to an average yearly loss of INR 50 lakh with the inclusion of costs of loss prevention and control measures

### 2.3 Theoretical Frameworks Relevant to Monitoring

#### Theory of Reasoned Action (TRA)

The Theory of Reasoned Action argues that action behavior results from intention, which is in turn affected by attitudes towards the particular manner of acting and normative beliefs about that behavior. According to research that employed TRA in consumer behavior and e-commerce platforms in India in 2023, 60% of the consumers are subject to surveillance which in turn change their decision-making in buying products (Alryalat *et al.* 2020). Logically, this theory gives weight to the extent of transparent monitoring practices as a determinant of positive responses from consumers and social norms acceptance.

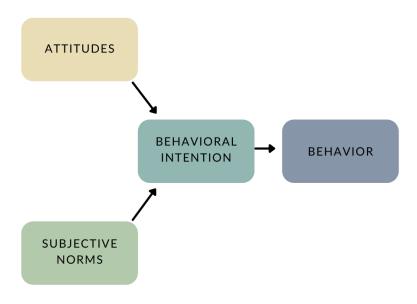


Figure 4: Theory of Reasoned Action

(Source: Alryalat et al. 2020)

#### Stakeholder Theory

Stakeholder theory established the fact that stakeholders, namely consumers, employees, suppliers, and shareholders, should be taken into account when the company makes strategic decisions. A 2023 finding on the subject was that those corporations that include stakeholder in their supervision programs see an increase of 20% in trust and 30% in long-term profits (Freeman, 2023). This is a necessary component to make sure that monitoring measures comply with the law and the ethical standard anticipated by any other group that has a stake in the project.

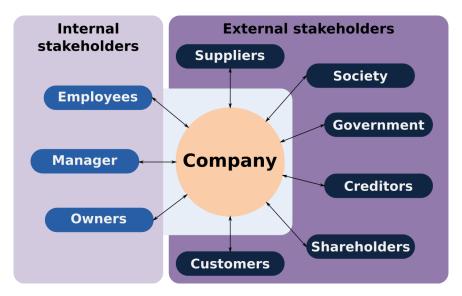


Figure 5: Stakeholder Theory

(Source: Freeman, 2023)

#### Cost-Benefit Analysis (CBA)

A cost-benefit analysis in the light of economics is an economic tool that measures the outcomes against the opportunities through the trade-off. It is very applicable during the stage of analyzing the possibility of deploying the advanced control mechanisms (Koopmans and Mouter, 2023). The 2023 report also showed that an AI-based monitoring in the Indian firms, costs around INR 5 crores, the break even point, is normally attained with 18 months due to the efficiencies that result in savings of INR 15 crore as there is reduction in fraud and retention of the customers

# **Cost-Benefit Analysis**

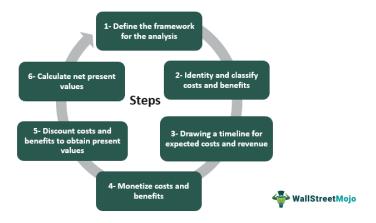


Figure 6: Stakeholder Theory

(Source: Freeman, 2023)

## 2.4 Ethical Considerations and Consumer Perceptions of Monitoring Practices

The emerging issue of ethical considerations and consumer views on monitoring practices in e-commerce emphasize an ocean change in the way data privacy is treated in the digital age. The report by the International Review of Business Ethics on this issue is extremely clarifying because it turns out that 65% of people in the target market have objections to the commerce of their personal data. This is a significant concern that might erode consumer confidence and business reputation (Wolofsky, 2020). The concern about data is important as businesses that largely use data for analyzing their operational strategies could face decreased user engagement and at times the users would be unwilling to share their private data.

This research supports the adoption of clear surveillance policies and communication to endusers about processing their data as one of the key priorities. The strategic advantage that data transparency in data practices provides the business is not just a mere compliance issue but a key growth catalyst for market success. Open communication will give an additional piece of mind to the consumers which may as well remove privacy concerns from the minds of the consumer and in turn develop a trust-based relationship between the consumer and the company (Gunz, 2023). However, the demand for ethical rules in data collection and analysis also proposes hard issues. The implementation of such standards not only needs a full-blown redesigning of present practice but also ongoing supervision to provide continuous compliance with dynamic international data protection laws.

Moreover, the borderline-sweeping intention of the European Union's General Data Protection Regulation (GDPR) has set a benchmark in the data privacy jurisdictions, compelling corporations globally to rearrange their data managing methods. Besides, this adjustment incur costs that tend to come with finances and processes such as acquisition of safe data storage systems, training on compliance, and product and services time-to-market that may of the time be slowed down due to data use (Ruvoletto, 2023).

