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FORENSIC ACCOUNTING: A CRITICAL TOOL IN THE FIGHT AGAINST FINANCIAL CRIME

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ABSTRACT
Financial institutions worldwide are facing escalating challenges posed by economic crime, particularly in the form of financial fraud. Forensic accounting emerges as a critical tool in combating such criminal activities, offering a comprehensive approach to fraud detection, investigation, and litigation support. This paper presents innovative frameworks for implementing forensic accounting within financial institutions to mitigate fraud effectively. Drawing on existing literature, two conceptual models are developed: one for integrating forensic accounting into organizational structures and another for conducting detailed investigations and data analysis to uncover fraud. The study underscores the importance of forensic accounting in addressing the rising tide of financial crime and proposes actionable strategies for its implementation within organizational control systems.
Keywords: *Forensic accounting, financial fraud, Organizational control systems, Fraud detection, Investigation techniques*

INTRODUCTION
Financial institutions are grappling with a rising tide of economic crime, exacerbated by a lack of effective frameworks to address the issue, leaving both the public and financial entities frustrated. The evolving landscape of the business world, driven by factors like globalization, substantial investments in information technology (IT), and rapid technological advancements, has heightened the urgency for adaptability. IT, encompassing computer systems and related equipment, has witnessed exponential growth within service industries, transforming into a pivotal component of organizational management and resource oversight. However, organizations vary in their responses to the array of IT-driven opportunities and challenges. Consequently, IT assumes a crucial role in modern business operations, particularly in accounting functions. Economic crime, a subset of which is financial crime, has inflicted significant harm on global economies, exerting adverse effects on socio-economic environments. Forensic accounting, blending forensic science with accounting principles, addresses this challenge by integrating accounting, auditing, and investigative expertise to uncover potential fraudulent financial transactions. Originating in response to escalating fraud rates, forensic accounting specializes in engagements arising from actual or anticipated disputes or litigation (Yadav & Yadav, 2013).
This study aims to devise an innovative framework for implementing forensic accounting to combat fraud within financial institutions. The impetus for this research arises from

recognizing that forensic accounting, which integrates accounting, auditing, and investigative skills, can be a potent tool in fraud prevention if deployed effectively. According to PwC's biennial global economic crime survey released on February 27, 2018, South African businesses have consistently reported the highest levels of economic crime globally over the past decade. Similarly, in the USA, corporate fraud investigations represent a significant focus for the Federal Bureau of Investigation (FBI), with the number of cases increasing by approximately 10% between 2010 and 2011. Over a five-year period, fraud cases involving corporate financial institutions surged by 37%, resulting in losses exceeding US$1 billion (Dutta, 2013). In the UK, losses due to fraud against all victims saw a substantial increase from £13 billion in 2006 to £73 billion in 2012, representing a 48% rise within one year (National Fraud Authority, 2012). Financial institutions now allocate approximately £5 billion annually to combat economic-related crimes (KPMG, 2018). It's evident that financial crime poses a growing and significant global threat to financial institutions, the public, and the economy (Bhasin, 2013). Moreover, the lack of robust forensic analysis of financial statements and records due to a shortage of forensic accounting experts and implementation frameworks presents a major obstacle in combating financial crime. Hence, there's a pressing need for a streamlined and sustainable framework for implementing forensic accounting in financial institutions to effectively mitigate fraud. This study contributes by developing an innovative framework for fraud mitigation as part of the ongoing effort to find sustainable solutions to financial crime. The methodology involves identifying effective forensic accounting techniques from existing literature, resulting in the development of two conceptual models: one for integrating forensic accounting into organizational structures and another for conducting detailed investigations and data analysis to uncover fraud. It's important to note that this study is focused solely on developing conceptual models for fraud mitigation. These simplified models can readily be integrated into organizational structures to provide sustainable solutions for mitigating fraud occurrences. The novelty of this work lies in the development of two simplified conceptual models that address specific aspects of fraud mitigation, a contribution not widely covered in existing literature.

