

Financial Accounting: A Comprehensive Guide

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www.ijrah.com || Vol. 1 No. 1 (2021): November Issue

Date of Submission: 08-11-2021

Date of Acceptance: 26-11-2021

Date of Publication: 30-11-2021

ABSTRACT

This article offers an extensive analysis of financial accounting, including its core principles, standards, regulatory organizations, and practical applications in corporate decision-making. Financial accounting is an essential role that provides stakeholders with a transparent and coherent perspective of a company's financial condition, facilitating informed decision-making. This study examines the fundamental concepts and assumptions of financial accounting, including accrual accounting, the matching principle, and materiality. Furthermore, it examines the functions of "GAAP and IFRS, along with the impact of regulatory entities like FASB, IASB, and SEC" in upholding the integrity of financial reporting. Financial statement data may be evaluated to evaluate an organization's liquidity, profitability, solvency, and operational efficiency using numerous analytical methodologies, including ratio analysis, vertical and horizontal analysis, and cash flow analysis. The document emphasizes the significance of financial accounting in investment assessment, credit determinations, performance oversight, and regulatory adherence. Financial accounting facilitates informed decision-making for stakeholders by delivering trustworthy information, hence promoting confidence and accountability in financial markets. This tutorial highlights the essential function of financial accounting in attaining sustained corporate success and economic stability.

Keywords- Financial Accounting, Accounting Principles, Financial Statements, GAAP, IFRS, Financial Reporting, Decision-Making.

I. INTRODUCTION

Financial accounting is a fundamental component of corporate operations, crucial for recording and reporting an organization's financial actions in a uniform and comparable way. Financial accounting, originating from historical record-keeping techniques, has significantly advanced since the introduction of double-entry bookkeeping in the 15th century by Italian mathematician Luca Pacioli. This significant advancement established a systematic and equitable method for recording financial transactions, laying the groundwork for contemporary financial accounting methods that emphasize precision and dependability. Financial accounting has evolved to address the complexities of intricate corporate settings, worldwide marketplaces, and varied stakeholder requirements throughout time. The cornerstone of this history is the formulation of accounting standards, namely the

Generally Accepted Accounting Principles (GAAP) in the United States and the International Financial Reporting Standards (IFRS) internationally. These frameworks provide direction for the categorization, documentation, and summarization of financial data, guaranteeing that information is comprehensible and similar across organizations. Financial accounting is essential for the operation of capital markets, enabling investors, creditors, regulatory bodies, and the public to make educated evaluations of an organization's financial condition and performance.

Modern financial accounting not only reports historical financial performance but also facilitates forward-looking analysis, assisting organizations in strategic planning and resource allocation. Due to technological improvements and heightened regulatory scrutiny, financial accounting methods have evolved to include advanced data management systems and stringent compliance measures. Contemporary financial

- How do GAAP and IFRS impact the consistency and comparability of financial reporting?
- In what ways does financial accounting contribute to organizational decision-making?
- What are the challenges and emerging trends in financial accounting practices?

II. METHODOLOGY

2.1 Research Design

In order to provide a thorough review of financial accounting with an emphasis on its frameworks, applications, and guiding principles, this study uses a descriptive and exploratory research approach. This study intends to investigate new issues in the area and provide insights into the function of financial accounting in decision-making by examining current literature, industry practices, and current trends. In order to provide a comprehensive and balanced analysis of financial accounting principles, the study methodology places an emphasis on both qualitative and quantitative data where appropriate.

2.2 Data Collection Methods

The research mostly utilizes secondary data sources to get information on financial accounting methods and standards. Academic journals, textbooks, regulatory papers, and reports from esteemed organizations, such as the Financial Accounting Standards Board (FASB), International Accounting Standards Board (IASB), and U.S. Securities and Exchange Commission (SEC), provide essential sources. Moreover, relevant case studies and industry assessments are included to provide practical insights into contemporary applications and issues in financial accounting. Secondary data is augmented by internet resources such as JSTOR, ScienceDirect, and Google Scholar to get peer-reviewed research publications on financial accounting.

2.3 Sampling Techniques

Given the nature of the research, this study employs a purposive sampling method to select relevant publications, case studies, and industry reports. The purposive approach ensures that only sources directly related to financial accounting principles, standards (GAAP, IFRS), and applications in decision-making are included in the review. To maintain relevance and accuracy, preference is given to sources published within the last 10 years, although seminal works and key historical references are also considered to provide a comprehensive background.

