Impact of anti-money laundering on socio-economic growth and entrepreneurial activities in Pakistan

Qurat-ul-ain Rasheed[1] Ali Sajjad[2] , Muhammad Haseeb Shakil[3] , Mishal Tayyab[4]

1-Ph.D. scholar, Faculty of Business and Management Sciences Superior University, Lahore, Quratulainayaz50@gmail.com
2-Assistant Professor, Faculty of Business and Management Sciences Superior University, Lahore, Pakistan
3-Scholar,Department of Management Sciences,COMSATS University Islamabad, Lahore Campus, Lahore, Pakistan
4-Scholar, School of Media Sciences, Faculty of Social Sciences The Superior University, Lahore, Pakistan

Abstract

A money laundering operation is one in which illegally obtained money is converted or "laundered" into money that appears to have been obtained legally. Internationally, money laundering is being used to conceal criminal activity including drug and arms trafficking, terrorism, and extortion. Simply put, this is the process of converting black money into white money. As the Researcher had intended to limit the paper to national contexts, this was not possible since any instance of money laundering would involve transferring the money through multiple countries to obscure the source of the money. Moreover, any instance of money laundering would have a hint of international flavor since money laundering typically involves transferring it through several countries. The paper is divided into three parts by the researcher. The first part of the article explains the history of money laundering, its three steps, and the consequences. The second part is devoted to establishing international development and control mechanisms to address this problem and analyzing India's position on money laundering. The researcher concludes his third part by offering a few suggestions for the implementation of anti-money laundering laws that would be more effective.

Keywords: Money Laundering, Economic Growth, Entrepreneurial Activities

1. Introduction

Money laundering, a pervasive and intricate global issue, has garnered attention from international organizations, governments, and scholars due to its far-reaching implications. The enormity of the problem is underscored by its intricate connections to various criminal activities, including drug trafficking and terrorism (Teichmann, 2020). The current study delves into the multifaceted dimensions of money laundering, exploring its definitions, international frameworks, and the dire consequences it inflicts on economies worldwide. Money laundering, also known as "geldwasche," involves concealing unlawfully gained proceeds to legitimize their origins (Demetriades & Vassileva, 2020). Its prevalence is underscored by its association with a myriad of criminal activities, ranging from drug trafficking to intricate terrorist plots (Eurostat, 2010). Despite technological advancements, monitoring systems, including Google Earth, struggle to predict the magnitude and frequency of money laundering movements (Walker and Unger, 2009). Recognizing the gravity of the issue, international bodies such as the United Nations (UN) and the Financial Action Task Force (FATF) advocate for the implementation of robust anti-money laundering (AML) systems globally.

The United Nations Convention Against Illicit Traffic in Narcotic Drugs and Psychotropic Substances of 1988 provides legal mechanisms to combat drug-related crimes, including money laundering (Vienna Convention, 1988). The definition encompasses the conversion or transfer of property to conceal illicit origins, emphasizing the prohibition of acquiring or owning property through illegal activities (Vienna Convention, 1988). However, it is essential to note the distinction between drug trafficking and money laundering within this framework (Demetriades & Vassileva, 2020). Over time, the definition of major felonies, particularly money laundering, has expanded to encompass a broader spectrum of offenses (Tiwari t al., 2020). Recent attention has shifted towards perceiving money laundering as the final link in a chain of illicit activities, even when the act itself may lack intrinsic value (Rusanov & Pudovochkin, 2021). Contemporary definitions often highlight the procedures by which illegal earnings are hidden, emphasizing the need for comprehensive frameworks (Nanyun & Nasiri, 2021). The United Nations proposed a new definition under the Palermo Convention in 2000, urging parties to include the "largest range of predicate crimes" (Palermo Convention, 2000).

Quantifying the magnitude of money laundering remains a daunting task. The Walker Model's prototype estimated a staggering 2.85 trillion US dollars laundered globally in 1995 (Walker and Unger, 2009). The International Monetary Fund (IMF) suggests that money laundering transactions may constitute 2 to 5 percent of global GDP, equivalent to $1.6 to $4 trillion annually (Camdessus, 1998). Various estimates from 1996 propose a range of $590 billion to $1.5 trillion in money laundering losses (Tanzi, 1996).