Context and Significance of the Study

Today, there is a growing recognition of the necessity for forensic accounting, driven by the escalating global economic and financial crises triggered by fraud and its widespread repercussions on financial institutions and worldwide. The rising frequency of financial crises attributed to fraudulent activities continues to undermine organizational goodwill, eroding public trust and investor confidence (Odelabu, 2014). Consequently, there's a shift away from merely complying with conventional accounting standards towards conducting thorough examinations of financial records and data to produce legally viable evidence for fraud detection. Forensic accounting thus serves as the critical link bridging conventional accounting practices with the legal system, providing essential support for fraud detection and prosecution (Karwai, 2004; Clayton, 2006). As such, forensic accounting emerges as a potent tool for combating financial crime and identifying and tracking financial crime cases (Hibshi et al., 2011; Grubor et al., 2013). This entails devising effective strategies to curb the high incidence of financial crimes and developing sound anti-economic crime policies with the assistance of appropriate forensic accounting techniques.

The internet serves as a versatile platform for perpetrating and concealing financial crimes, with its significant influence on global trends and its burgeoning role in business and entertainment. However, the proliferation of internet-related technologies also presents a challenge as fraudsters exploit these same avenues to facilitate financial crime (Izedonmi and Okoeguale, 2012; Arachchilage and Love, 2014). Financial institutions have grappled with the task of devising innovative approaches to mitigate financial crime and minimize losses in terms of goodwill and profitability. The dynamic nature of the internet landscape, coupled with advances in emerging technologies, complicates the fight against financial crime, as perpetrators adapt their tactics in response to technological advancements. Tracking financial crimes is further complicated by internal collusion and sophisticated falsification of accounting records. Moreover, the perception among internal wrongdoers that they can engage in fraud with impunity exacerbates the problem, compounded by weak enforcement systems and inadequate litigation support during prosecution. This contributes to the low conviction rates in financial crime cases.

The implementation of forensic accounting serves as a crucial element in combating financial crime by providing accounting expertise and comprehensive support for investigations and prosecution, furnishing accounting and financial information as evidence for legal purposes (Islam et al., 2011). Effectively addressing financial crime requires a comprehensive solution integrating all necessary factors to stem its proliferation across financial institutions.

Understanding Fraud: Categories, Characteristics, and Implications

Fraud, as defined by the Association of Certified Fraud Examiners (2012), involves the deliberate misuse or misappropriation of resources within an organization for personal gain. Unlike unintentional errors, fraud entails carefully planned actions aimed at exploiting organizational resources for personal enrichment (American Institute of Certified Public Accountants, 2002; Bhasin, 2014). While fraud determinations are legal matters, auditors lack the authority to make legal judgments on fraud (Dutta, 2013). Fraud extends beyond mere theft, encompassing attempts to conceal the misappropriation of resources (ACFE, 2012), transforming theft cases into fraud when concealment is attempted.

Fraud within organizations typically falls into three main categories: asset misappropriation, corruption, and financial statement fraud (ACFE, 2012). Asset misappropriation occurs when employees misuse or steal organizational resources, often through cash theft, false billing schemes, or inflated expense reports. Corruption involves employees violating business transaction norms for personal gain, such as through bribery or conflicts of interest (Venegas, 2012). Financial statement fraud entails deliberately falsifying or omitting information from financial reports, including presenting fictitious revenues, billing for undelivered products or services, altering records, or manipulating asset valuations (Venegas, 2012).

Fraud schemes in public organizations commonly involve billing irregularities, corruption, asset misappropriation, and payroll issues (Venegas, 2012). Understanding the various forms and characteristics of fraud is essential for organizations to develop effective prevention and detection measures. Fraud detection within organizations relies on robust internal control mechanisms, including tips, management reviews, internal and external audits, and document scrutiny. The internal fraud control approach, encompassing risk management, control, and monitoring processes. The control environment establishes the organization's structure,

management philosophy, human resources policies, commitment to competence, and ethical culture. Management risk processes involve preventive strategies to mitigate fraud effects, while control activities consist of policies and procedures aimed at detecting fraud cases and associated risks to minimize fraud levels post-occurrence. Control activities include verifications, approvals, reconciliations, and supervision. Management controls ensure operational efficiency and adaptability to changing conditions, facilitating effective monitoring of organizational performance. According to Bhasin's reports (2013), India lost US$2.5 million in 2007, with other Asian and Pacific countries losing US$1.854 million the same year (PwC, 2007).

Forensic Accounting to Combat Criminal Activities

Forensic accounting, an integral aspect of the accounting profession, plays a pivotal role in uncovering fraudulent activities within organizations. However, its implementation faces challenges, particularly in developing economies, due to the scarcity of skilled professionals in this field (Ehioghiren and Atu, 2016; Akinbowale, 2018). Combining forensic science with accounting, forensic accounting involves the application of accounting, auditing, and investigative skills to unresolved issues within the context of legal proceedings (Okoye and Gbegi, 2013).