2.4 Data Analysis Tools and Techniques

A combination of content analysis and comparative analysis is used to process and interpret the data collected. Content analysis helps in categorizing and summarizing the main themes and findings from the literature on financial accounting. Key themes include foundational principles, accounting standards, regulatory practices, and financial statement analysis. Comparative analysis is applied to examine differences and similarities

between GAAP and IFRS, as well as to identify emerging trends, challenges, and advancements in financial accounting practices. Qualitative findings are organized into thematic sections, while quantitative data, such as industry trends and financial metrics, is presented using tables and charts for clear interpretation.

III. FUNDAMENTAL CONCEPTS OF FINANCIAL ACCOUNTING

3.1 Accounting Principles and Assumptions

The ideas and assumptions that support financial accounting make it possible to record and report financial events in a reliable and consistent way. These leading ideas make sure that financial info is right, similar, and useful for everyone involved. The Historical Cost Principle, the Revenue Recognition Principle, the Matching Principle, and the Full Disclosure Principle are some of them. The Economic Entity Assumption, the Monetary Unit Assumption, the Time Period Assumption, and the Going Concern Assumption are some of the most important assumptions that accounting methods are based on. These assumptions help companies give a uniform picture of their financial health.

Together, these assumptions and leading ideas make financial records that are accurate and easy to understand. Regulatory bodies like the Financial Accounting Standards Board (FASB) and the International Accounting Standards Board (IASB) make and keep up-to-date Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS). This is to make sure that they are followed.

3.2 The Accounting Equation and Double-Entry System

The Accounting Equation forms the core of financial accounting, expressed as:

$$\text{Assets} = \text{Liabilities} + \text{Owner's Equity}$$

This formula guarantees that the impact of any financial transaction on the financial status of an organization is balanced. By recording each transaction in two accounts—a debit in one and a matching credit in the other—the double-entry accounting system maintains this balance. By guaranteeing that total debits and total credits are always equal, this approach improves accuracy, reduces mistakes, and supports trustworthy financial reporting.

3.3 Financial Statements

The creation of four main financial statements, which provide stakeholders a thorough understanding of an organization's financial performance and status, is the culmination of financial accounting. Every statement has a unique function and adds to a comprehensive knowledge of financial health.

Financial Statement	Purpose	Components
Income Statement	Reports profitability over a period	Revenues, Expenses, Net Income
Balance Sheet	Shows the financial position at a specific point in time	Assets, Liabilities, Owner's Equity
Statement of Retained Earnings	Tracks changes in retained earnings	Beginning Retained Earnings, Net Income, Dividends, Ending Retained Earnings
Cash Flow Statement	Illustrates cash inflows and outflows	Operating, Investing, and Financing Activities

1. Balance Sheet: The balance sheet, often referred to as the statement of financial position, gives a quick overview of the assets, liabilities, and owner's equity of a company as of a certain date. This statement provides stakeholders with information on the organization's resources and debts, making it essential for evaluating liquidity and financial stability.

2. Income Statement: The income statement, also known as the profit and loss statement, provides a summary of an organization's revenue, costs, and profit or loss during a certain time period. By emphasizing operational performance, it helps stakeholders evaluate how profitable and effective operations are in producing revenue.

3. Cash Flow Statement: This statement provides a comprehensive picture of the organization's liquidity by listing the cash inflows and outflows from financing, investing, and operating operations. The cash flow statement, which focuses only on cash transactions in contrast to the income statement, offers information about an organization's capacity to produce cash to support operations and expansion.

4. Statement of Retained Earnings: This statement illustrates how net income and dividends affect the company's equity by reflecting changes in retained profits over time. It facilitates comprehension of how earnings are allocated to shareholders or reinvested in the company.

3.4 Importance of Accuracy and Reliability in Financial Accounting

In financial accounting, accuracy and dependability are crucial because they support the confidence that stakeholders have in financial accounts. Financial data errors or misstatements may result in inaccurate evaluations of a business's financial standing, which may have an impact on regulatory compliance,

credit evaluations, and investment choices [6]. Regular audits and strict adherence to accounting rules contribute to the accuracy and dependability of financial data shown in reports. Stakeholder trust in the information provided is increased by regular reconciliations and the use of the double-entry method, which further reduce mistakes.