Effectively implementing AML frameworks is crucial for combating money laundering. The AML regime, comprising prevention and enforcement pillars, emphasizes the roles of supervisors and law enforcement (Sobh, 2020). Supervisors play a vital role in restoring trust in the market, particularly during crises, while active control measures gain advocacy (Yean et al., 2023; Bradley, 2009). AML contributes significantly to anti-crime deterrence by raising the potential for criminal discovery, clarifying legal processes, and reducing criminals' wealth (Garoupa, 1997). Ensuring that criminals do not benefit financially from their activities is a fundamental principle (Treasury, 2004).

Money laundering exerts a deleterious effect on economic growth by posing risks to financial systems and administrative structures. Economic crimes, facilitated by money laundering, inflict disproportionate damage on a nation's economy, hindering government spending on development programs (Ofoeda et al., 2022). The negative impact extends to financial institutions and the real sector, diverting resources and encouraging criminal activity, thereby impeding long-term economic growth. Research on money laundering spans various dimensions, with scholars investigating its global trends, connections to other illegal activities, and the effectiveness of international initiatives (Usman and Jason, 2006; Michael and Peter, 2006). Studies highlight the correlation between anti-money laundering laws and decreased levels of money laundering globally, emphasizing the importance of regulations that discourage feeding operations and promote transparency (Ofoeda et al., 2022).

Examining specific case studies, such as Taimur's (2007) analysis of Pakistan's money laundering practices post-9/11, underscores the evolving nature of AML policies. Recommendations from scholars like Agrwal and Aman (2004) emphasize the need for financial institutions to safeguard against money laundering, involving various stakeholders such as criminals, bureaucrats, and professionals. This study aims to contribute to the understanding of the influence of AML efforts on Pakistan's social and economic growth. Utilizing interviews as a method to gather information on policy issues, the study seeks to prioritize relevant issues for anti-money laundering procedures in Pakistan. By incorporating current evidence into laws, the research aims to enhance Pakistan's social and economic well-being in the ongoing global fight against money laundering.

1.1. Problem Statement

Money laundering poses a persistent challenge to economies worldwide, impacting societal well-being and hindering entrepreneurial activities. In the context of Pakistan, despite the implementation of anti-money laundering (AML) measures, there exists a gap in understanding the precise impact of these initiatives on the country's socio-economic growth and entrepreneurial landscape. It is crucial to comprehensively assess the efficacy of current AML frameworks, evaluate their implications for economic development, and understand how they shape entrepreneurial activities in the Pakistani context (Teichmann, 2020; Walker & Unger, 2009). The problem at hand is underscored by Eurostat's (2010) data on the prevalence of money laundering globally. Furthermore, Walker and Unger's (2009) exploration of the scale and impact of money laundering highlights the need for an in-depth understanding of the effectiveness of anti-money laundering efforts, especially in a nation like Pakistan. The United Nations Convention Against Illicit Traffic in Narcotic Drugs and Psychotropic Substances (Vienna Convention, 1988) serves as a foundational legal mechanism against drug-related crimes, emphasizing the interconnectedness of combating narcotics trafficking and money laundering. This highlights the complexity of the issue and the importance of nuanced approaches in the Pakistani context.

1.2. Significance of the Study

The findings will provide insights for policymakers to refine and strengthen AML strategies in alignment with the socio-economic needs of Pakistan. A comprehensive analysis of AML's impact on economic growth is crucial for fostering stability, attracting investments, and ensuring sustainable development in Pakistan. Understanding how AML measures influence entrepreneurial activities is vital for shaping policies that either foster or hinder the growth of small and medium-sized enterprises (SMEs) in the country. As Pakistan strives for alignment with international standards, this study contributes to the understanding of how effective AML measures can enhance global compliance and improve the nation's standing in the international financial community. By investigating the interplay between AML policies, socio-economic dynamics, and entrepreneurial ventures, this research contributes valuable insights to the academic community, enriching the existing literature on the subject. The study aims to fill the existing gap in knowledge regarding the impact of anti-money laundering on socio-economic growth and entrepreneurial activities in Pakistan, offering practical implications for policymakers, businesses, and academics.