The primary objective of forensic accounting is to identify and analyze fraudulent transactions, utilizing techniques such as document reviews, interviews, and data mining (Owojori and Asaolu, 2009). It serves as a critical tool in fraud detection, with functions including analysis, interpretation, and presentation of complex financial data supported by appropriate evidence (Joshi, 2003). Forensic accountants play crucial roles in accounting, auditing, fraud investigation, and provision of litigation support (Ramaswamy, 2005).

Despite its significance, the implementation of forensic accounting faces challenges such as lack of resources, technical know-how, and management interference (Njanike et al., 2009). Moreover, existing forensic tools are often not user-friendly, hindering effective data analysis (Hibshi et al., 2011). In response, researchers have proposed various frameworks and models to enhance the effectiveness of forensic accounting in fraud detection and investigation.

Recent studies have explored the relevance and application of forensic accounting in different contexts, including fraud detection in Nigeria (Akhidime and Uagbaleekatah, 2014), commercial banks' performance in Nigeria (Odelabu, 2014), and fraud investigation in Bangladesh (Islam et al., 2011). Furthermore, advancements in digital forensic accounting have been significant, with frameworks and models developed to address the evolving nature of fraud, particularly in cybercrime investigations (Serhii et al., 2019; Huber, 2012).

However, challenges persist, such as the lack of independence in operation and the absence of universally accepted frameworks, especially in developing regions like Africa. This underscores the need for a suitable framework that integrates all user requirements for effective fraud mitigation. This work aims to address this gap by developing two conceptual models that provide sustainable solutions for fraud detection and investigation within organizational structures. These models offer a novel approach to fraud mitigation, integrating forensic accounting techniques into organizational control systems.

Revolutionary Strategies for Fraud Prevention through Forensic Accounting Techniques:

The advanced framework tailored for implementation within financial institutions for the purposes of fraud detection and investigation, as delineated by Singleton et al. (2006) and Eyisi and Agbaeze (2014), comprises five pivotal components: preliminary assessment, thorough investigation, extensive data analysis, reporting, and expert testimony.

Initial Assessment: This serves as the cornerstone of the fraud investigation process. During this phase, the forensic accountant plays a pivotal role in uncovering identified instances of fraud and assists in delineating the financial framework of the case. The forensic accountant's primary objective is to gather pertinent information to comprehend various aspects of the fraud case, including the circumstances surrounding its occurrence, the timeframe during which it transpired, the involved parties, the modus operandi, and the extent of financial implications, among other relevant details. This comprehensive understanding forms the basis for planning the subsequent phases of the fraud investigation. Additionally, the preliminary survey may entail an examination of the organizational personnel, their roles and responsibilities within the hierarchy, and an evaluation of the internal control mechanisms established by the organization.

In-depth Investigation: This critical phase involves delving deeply into the circumstances surrounding the fraudulent activity, its scope, and its repercussions. Employing structured interviews, the investigator aims to gather essential insights from relevant stakeholders. These interviews serve as a fact-finding mechanism, facilitating structured discussions with suspected perpetrators and other individuals possessing pertinent information. Through these interactions, the investigator seeks to consolidate previously obtained information and gather additional details crucial to the investigation. Furthermore, these interviews foster interpersonal relationships, aiding in the planning and collection of relevant information pertaining to suspected fraudulent activities. They may also prompt suspects to divulge information or admit to their involvement in the fraudulent transactions. During this discovery phase, collaboration with the prosecutor is essential to ascertain the specific documentation or data required for potential legal proceedings. This ensures that the investigation is aligned with legal requirements and facilitates the procurement of evidence necessary for prosecution.

Data Collection: During this phase, the forensic accountant undertakes the crucial task of gathering all relevant information and data essential for supporting or refuting the presented case. Whenever feasible, obtaining original documents is imperative to ensure authenticity. These documents must be meticulously organized and filed to prevent any loss of information that could impede the effective prosecution of the suspected culprit. Also, it is essential to procure documentary evidence, which may include evidence obtained with consent, evidence provided by third parties, or evidence ordered by a court upon application by the claimant. It is imperative to adhere strictly to legal protocols during the collection process to avoid any potential infringement or accusations of theft, which could result in sanctions.