IV. STANDARDS AND REGULATORY BODIES

4.1 Role of GAAP and IFRS in Financial Accounting

The compilation and presentation of financial statements are governed by the International Financial Reporting Standards (IFRS) and Generally Accepted Accounting rules (GAAP), which provide essential rules and guidelines. GAAP, formulated by the Financial Accounting Standards Board (FASB), is mostly used in the United States and prioritizes ideas that ensure consistency, relevance, and reliability in financial reporting. IFRS, an internationally recognized set of rules established by the International Accounting rules Board (IASB), is mostly used outside the United States. IFRS aims to provide a universal accounting language that promotes comparability and transparency across countries. GAAP and IFRS maintain the accuracy and integrity of financial accounts, offering stakeholders comparable data to facilitate decision-making. The primary purpose of both systems is to provide reliable and transparent financial information, notwithstanding variations in aspects such as inventory valuation and the treatment of specific expenses. The FASB and IASB convergence initiative seeks to diminish the disparities between GAAP and IFRS to enhance the comparability of financial reporting across countries.

4.2 Regulatory Bodies

To protect the interests of investors, the general public, and the economy, a number of regulatory agencies supervise the implementation and enforcement of accounting standards. The following are the main regulatory organizations that oversee financial accounting:

- Financial Accounting Standards Board (FASB): The FASB, an independent organization in charge of creating and enhancing GAAP in the US, makes sure that financial accounting procedures adapt to changes in the business and regulatory environment. The U.S. Securities and Exchange Commission (SEC) has acknowledged its rules, which are used in the financial reporting of publicly listed corporations.

- International Accounting Standards Board (IASB): An independent international organization called the IASB creates IFRS and strives to advance international accounting standards. The IASB facilitates more seamless international commerce and investment by establishing global standards that assist standardize financial reporting across national boundaries.

- U.S. Securities and Exchange Commission (SEC): The SEC is a regulatory agency that monitors and

enforces compliance with GAAP in the financial reporting of publicly traded corporations in the United States. By maintaining openness and curbing fraudulent activities in the financial markets, the SEC seeks to safeguard investors [8]. Additionally, it has the power to take enforcement action against businesses that disregard financial reporting rules.

- Public Company Accounting Oversight Board (PCAOB): The PCAOB is a non-profit agency that was created under the Sarbanes-Oxley Act to supervise audits of US public firms. It establishes audit criteria to raise the caliber and openness of audits, which eventually boosts trust in financial reporting.

- International Federation of Accountants (IFAC): By establishing moral and professional guidelines for accountants everywhere, IFAC, an international association of professional accounting organizations, seeks to standardize accounting procedures across borders. Its Code of Ethics serves as a guidance for accountants on maintaining professionalism and honesty in financial reporting.

Through the establishment of strict norms, the development of ethical standards, and the enforcement of regulatory measures, these organizations guarantee the integrity of financial information. These organizations strive to raise investor trust and improve the quality of financial reporting on a worldwide scale via continuous cooperation.

4.3 Differences and Convergence between GAAP and IFRS

Despite the fact that both GAAP and IFRS provide standards for uniform financial reporting, the two frameworks vary significantly. For instance, IFRS is regarded as principles-based, allowing for more interpretation freedom, whereas GAAP is often rules-based, with explicit, comprehensive standards. Important distinctions include:

- Inventory Valuation: GAAP allows the Last-In, First-Out (LIFO) approach for inventory valuation, although IFRS forbids it. This discrepancy may substantially affect a company's reported cost of goods sold and net profits.

- Revenue Recognition: While both frameworks have progressed towards harmonizing revenue recognition, GAAP offers more industry-specific directives, whilst IFRS permits more discretion in revenue recognition practices.

- Development Costs: Under IFRS, certain development costs can be capitalized, whereas GAAP generally requires these costs to be expensed as incurred.

The convergence initiative between FASB and IASB aims to reduce these discrepancies, fostering consistency in global financial reporting. Although complete convergence has not been realized, this partnership has significantly advanced the alignment of standards, particularly in revenue recognition and lease accounting, therefore helping international firms and worldwide investors.

V. PURPOSE AND IMPORTANCE OF FINANCIAL STATEMENT ANALYSIS

Financial statement analysis is the assessment of an organization's financial statements to determine its fiscal health, operational efficacy, and overall performance. This research provides stakeholders—investors, creditors, and management—with critical insights about profitability, liquidity, solvency, and financial stability, which guide decision-making and resource allocation. Financial statement analysis assists stakeholders in making informed choices on investments, loans, and business strategy by identifying trends, strengths, and potential risks.

5.1 Financial Ratios for Analysis

Financial ratios are pivotal in financial statement analysis, condensing information from financial statements to elucidate an organization's financial status and performance. Ratios are often classified into four primary categories: liquidity, profitability, solvency, and efficiency.