2. Literature Review

Money laundering remains a formidable global challenge, intricately linked to various criminal activities and posing significant threats to economic stability and entrepreneurial endeavors. In Pakistan, despite the implementation of Anti-Money Laundering (AML) measures, a critical gap exists in understanding the nuanced impact of these initiatives on the nation's socio-economic growth and entrepreneurial landscape. This research seeks to comprehensively assess the effectiveness of existing AML frameworks, analyze their implications for economic development, and unravel their influence on entrepreneurial activities within the Pakistani context. Despite anti-money laundering (AML) measures in Pakistan, a gap exists in understanding their precise impact on socio-economic growth and entrepreneurial activities. The study aims to investigate the influence of AML efforts on Pakistan's social and economic growth. Through interviews and evidence-based analysis, the research seeks to identify policy issues relevant to AML procedures, contributing to Pakistan's overall well-being.

2.1.Evolution of Money Laundering

The practice of concealing unlawful gains, known as "geldwasche," is central to money laundering. Legal definitions, such as those outlined in the Vienna Convention (1988) and the Palermo Convention (2000), highlight the diverse predicates and activities associated with money laundering. Over time, the understanding of money laundering has evolved. The European Parliament's Directive No. 3 (2005) expanded the scope of major felonies. The FATF's comprehensive definition emphasizes the procedures involved in hiding illegal earnings, enhancing the understanding of this intricate financial crime. Money laundering has evolved over the years, with broader definitions encompassing a range of predicate crimes (Yean et al., 2023; Palermo Convention, 2000). The Walker Model, for instance, estimated a staggering $2.85 trillion in global money laundering in 1995 (Walker & Unger, 2009). The International Monetary Fund

(IMF) estimates money laundering transactions at 2 to 5 percent of global GDP (Camdessus, 1998).

2.2.Global Landscape of Money Laundering

Money laundering is a pervasive global issue, intricately connected to crimes such as drug trafficking and terrorism, with far-reaching consequences (Eurostat, 2010). The complexity of money laundering poses challenges in monitoring and predicting illicit financial movements (Walker & Unger, 2009), necessitating robust international efforts advocated by organizations like the United Nations and the Financial Action Task Force (FATF). The United Nations Convention Against Illicit Traffic in Narcotic Drugs and Psychotropic Substances of 1988 establishes legal mechanisms to combat money laundering, emphasizing the prohibition of concealing or disguising illicit origins of property (Vienna Convention, 1988). Definitions evolve, and contemporary perspectives include considerations like the Palermo Convention's proposition, broadening the range of predicate crimes (Palermo Convention, 2000).

2.3.Economic Impact of Money Laundering

Money laundering's adverse effects on economic growth are substantial, jeopardizing financial systems, administrative structures, and national stability. The infiltration of illicit funds into legitimate sectors hinders development programs and disproportionately harms a large portion of the population through tax evasion (Ofoeda et al., 2022). Estimates reveal the staggering scale of money laundering, with the International Monetary Fund suggesting transactions amounting to 2-5% of global GDP (Camdessus, 1998). Implementing robust AML frameworks emerges as a crucial strategy, combining prevention, detection, and enforcement pillars to combat money laundering effectively (Rocha, 2011).

2.4.Unraveling the Complexity of Money Laundering

Money laundering involves concealing unlawful gains to legitimize illicit income, a practice referred to as "geldwasche" (Teichmann, 2020). The United Nations Convention Against Illicit Traffic in Narcotic Drugs and Psychotropic Substances of 1988 provides a legal foundation, recognizing the criminality of trafficking in narcotics and psychotropic substances and outlining measures against money laundering (Vienna Convention, 1988). Various models, including the Walker Model and studies by the International Monetary Fund (IMF), provide estimates ranging from trillions of dollars to a percentage of global GDP, emphasizing the enormity of money laundering (Walker & Unger, 2009; Reuter & Truman, 2004).

2.5.Economic Ramifications of Money Laundering

Effective implementation of a country's anti-money laundering framework is the most potent method for combating money laundering, involving prevention, detection, and suppression of instances of money laundering (Rocha, 2011). AML significantly impacts anti-crime deterrence strategies, enhancing the potential for criminal discovery, clarifying legal processes, and reducing criminals' wealth through decreased dirty money (Garoupa, 1997). Money laundering negatively affects economic growth by jeopardizing financial systems, diverting resources, and encouraging criminal activities, thereby hindering long-term economic development (Taimur, 2007; Usman & Jason, 2006). The practice of laundering money via offshore financial centers poses risks to the development of emerging nations' financial sectors, impacting both banking institutions and the real sector (Buchanan, 2004).