Furthermore, it is important to note that people are affected by the study of such a large number of consumers instead of undermining it but discussing the necessity of an education for consumers about the advantages of data analysis and risks beside it (Wulfert *et al.* 2023). Through this educational method; the fears and level of engagement could be effectively managed through exercising informed choice.

# 2.5 Impact of Real-Time Surveillance on Operational Efficiency

Adoption of the real-time surveillance technologies in the area of inventory and supply chain management by the companies increased significantly resulting in partial increases of efficiency left by the 2023 study in the Journal of Supply Chain Management. This implies that industries reported an operational efficiency that was 30% higher than what they had ever achieved before, a success that undoubtedly related significantly to the effects of these technologies (Chen *et al.* 2021). Intelligent real-time surveillance systems make it possible to implement a continuous data revolving process crucial for quick and informed decisions initiated in the future.

Moreover, it is possible to say that the advantages of immediate surveillance are obvious. First of all, frequently tracking and modifying stock levels to match with continuous demand will decrease the probability of supplies and surplus which might be wasteful in the long run. As a result, cost reductions are achieved due to discarded resources and sales opportunities due to the performance of which contributes to profit increasing (Maghazei *et al.* 2022). Such advantage also allows smart companies to adapt quickly to and make the most of sudden market changes and therefore, exercise their competitiveness in a very fast business environment.

Many of such systems are not implemented particularly but are faced with some difficulties. The very first step which allows real time surveillance to run, including setting up and maintenance of this technology is very expensive in investment. Accuracy of services will be achieved through data analytics platforms with an option for training of personnel, which is a cost-driving operational element (Parker and Grote, 2022). Along with that, the uninterrupted data transfer raises the issues of data security and privacy where personal information of the consumers is involved through sectors.

Real-time surveillance effectiveness results from the data accuracy and the data trustworthiness. Any interpretation or data quality can result in the business making poor decisions which is a costly thing that may come to an operation and finance of the business. Thus, real-time surveillance has a number of pros such as instant, smooth process and fast response, but these elements must be weighed against cons which are expenses, the problems of the technology and risks of the databases security.

# 3.0 Tools and Techniques

### 3.1 Technologies and Applications

In the monitoring practices of the Indian corporate sector, especially in social media and e-commerce platforms, technologies, for instance SPSS (statistical package for the social sciences) as well as NVivo, are of tremendous significance both for quantitative and qualitative data. Due to its strong statistical analysis capabilities, SPSS has maintained a high level of value in the digital world and is an excellent tool for analyzing user interaction on web pages. It allows researchers to carry out highly specialized tasks such as manipulation of data, complex testing, and running of statistics to break the shopping behavior patterns thereby getting a feel of how monitoring affects sales and user involvement.

Whereas NVivo is useful for the qualitative part of the monitoring, Morality Monitor caters to the comprehensive business monitoring. It performs the analysis of unstructured data or semi-structured data for example, customer reviews, their feedback, and social network comments. In this way, it detects their internal consumer sentiments and trends. Through NVivo, researchers can do coding and analysis by sorting and identifying themes and this is important to understand the level of the details of consumer's attitudes to monitoring practices. That's why coding, sorting, and identifying themes are necessary steps.

Both SPSS and NVivo are powerful in helping to visualize the data and discover important results thereby ensuring a complete picture of the data is communicated. SPSS allows for the precision of quantitative research, which is the area in which NVivo excels with their aim to help grasp the sentiment of users, hence, they are appropriate tools in the assessment of how monitoring technologies work and are received in corporate India. Through utilizing this twin taking, companies have the possibility to conduct a well-rounded examination. This approach is necessities that will help companies adapt their strategies to both consumer expectations and regulatory standards.

## 3.2 Methodologies

#### **Quantitative Analysis:**

The qualitative method or the quantitative approach in the first place wields the statistics tool that confirms the value of monitoring techniques on business metrics such as consumers' behavior, purchasing and user engagement. Through the employment of statistical software such as SPSS, analysts will be able to perform regressions, factor analyses, and conduct tests to assess the cause and effect relations between the monitoring policies and quantitative results. For example, data may demonstrate a 20% rise in customer retention or 30% in improved conversion rates after identifying and implementing effective targeting of internal monitoring strategies. Such kinds of analytics provides measurable, numeric figures assuring decision makers an opportunity to take advantage of data to make decisions for effective monitoring yielding the greatest efficiency and profitability.