The forensic accountant bears the responsibility of maintaining comprehensive records of the received documents, including details such as the nature of the documents, the time of receipt, and the identity of the individual from whom the documents were obtained. This meticulous documentation ensures transparency and accountability throughout the investigative process.

Document Review: This phase involves the meticulous examination of the financial documents collected, coupled with a comprehensive analysis of both financial and management

accounts. Following this review, the forensic accountant may proceed to scrutinize the auditor's report, if available, and subsequently engage in discussions with the auditor.

Comprehensive Data Analysis: In this phase, the investigator employs various statistical tools to analyze the collected data, tailored to the specific characteristics of the data obtained. Financial forensic tools and techniques are utilized for meticulous scrutiny, which may include ratio analysis (whether vertical or horizontal), correlation analysis, trending, and benchmarking. Depending on the complexity of the case, digital technologies are also leveraged for analysis, utilizing specialized analytical software. For instance, data mining software can be instrumental in tracing suspected fraud cases or illicit transactions. This involves identifying anomalies, unusual transactions, or suspicious trends or patterns within the dataset. Additionally, the concept of Metadata, which pertains to the computer programs and files used within an organization, may be utilized. Following the analysis, the results obtained are thoroughly evaluated and interpreted in conjunction with the reports provided by the opposing party to ascertain their relevance and reliability in the context of the investigation.

Reporting: A comprehensive report should embody accuracy, simplicity, precision, intelligence, transparency, relevance, fairness, timeliness, and well-organized presentation, with information arranged chronologically (Singleton and Singleton, 2010; Enofe et al., 2013). Essential components of the report include details of the investigator's qualifications, as well as the techniques, materials, literature, experiments, and tests utilized during the investigation. The report should provide clarity on the facts within the investigator's expertise, along with relevant information supporting the formulation of opinions. It should summarize diverse opinions on the matter, providing reasons for the investigator's conclusions and submissions. Details regarding individuals involved in the investigation, including those who conducted examinations, measurements, tests, or experiments, should be included. Exhibits supporting the claims should be documented, alongside a statement acknowledging the investigator's duty to the court. The report should conclude with a summary of findings, verified by a statement of truth.

Expert witness: At this stage, the investigator assumes the role of establishing and interpreting facts and preparing the final report to support the prosecutor during the litigation process (Zare, 2013). Serving as an expert witness, the investigator consolidates all forensic conclusions and submits an expert's report. Additionally, the investigator may be required to testify about these findings during the trial, supporting the prosecutor in presenting or defending claims**.** Another framework was developed to encompass the detailed investigation and comprehensive data analysis steps, which are crucial stages within the forensic accounting process. These steps are fundamental for the success of any forensic investigation, as they ensure the accuracy of facts and figures presented in a concise and logical manner. This level of detail and analysis serves as critical litigation support necessary for establishing a fraud case during the litigation process. Given the challenges associated with data acquisition, analysis, and management during an investigation, this framework offers a simplified approach for executing this critical step. Upon data acquisition, an integrity check is conducted to ensure its accuracy and adequacy for generating a comprehensive report on the suspected fraud case. Should the acquired data be deemed inadequate or unreliable, further efforts are made to gather more relevant information. Once relevant and reliable data is obtained, statistical tools are employed to filter out irrelevant data, thereby reducing ambiguity and complexity in the analytical stage. This streamlined

approach facilitates quick comprehension and study of the data. Subsequently, computational and analytical tools are utilized for data mining to identify trends or patterns in the dataset. Following this stage, the findings are collated and presented in a report to management and legal counsel. The adequacy of the findings for litigation is assessed at this stage. If the findings are deemed sufficient, the prosecution process can proceed; otherwise, the data is reviewed using the aforementioned steps.

Integration of Forensic Accounting into the Organizational Control System for Fraud Mitigation

Fraud mitigation stands as the central focus within this framework, serving as the dependent variable influenced by the independent variables outlined. Fraud, defined as an intentional deception to deprive another of money or property, finds its roots in various forms, including technological advancements and internal financial crime. The motivation for fraud varies widely, as does the risk, depending on organizational structure, business activities, and strategies. Effective fraud control necessitates collaboration between those responsible for fraud control, such as forensic accountants, and information system users to grasp the intricacies of organizational system operations and the business environment.