2.6.Impact of Money Laundering on Pakistan's Social and Economic Growth

Post-9/11, Pakistan's legislative landscape shifted to combat money laundering. Taimur (2007) emphasizes the need for stringent legislation, while Usman and Jason (2006) explore the links between globalization and increased criminal activities, shedding light on the criminogenic impacts. International research by Michael and Peter (2006) highlights various methods of moving money globally and the role of AML in prosecuting criminals. KYC processes and risk-based tactics, as stated by Woods Martin (2006), are crucial in preventing money laundering. Recent studies by Andreas and Nadelmann (2006) underscore the growing trend of money laundering and its connections to illegal operations. Agrwal and Aman's (2004) comprehensive study explores international initiatives and financial institutions' safeguards against money laundering.

2.7.Anti-Money Laundering Frameworks and Enforcement

Effective implementation of AML frameworks is crucial, with pillars focusing on the prevention, detection, and suppression of money laundering activities (Rocha, 2011). Supervisors play a key role in restoring trust in the market, while enforcement efforts contribute significantly to deterring criminal activities (Warren, 2008; Bradley, 2009). AML efforts also impact crime deterrence, investigations, and the reduction of criminals' wealth (Garoupa, 1997; HM Treasury, 2004). The prevalent use of offshore financial centers (OFCs) in money laundering jeopardizes the development of emerging nations' financial sectors. Money laundering activities can inflict significant damage on banking, financial, and real sectors, affecting not only the state but also formal participants like financial organizations.

3. Methodology

3.1. Research Design

According to Bryman & Bell (2011), it depends on the researcher to choose the type of methodology according to the type of research. In this study, researchers use an inductive research approach to get in-depth information about the subject through interviews (Bryman & Bell, 2011). Research design enables the researcher to achieve the objectives of their research work. In this study, researchers use an exploratory research design.

3.2. Sample and Data Collection

This study used a qualitative research approach to effectively answer the impact of anti-money laundering on economic growth and entrepreneurial activities in Pakistan using qualitative data. The study used simple random sampling to select samples according to research questions and objectives. All the samples were selected randomly in the data collection. Simple random sampling is crucial for qualitative studies because it focuses on different subsets of the selected sample space while ensuring that the basic principle of including the entire population is considered. A total of 5 interviews were conducted among the participants. Among these 5 participants, 2 participants have political backgrounds and are concerned with the politics of the country, another 2 were NAB officers, one of them was retired and 1 participant was from the FIA department. The selected population provided information related to anti-money laundering on economic growth and entrepreneurial activities in Pakistan. The technique used for the data collection was closed-ended interviews. Closed-ended interviews are useful in data collection. It allows the research to use sample space in the right direction. Furthermore, it prevents data collection from including unusual information. Qualitative analysis has been used as a data analysis method for this study. The qualitative research study was more accurate with qualitative analysis. All questions were precise and related to anti-money laundering.

3.3.Reliability and Validity

To check the validity of the questionnaire developed by the researcher, it is very important to conduct a pre-test (Bryman & Bell, 2011). One of the reasons for doing a pre-test for a qualitative study is to check the problems in the work developed by the researcher (Cooper & Schindler, 2014). There are several ways to analyze data collected by the researcher from respondents through interviews, surveys, and feedback. In this study, research use the thematic analysis method as this technique for the identification of patterns, analyses, and to reporting of the findings (Braun & Clarke, 2006). According to Cooper & Schindler (2014), coding is the most useful method when the researchers do not have hypotheses to answer and when the researchers try to understand the respondent’s personal opinions and natural expressions.

4. Results and Discussion

The findings of the research align with the broader literature on money laundering. Both emphasize the global challenge posed by money laundering, intricately linked to various criminal activities and its substantial threats to economic stability and entrepreneurial endeavors. The literature and the research underscore the importance of effective anti-money laundering (AML) measures, acknowledging their implementation in Pakistan while highlighting a critical gap in understanding their precise impact on socio-economic growth and entrepreneurship. The evolution of money laundering is a common theme, with both sources recognizing the changing legal definitions and the broadening scope of major felonies over time. The literature review introduces significant international conventions like the Vienna Convention (1988) and the Palermo Convention (2000), emphasizing the diverse predicates and activities associated with money laundering. The research aligns with this perspective by stressing the need for a comprehensive assessment of existing AML frameworks, which corresponds to the evolving definitions outlined in the literature. The economic impacts of money laundering are a shared concern, with both the literature and the research highlighting its adverse effects on economic growth, financial systems, and administrative structures. The estimated scale of money laundering, such as the IMF's suggestion of transactions amounting to 2-5% of global GDP, is referenced in both sources. Additionally, the research recognizes the specific impact on Pakistan's socio-economic growth, aligning with the literature's emphasis on the detrimental effects on economies and societies. The section on the global landscape of money laundering, conventions, and the economic impact of money laundering is well-supported by the literature. Both sources stress the need for robust international efforts, with the literature introducing the role of organizations like the United Nations and FATF. The research aligns by proposing evidence-based analysis and interviews to identify policy issues relevant to AML procedures, contributing to overall well-being. In essence, the research on Pakistan's AML efforts complements the existing literature by providing a focused examination within a specific national context, bridging the gap in understanding the impact of AML measures on socio-economic growth and entrepreneurship. The literature, with its comprehensive overview, sets the stage for the research, guiding it in addressing the global challenges of money laundering while emphasizing the need for effective strategies in a specific regional context.