## **Qualitative Approach: Case Study Methodology:**

On the other hand, the qualitative dimension, especially the case study method, provides an insight into the nature of the effects of the practices on the subject by depicting the pictures of the phenomenon. Through the analysis of particular monitoring instruments deployed for example, a marketing campaign using consumer behavior's analysis on an e-commerce site, case studies can detect how these tactics impact customers' perception and the brand image. Innovative tools NVivo have been developed to move beyond traditional methodologies. The text data such as reviews, feedback or social media comments can be analyzed to identify the themes and emotions which the quantitative data may just miss. For instance, a case study may find that the performance of monitoring is positive; on the other hand, there could be wariness of people or their reluctance to open up about privacy issues.

#### **Synthesis of Methodologies:**

Through the convergence of these strategies, the study achieves multiple perspectives and a holistic picture of the surveillance techniques (Phungula *et al.* 2022). Though statistics quantitatively lend the spread context for strategic planning, the competitors' qualitative input offers depth about ethical issues and consumers relationship management by exposing possible hidden barriers to decision making. This mode of collaboration works out well since it creates a balanced perspective, which in turn encourages the deployment of monitoring technologies that meet not only corporate objectives but also consumer expectations.

#### 3.3 Justification

Typically, conventional data processing techniques cannot adequately cope with the mass and complexity of data that these platforms generate, where billions of transactions and interactions occur every second. The systematic collection, storing and analyzing of this big data with efficient processing and mining techniques expose patterns, trends and insights of critical importance for strategic decisions (Ibrahim *et al.* 2023). Conversely, algorithms shorten the learning curve through processing complicated data sets and making sense of the data within real-time to generate predictive cardio and then provide insights that can be put into practice in various target marketing campaigns, make the customer experience easier and boost operational efficiency. These technologies grant significant advantage both for the crowding of the milieu with more accurate and detailed insights and for the corresponding raising of the responsiveness to market dynamics and consumer behavior, thus fully justifying their admittance to contemporary monitoring frameworks for digital platforms.

#### 4.0 Conclusion

The investigating authority shows the key role that surveillance plays in managing the Indian business environment. Although surveillance can provide improved safety and individualized services, it also stands for serious privacy breaches. Establishing a robust ethical framework that covers guidelines is vital to deal with the aforementioned information-based problems and eventually form a trustworthy relationship with consumers. The provision of this methodology will assist not only companies participating in the legal process, but also will help them to achieve sustainable growth by means of responsible behavior.

#### Reference

Adebanjo, D., Laosirihongthong, T., Samaranayake, P. and Teh, P.L., 2021. Key enablers of industry 4.0 development at firm level: Findings from an emerging economy. *IEEE Transactions on Engineering Management*, 70(2), pp.400-416.

Agarwal, P., Swami, S. and Malhotra, S.K., 2022. Artificial intelligence adoption in the post COVID-19 new-normal and role of smart technologies in transforming business: a review. *Journal of Science and Technology Policy Management*.

Ahmad, A.Y.B., Gongada, T.N., Shrivastava, G., Gabbi, R.S., Islam, S. and Nagaraju, K., 2023. E-commerce trend analysis and management for Industry 5.0 using user data analysis. *International Journal of Intelligent Systems and Applications in Engineering*, 11(11s), pp.135-150.

Almashhadani, H.A. and Almashhadani, M., 2022. An overview of recent developments in corporate governance. *International Journal of Business and Management Invention*, 11(5), pp.39-44.

Alryalat, M.A.A., Rana, N.P. and Dwivedi, Y.K., 2020. Citizen's adoption of an E-Government system: Validating the extended theory of reasoned action (TRA). In *Open government: Concepts, methodologies, tools, and applications* (pp. 651-674). IGI Global.

Arya, S. and Kumar, S., 2020. E-waste in India at a glance: Current trends, regulations, challenges and management strategies. *Journal of Cleaner Production*, 271, p.122707.

Chaudhary, S., 2023. *BB E-COMMERCE PLATFORM ADOPTION: A STUDY OF ONLINE AGRICULTURE TRADING PLATFORM IN INDIA* (Doctoral dissertation).

Chen, X., You, X. and Chang, V., 2021. FinTech and commercial banks' performance in China: A leap forward or survival of the fittest?. *Technological Forecasting and Social Change*, 166, p.120645.