Table 1: Financial Ratios for Analysis

Ratio Category	Ratio	Formula	Purpose
Solvency	Debt-to-Equity Ratio	Total Liabilities / Shareholder's Equity	Evaluates financial leverage and risk
	Interest Coverage Ratio	EBIT / Interest Expense	Assesses ability to meet interest obligations
Liquidity	Current Ratio	Current Assets / Current Liabilities	Measures ability to cover short-term liabilities
	Quick Ratio	(Current Assets - Inventory) / Current Liabilities	Assesses short-term liquidity without relying on inventory
Efficiency	Inventory Turnover	Cost of Goods Sold / Average Inventory	Indicates effectiveness in inventory management
	Receivables Turnover	Net Credit Sales / Average Accounts Receivable	Measures efficiency in collecting receivables

Profitability	Gross Profit Margin	(Revenue - Cost of Goods Sold) / Revenue	Indicates profitability from core business activities
	Return on Assets (ROA)	Net Income / Total Assets	Measures efficiency in using assets to generate profits

These ratios provide insights into a company's financial health, aiding stakeholders in understanding liquidity, profitability, debt levels, and operational efficiency. A high current ratio indicates strong liquidity,

whereas a low debt-to-equity ratio demonstrates less reliance on external financing.

5.2 Vertical and Horizontal Analysis

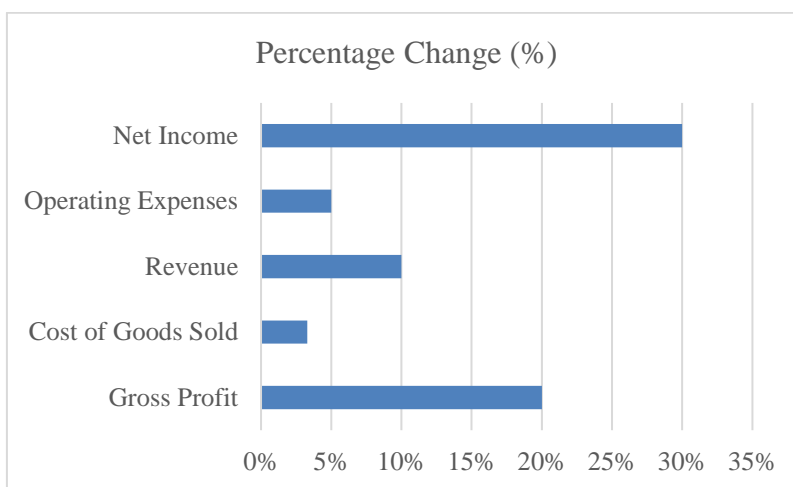
Vertical and horizontal analyses are crucial instruments for analyzing financial data across many eras or within a singular time.

- **Horizontal Analysis:** This strategy analyzes financial statement data across numerous periods to discern patterns, growth rates, and possible concerns. Horizontal analysis is crucial in monitoring a company's success over time and identifying patterns that may need strategic modifications.

- **Vertical Analysis:** Vertical analysis assesses each financial statement items as a percentage of a base number within the same timeframe. This methodology is especially advantageous for comparing organizations of varying sizes, since it standardizes metrics for evaluation.

Table 2: Horizontal Analysis for Income Statement

Year	Gross Profit	Cost of Goods Sold	Revenue	Operating Expenses	Net Income
2023	\$200,000	\$300,000	\$500,000	\$100,000	\$50,000
2024	\$240,000	\$310,000	\$550,000	\$105,000	\$65,000
Percentage Change (%)	20%	3.30%	10%	5%	30%



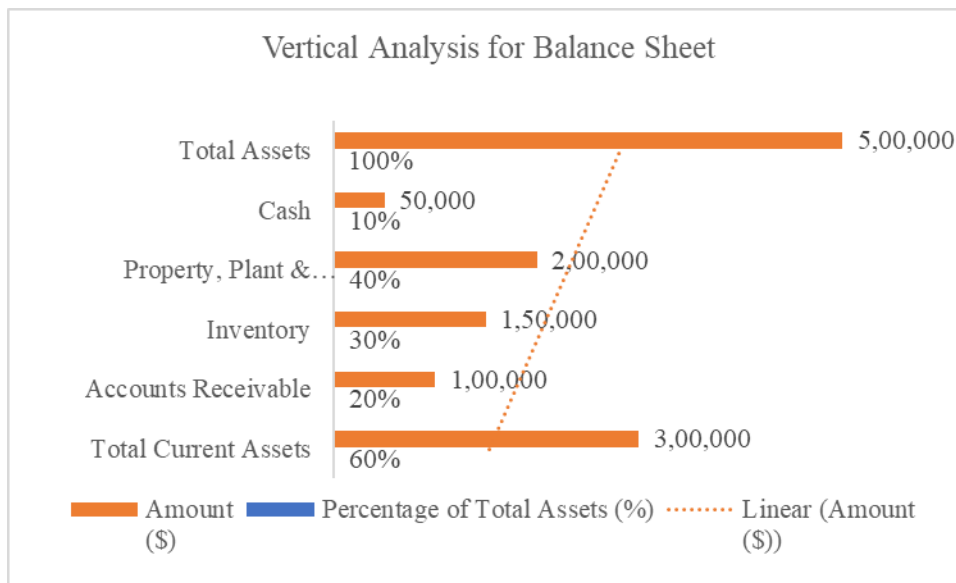
Graph 1: Horizontal Analysis for Income Statement