CARPO is a technology venture that involves Albania, Kosovo, Macedonia, Bosnia and Herzegovina, Croatia, and Montenegro from the Southeast European region. There is no question that all these countries recognize the importance of a thorough understanding of organized crime and economic crime in preventing and prohibiting them. To achieve positive results, international comprehensive implementation of the national crime strategy and effective collaboration are essential. The region's economic crime, which has a significant impact on all project areas, continues to grow. The modification of the law should raise tax collections and reduce tax evasion, however, in the area, there are still many chances for illicit transactions, money multiplication, and forged papers. Moreover, these significant crimes have a detrimental impact on the economies, society, and democratic growth of these nations. Around 3,500 cases and more than 4,000 perpetrators were investigated separately in Albania, Croatia, Montenegro, and Serbia in 2012, while 400 to 500 organized crime groups were identified. In all Eastern European countries, crime has increased by 50 percent since last year, according to the data. In its investigation of organized crime, the Council of Europe focused on how corruption and money laundering are intimately related to economic crime. As criminals and their accomplices conceal their sources of income or divert legal funds for terrorist purposes, they may compromise safety, integrity, stability, and trust in the financial system. Investments in criminal or lawful enterprises can be made with illegally obtained funds. In 2012, Bosnia and Herzegovina (BiH) recorded 16 instances, which is 100 percent greater than in 2011. The amount of money that was laundered is roughly 26.5 million euros, of which 1 million euros is believed to have originated from tax evasion. The Federation of BiH police reported only one instance of money laundering in 2013, compared to two in 2012. In

2012, drug trafficking and other economic crimes accounted for the majority of the 54 million euro increase in the average amount of criminal profits recorded by Croatia. In 2011, the average amount of criminal proceeds was 1.5 million euros. Numerous local investors, including Russian investors, are drawn to the Croatian shore due to its perceived profitability. In the period between 2006 and 2010, the Croatian police investigated 42 instances of money laundering. During 2010-2012, around 27 small instances of money laundering were documented. In 2013, the Croatian police investigated 282 instances, of which 81 were sent to the appropriate authorities. For the first time in Kosovo, the Financial Intelligence Unit reported around 65 questionable financial transactions in 2012. The most susceptible area to money laundering in Montenegro seems to be the seashore, which is also an appealing location for genuine enterprise. The coast of Albania and the city of Ulcinj seem to be more attractive to illegal capital. Just two offenses were reported and $10,900,000 was blocked in 2010. While, in 2011, ten instances of money laundering totaling $23.4 million were recorded, this number represents just a fraction of the total amount. Serbia has a large amount of items originating from a variety of criminal activities, including tax evasion, human trafficking, and violent crimes. Laundering of funds occurred because of privatization and the acquisition of real estate and assets. A total of 650,000 euros and 2 million dollars were seized only in 2011.