Daoud, M.K., Al-Qeed, M., Ahmad, A.Y.B. and Al-Gasawneh, J.A., 2023. Mobile marketing: Exploring the efficacy of user-centric strategies for enhanced consumer engagement and conversion rates. *International Journal of Membrane Science and Technology*, 10(2), pp.1252-1262.

Freeman, R.E., 2023. The politics of stakeholder theory: Some future directions. In *R. Edward Freeman's Selected Works on Stakeholder Theory and Business Ethics* (pp. 119-132). Cham: Springer International Publishing.

Górriz, J.M., Ramírez, J., Ortíz, A., Martinez-Murcia, F.J., Segovia, F., Suckling, J., Leming, M., Zhang, Y.D., Álvarez-Sánchez, J.R., Bologna, G. and Bonomini, P., 2020. Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. *Neurocomputing*, *410*, pp.237-270.

Gunz, C., 2023. Key success factors for direct-to-consumer (D2C) business models in e-commerce (Doctoral dissertation, FH Vorarlberg (Fachhochschule Vorarlberg)).

Huang, S., Asundi, J. and Xing, Y., 2021. Plugging into global value chains of the software industry: the experiences of India. 2021-10-28, 2021(2021-10-28).

Ibrahim, A., El-Kenawy, E.S.M., Eid, M.M., Abdelhamid, A.A., El-Said, M., Alharbi, A.H., Khafaga, D.S., Awad, W.A., Rizk, R.Y., Bailek, N. and Saeed, M.A., 2023. A Recommendation System for Electric Vehicles Users Based on Restricted Boltzmann Machine and WaterWheel Plant Algorithms. *IEEE Access*.

Koopmans, C. and Mouter, N., 2020. Cost-benefit analysis. In *Advances in Transport Policy and Planning* (Vol. 6, pp. 1-42). Academic Press.

Laourou, A.B.O., 2022. Ascertaining the progress and challenges of implementing data mining technology in the accounting information systems of public sector functions in developing countries.

Maghazei, O., Lewis, M.A. and Netland, T.H., 2022. Emerging technologies and the use case: A multi-year study of drone adoption. *Journal of Operations Management*, 68(6-7), pp.560-591.

Majumdar, S.K., Sarma, A.P. and Majumdar, S., 2020. E-commerce and digital connectivity: unleashing the potential for greater India–ASEAN integration. *Journal of Asian Economic Integration*, 2(1), pp.62-81.

Nudurupati, S.S., Garengo, P. and Bititci, U.S., 2021. Impact of the changing business environment on performance measurement and management practices. *International Journal of Production Economics*, 232, p.107942.

Parker, S.K. and Grote, G., 2022. Automation, algorithms, and beyond: Why work design matters more than ever in a digital world. *Applied Psychology*, 71(4), pp.1171-1204.

Paul, P.K., Sharma, S. and Krishnan, E.R. eds., 2023. *Advances in Business Informatics empowered by AI & Intelligent Systems*. CSMFL Publications.

Pham, H. and Nguyen, H., 2020. The effect of motivation and hygiene factors on employees' work motivation in textile and apparel enterprises. *Management Science Letters*, 10(12), pp.2837-2844.

Phungula, N., Dhanpat, N. and Braine, R.D., 2022. The effect of employee value proposition on normative commitment. *EUREKA: Social and Humanities*, 2, pp.46-57.

Pillai, R. and Sivathanu, B., 2020. Adoption of internet of things (IoT) in the agriculture industry deploying the BRT framework. *Benchmarking: An International Journal*, 27(4), pp.1341-1368.

Ruvoletto, R., 2023. Digitalization and Internationalization: An Analysis of the Impact of Digital Technologies on Export Management Practices.

Sagara, H. and Das, K., 2020. *Technological disruptions and the Indian IT industry: Employment concerns and beyond* (pp. 119-143). Springer Singapore.

Selim, M., 2022. The effect of customer analytics on customer churn.

Sonmez Cakir, F. and Adiguzel, Z., 2020. Analysis of leader effectiveness in organization and knowledge sharing behavior on employees and organization. *Sage Open*, 10(1), p.2158244020914634.

Wolofsky, S., 2020. What's Your Privacy Worth on the Global Tech Market? Weighing the Cost of Protecting Consumer Data against the Risk That New Legislation May Stifle Competition and Innovation during This Global, Technological Revolution. *Fordham Int'l LJ*, 44, p.1149.

Wulfert, T., Woroch, R., Strobel, G., Schoormann, T. and Bahn, L., 2023. Unboxing the role of e-commerce ecosystems to address grand challenges.