Forensic accounting, one of the primary independent variables, integrates accounting, auditing, criminology, and law to investigate suspected fraud cases rigorously. The application of forensic accounting techniques can potentially reverse corporate failures by plugging leaks causing financial loss. Forensic accountants specialize in interpreting, summarizing, and presenting complex financial issues, often as expert witnesses in legal proceedings. They delve beyond numbers to comprehend the business realities, emphasizing analysis, interpretation, summarization, and presentation of complex financial matters.

Information security, or cyber security, safeguards networks and data from unauthorized access, theft, or corruption. Robust information security measures prevent unauthorized access to information, thwarting fraud perpetration and covering up illicit transactions.

The Organizational Control System (OCS), the second major variable, encompasses monitoring organizational performance and taking corrective actions as needed. As fraud mitigation is integral to organizational activities, the OCS critically evaluates forensic accountant reports to gauge organizational performance against set objectives. The organization's structure directly relates to the OCS, serving as the formal framework defining roles and responsibilities across corporate offices and business units. It facilitates information flow, decision-making, adaptation to the environment, and conflict resolution, influenced by organizational goals, strategy, environment, technology, and size.

When planning organizational structure, three key principles come into play:

Formal Relations and Reporting: Organizational structure delineates the formal relationships and reporting lines within an organization. It outlines the hierarchy, indicating the number of levels present and the span of control at each level. This principle establishes clarity regarding authority, responsibility, and communication channels.

Group/Unit Size: Organizational structure influences the size of groups or units within the organization. It determines how many individuals work together within a specific team or

department. Group size impacts communication, collaboration, and efficiency, with larger groups often requiring more formalized processes and coordination mechanisms.

Systems Design and Coordination: Organizational structure encompasses the design of systems that coordinate all units effectively. This principle focuses on ensuring seamless interactions and collaboration between different parts of the organization. Effective coordination mechanisms facilitate information flow, resource allocation, and decision-making processes, enhancing overall organizational performance and responsiveness.

The process of fraud detection, investigation, and litigation can indeed have significant implications for the overall organizational structure. This may involve changes in employee positions, hierarchical roles, and responsibilities within the organization. As fraud-related issues are identified and addressed, the organizational structure may need to adapt to accommodate new roles, reporting lines, or control mechanisms aimed at preventing future occurrences. Likewise, organizational strategy plays a crucial role in shaping the management control system. According to Chandler (1998), organizational goals are integral components of strategic planning, while structure serves as the means to achieve those goals. It's essential for both strategy and structure to be aligned and compatible to ensure goal congruence within the organization.

For instance, a simple organizational strategy should ideally be supported by a simple organizational structure, while a more elaborate strategy may require a more complex structural setup. The process of fraud detection, investigation, and litigation may necessitate a reassessment of the organization's strategy to incorporate effective security measures and fraud mitigation strategies. This could involve refining existing strategies or adopting new ones to address emerging risks and challenges related to fraud prevention and detection. [Chandler, A. D. (1998). The visible hand: The managerial revolution in American business. Harvard University Press.]

CONCLUSION AND SUGGESTION

In conclusion, forensic accounting represents a unique branch of the accounting profession that delves beyond mere numerical analysis to gather evidence suitable for legal proceedings. This study has developed two conceptual models aimed at integrating forensic accounting techniques into organizational control systems for effective fraud mitigation. The framework outlined includes five key aspects: preliminary survey, detailed investigation, comprehensive data analysis, reporting, and expert witness testimony. Additionally, a framework focusing on detailed investigation and data analysis was presented. The roles of components within the organizational control system (OCS) were also elucidated, emphasizing their contributions to fraud mitigation. Future research could involve quantitatively implementing these frameworks using data from primary, secondary, or combined sources.

SUGGESTIONS ARISING FROM THIS STUDY INCLUDE

Implementation of Conceptual Models: Organizational management should consider adopting the conceptual models proposed in this study to enhance fraud detection and prevention measures.

Enforcement of Anti-Fraud Laws: Regulatory bodies tasked with combating fraud should continue enforcing anti-fraud laws rigorously to deter fraudulent activities.

Incorporation of Forensic Accounting into Education: Tertiary institutions should integrate forensic accounting into their curricula to raise awareness and equip accounting professionals with the necessary skills in this field.

Legislative Support: Governments worldwide are encouraged to enact legislation that promotes the adoption of forensic accounting practices in corporate organizations, thereby fostering a culture of transparency and accountability.

Overall, the findings of this study offer simple yet effective frameworks that organizations can readily adopt to mitigate fraud occurrences, thereby contributing to improved financial integrity and stability.