5. Conclusion, Limitations, and Future Research Directions

Money laundering is widespread even though it is illegal. In addition, technological advancements have minimized the risk of discovery, enabling money laundering to thrive. Combating money laundering requires a significant shift in strategy and approach. Control measures have been implemented to prevent money laundering. On the other side, money laundering criminals can adapt and avoid these restrictions. The need for adaptability is permanent. At the level of physical banking, the necessary precautions to prevent money laundering have grown. FATF has effectively established worldwide coordination, norms, legislation, and enforcement. The impact of money laundering is difficult to quantify, despite recent technological advancements. Despite the illegality of money laundering, its prevalence has continued to rise. Thanks to global standards, the financial industry is catching up to the trading world. Money laundering has evolved from a compliance manual footnote to a profession because of regional agreements such as the North American Free Trade Agreement (NAFTA) and growing markets such as India and China. When new digital currencies join the financial system, money laundering strategies and methods will undergo a considerable transformation, despite wildly varied estimations of the scale and rate of this shift. Regulators and law enforcement have been able to restrict and prevent the laundering of unlawful cash as a result of banks' and other organizations' improved learning techniques and technology. As electronic banking and other technologies advance, however, money laundering may be able to circumvent existing controls. The battle against money laundering has been a cat-and-mouse game for years. In reaction to ever-increasing rules, money launderers have devised more ingenious and technological strategies to bypass them. The Patriot Act changed the emphasis from drug traffickers to the prevention of terrorist funding.

5.1.Limitations and Future Research Directions

The study recognizes the impact of technological advancements on minimizing the risk of discovering money laundering activities. However, it doesn't delve deeply into the challenges posed by rapidly evolving technologies such as blockchain and cryptocurrencies, which offer new avenues for money laundering. Future research should explore the specific implications of emerging technologies on the effectiveness of anti-money laundering measures. Second, the study acknowledges the difficulty in quantifying the impact of money laundering, especially in the face of recent technological advancements. A limitation lies in not providing a detailed exploration of methodologies or challenges associated with quantifying the economic, social, and political repercussions of money laundering. Future research could focus on developing more robust metrics and assessment tools for a comprehensive understanding of the multifaceted impact. Third, the discussion touches on global coordination through organizations like FATF but falls short of extensively examining the regional disparities in the effectiveness of anti-money laundering efforts. Another limitation lies in not addressing how varying regulatory environments and enforcement capabilities globally impact the overall success of anti-money laundering initiatives. Fourth, while the study acknowledges the adaptability of money laundering criminals, it doesn't elaborate on specific strategies employed or potential vulnerabilities in existing control measures. Future research could delve into the criminological aspects, exploring the psychology and modus operandi of money launderers to enhance preventative measures.

Reference

Agarwal, J.D. and Agarwal, Aman. (2004) “International Money Laundering in the banking sector”. Finance India, Volume 18, and Number 2.

Alan Bryman & Emma Bell (2007), Business Research Methods. Oxford University press.

Andreas, Peter, and Ethan Nadelmann. 2006. “Policing the Globe: Origins and Transformation of International Crime Control”. New York: Oxford University Press.

Araujo, Ricardo Azevedo and Moreira, Tito Belchior. (2005),” Inter-Temporal Model of Dirty money” Journal of Money Laundering Control.

Bell, R. E. (2001). “Discretion and Decision Making in Money Laundering Prosecutions”, Journal of Money Laundering Control, Vol. 5, No. 1: pp (42-51).

Billy Steel (2006), Money laundering article, pp1.

Blum, Jack, Michael Levi, and Reuter Peter (1998) “Financial Havens, Banking Secrecy, and money laundering.” UNDCP technical series, issue 8. New York, United Nations.

Buchanan, B. (2004) “Money laundering a global obstacle” Research in International Business and Finance, Vol. 18

Bryman A, Bell E. 2011. Business research methods, 2nd ed. Oxford: Oxford University Press.

Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. Qualitative research in psychology, 3(2), 77-101.

Cooper, D. R., & Schindler, P. (2014). Business research methods. Mcgraw-hill.

Cassell and Symon (1994), “Qualitative Methods and Analysis in Organizational Research”.

Chong Alberto and Silanes de Lopez Florencio (2005), “Money Laundering and its Regulation.” Paris and University of Amsterdam.

Cook, Stephanie (1995) “The Money Laundering Cycle.” Central European Journal. pp (28-31).

Cotterill Morris Nigel. (2001). “The new weapon for combating money laundering in the EU", Journal of Money Laundering Control, Vol. 8 No.2, pp.115-21

Creswell (1994), Research Design: Qualitative and Quantitative Approaches. Thousand Oaks.

Demetriades, P., & Vassileva, R. (2020). Money laundering and central bank governance in the European Union. Journal of International Economic Law, 23(2), 509-533.

Deady, P. (1990) “Tough Money-Laundering Laws Put Increased Pressure on Banks.” National Law Journal pp (36-37).

Ernesto U. Savona (1997) “Responding to Money Laundering” Harwood Academic publishers: pp (23-32, 71-91).

Evans, L John (2003) “International efforts to contain money laundering”, Bankers Club, Mexico City.

Frankfort-Nachmias, C., & Nachmias, D. (1992). Research methods in the social sciences (4th Ed.). New York: St. Martin's Press.

Global Anti Money Laundering Survey (2004, 2007), “How banks are Facing Upto the Challenge” KPMG International.

Government of the Pakistan (2006-2007) “Economic survey of Pakistan.” PhD, Vaknin Sam (2003). “Crime and Corruption”. 1st Edition, First published by United Press International pp (145-155).

Handbook of “Key Regulations for Commercial Banks in Pakistan.” (2005) Edition, pp (47-49).

Hasib, Waqar Syed (2004), “Why the Global anti money laundering regime is illrequipped to Right the War on Terrorism, and What to Do About IT”, The Fletcher School Publishers

Howson, Brendan (1998).”Money Laundering and Globalization” chalford, Gloucestershire, Management Books.

Karofi, Ahmad Usman and Mwanza Jason, (2006), “Globalization and Crime.”, Bangladesh e-Journal of Sociology. Volume 3.

Kazmi Abbas Nayyar Syed, (2004) “Pakistan No A Source But Victim Country.”, Resource Material pp (135-138).

Kenneth L. Bryant, “Anti money laundering combating the financing of terrorism”. Published by CFT consultant, pp7.
Khan Nawaz Gul (2002), “Anti Money laundering measures.” The Institute of Bankers Pakistan. pp (3-12, 39-40).
Levi Michael and Reuter peter. (2006). “Money Laundering”. New York, Oxford University pres.
Levi Michael. (2002). “Money Laundering and its Regulation”. Cardiff University Wales press.
Linda Davis (1995), “Nest of Vipers” Orion mass market paper back, pp2.
Mailk A. Manner (2005) “Anti Money laundering initiative and legislation”, published by IBP, pp (20-35).
Malik Taimur. (2007). “Analysis of Pakistan’s anti money laundering bills”. EzineArticles
Marris, Nigel (2001). "The Control of Risks Associated with Crime, Terror, and Subversion.” Journal of Money Laundering Control vol. 7, no. 3, Winter
Masciandaro, Donato,(2001) “Money Laundering Regulation and Bank Compliance Costs, What Do Your Customers Know?”. Journal of Money Laundering Control.
Nanyun, N. M., & Nasiri, A. (2021). Role of FATF on financial systems of countries: successes and challenges. Journal of Money Laundering Control, 24(2), 234-245.
Ofoeda, I., Agbloyor, E., & Abor, J. Y. (2022). Financial sector development, anti-money laundering regulations and economic growth. International Journal of Emerging Markets, (ahead-of-print).
Orris-cotterill (1996), “How not to be a money laundering” pp (7-8).
PhD, Vaknin Sam (2001), “Money laundering in a changed world”. Published by United presses international (UPI), pp3.
Polgar & Thomas (1995), “Introduction to research in the health sciences”.
Rusanov, G., & Pudovochkin, Y. (2021). Money laundering in the modern crime system. Journal of money laundering control, 24(4), 860-868.
Ramasatry Anita. (2001). “Follow the money, and Follow it Fast: The need for an international fiscal Coalition to Fight Money Laundering.”
Sobh, T. S. (2020). An intelligent and secure framework for anti-money laundering. Journal of Applied Security Research, 15(4), 517-546.
Schott, Paul Allan. (2004). “Guide to Anti-Money Laundering and Combating the Financing of Terrorism.” 2nd edition. Washington, DC: World Bank.
State bank of Pakistan Prudential Regulation XI, pp (1-2).
Tiwari, M., Gepp, A., & Kumar, K. (2020). A review of money laundering literature: the state of research in key areas. Pacific Accounting Review, 32(2), 271-303.
Teichmann, F. (2020). Recent trends in money laundering. Crime, Law and Social Change, 73, 237-247.
The Dawn Newspaper March 18 (2002), “The Menance of money laundering”.
Tom kellerman (2004), CSIM, Money laundering in cyberspace, pp (6-7).
Woods Martin (2006), “Money Laundering and bank compliance, what do Your Customer Know”, Journal of money laundering control autumn.
Yean, T. F., Johari, J., & Ismail, E. (2023). Elevating academic staff’s learning goal orientation: The role of supervisory trust, workload, and work engagement. Journal of General Management, 03063070231205339.