REFERENCE

[1] Akhidime, A.E. and Uagbale-Ekatah, R.E. (2014), "The growing relevance of forensic accounting as a tool for combating fraud and corruption: Nigeria experience", Research Journal of Finance and Accounting, Vol. 5 No. 2, pp. 71-77

[2] American Institute of Certified Public Accountants (AICPA) (2002), Statement of Auditing Standards 99 Consideration of Fraud in a Financial Statement Audit, American Institute of Certified Public Accountants, New York, NY.

[3] Arachchilage, N.A.G. and Love, S. (2014), "Security awareness of computer users: a phishing threat avoidance perspective", Computers in Human Behavior, Vol. 38, pp. 304-312

[4] Bhasin, M.L. (2013), "An emperical investigation of the relevant skills of forensic accountants: experience of a developing economy", European Journal of Accounting Auditing and Finance Research, Vol. 1 No. 2, pp. 11-52.

[5] Chandler, A.D. (1998), Strategy and Structure: Chapter in the History of the American Industrial Enterprise, MIT Press.

[6] Clayton, M.M. (2006),"Investigative techniques", In A Guide to Forensic Accounting Investigation, Golden, T.W., Skalak, S.L. and Clayton, M.M. (Eds), John Wiley and Sons, Hoboken, NJ, pp. 295-311.

[7] Dutta, S.K. (2013), Statistical Techniques for Forensic Accounting Understanding the Theory and Application of Data Analysis, FT Press Upper Saddle River, NJ, pp. 1-56.

[8] Ehioghiren, E.E. and Atu, O.E. (2016), "Forensic accounting and fraud management: evidence from Nigeria. Igbinedion university", Journal of Accounting, Vol. 2, pp. 246-308.

[9] Grubor, G., Risti c, N. and Simeunovi c, N. (2013), "Integrated forensic accounting investigative process model in digital environment", International Journal of Scientific and Research Publications, Vol. 3 No. 12, pp. 1-9.

[10] Hibshi, H.A., Vidas, T. and Cranor, L. (2011), Usability of Forensics Tools: A User Study. 2011 Sixth International Conference on IT Security Incident Management and IT Forensics, IEEE Computer Society, pp. 81-91.

[11] Izedonmi, F. and Okoeguale, I.P. (2012), "Forensic accounting and financial crimes-adopting the inference, relevance and logic solution approach", African Research Review, Vol. 6 No. 4, pp. 125-139.

[12] Islam, M.J., Rahman, M.H. and Hossan, M.T. (2011), "Forensic accounting as a tool for detecting fraud and corruption: an empirical study in Bangladesh", ASA University Review, Vol. 5 No. 2, pp. 77-85.

[13] Joshi, M.S. (2003), "Definition of forensic accounting", available at: www.forensicaccounting.com. (accessed 25 March 2024).

[14] Karwai, M. (2004), Forensic Accounting and Fraud Investigation for Non-Expert, John Wiley and Sons, NJ.

[15] KPMG (2018), "UK finance: staying ahead of cybercrime", available at: www.ukfinance.org.uk. (accessed 24 March 2024).

[16] Njanike, K., Dube, T. and Mashayanye, E. (2009), "The effectiveness of forensic auditing in detecting, investigating, and preventing bank frauds", Journal of Sustainable Development in Africa, Vol. 10 No. 4, pp. 405-425.

[17] Odelabu, A.T. (2014), "Effect of forensic accounting on the financial performance of commercial banks on Nigeria", Research Journal of Finance and Accounting, Vol. 5 No. 8, pp. 103-109.

[18] Okoye, E.I. and Gbegi, D.O. (2013), "Forensic accounting: a tool for fraud detection and prevention in the public service. (A study of selected ministries in Kogi state)", International Journal of Academic Research in Business and Social Sciences, Vol. 3 No. 3, pp. 1-18.

[19] Owojori, A.A. and Asaolu, T.O. (2009), "The role of forensic accounting in solving the vexed problem of corporate world", European Journal of Scientific Research, Vol. 29 No. 2, pp. 183-187.

[20] PwC (2007), "The 4th biennial global economic crime survey: India", PricewaterhouseCoopers Limited, available at: www.pwc.com. (accessed 25 March 2024).

[21] Ramaswamy, V. (2005), "Corporate governance and the forensic accountant", CPA Journal, Vol. 75 No. 3, pp. 68-70.