Table 2 shows a 10% rise in sales and a 30% increase in net income from 2023 to 2024, signifying overall growth. This method uncovers patterns that may

not be apparent from unrefined financial data, such as enhancements in profitability.

Table 3: Vertical Analysis for Balance Sheet

Balance Sheet Items	Percentage of Total Assets (%)	Amount
Total Current Assets	60%	\$300,000
Accounts Receivable	20%	\$100,000
Inventory	30%	\$150,000
Property, Plant & Equipment	40%	\$200,000
Cash	10%	\$50,000
Total Assets	100%	\$500,000



Graph 2: Vertical Analysis for Balance Sheet

Vertical analysis, as shown in Table 3, represents each balance sheet item as a proportion of total assets. This facilitates the evaluation of the percentage of assets allocated across several categories, enabling comparison with industry benchmarks or rivals' financial frameworks.

5.3 Cash Flow Analysis

The cash flow statement offers insights into a company's capacity to generate cash. Examining cash flows from operating, investing, and financing activities aids in assessing a company's cash management and its ability to create enough cash for operational sustainability.

Table 4: Cash Flow Statement Components and Analysis

Cash Flow Category	Purpose of Analysis	Typical Activities
Investing Activities	Assesses investment in future growth or asset sales	Purchase/sale of assets, investments in securities
Financing Activities	Shows cash flows from financing strategies	Issuance of debt/equity, dividend payments
Net Cash Flow	Indicates overall change in cash position	Total cash generated or used
Operating Activities	Evaluates core business cash generation	Net income, adjustments for non-cash items, changes in working capital

Table 4 illustrates that cash flow analysis allows stakeholders to assess the sustainability of cash inflows from primary company activities. Positive operational

cash flow, along with prudent investment and financing practices, indicates a financially solid and well managed firm.

5.4 Limitations of Financial Statement Analysis

Although financial statement analysis is an effective instrument, it has certain limitations:

- **Reliance on Historical Data:** Financial statements mostly represent historical transactions, which may not reliably forecast future performance.
- **Potential for Misleading Ratios:** Ratios may change significantly among businesses, complicating direct comparisons between organizations in disparate areas.
- **Impact of Accounting Policies:** Divergences in accounting methodologies, including depreciation and inventory value, may influence financial indicators and skew comparisons across firms.
- **Lack of Qualitative Information:** Financial statements fail to include non-financial elements, such market trends, managerial efficacy, or staff morale, which are essential for comprehending a company's potential.

Financial statement analysis empowers stakeholders to make educated choices by offering insights into a company's financial condition. Stakeholders may completely evaluate a company's performance using a mix of ratio analysis, horizontal and vertical analysis, and cash flow assessment. Notwithstanding its constraints, financial statement analysis is crucial for informed decision-making and strategic planning in financial accounting.

VI. APPLICATIONS OF FINANCIAL ACCOUNTING IN DECISION-MAKING

6.1 Investment Decisions

Because it gives stakeholders—including venture capitalists, institutional investors, and individual

investors—clear insights into a company's financial situation, financial accounting is crucial for investment decision-making. Investors may assess a company's suitability for their financial goals and risk tolerance by looking at its financial statements, which include data on profitability, liquidity, and growth trends. Investors may evaluate potential returns and compare investment possibilities across different companies and industries with the use of ratios like Return on Equity (ROE), Earnings Per Share (EPS), and Price-to-Earnings (P/E) ratio. While a favorable P/E ratio suggests that the company's stock is appropriately valued in comparison to its earnings, a consistently high ROE indicates strong profitability.

6.2 Lending and Credit Decisions

Financial institutions, such as banks and credit agencies, use financial accounting information to assess a borrower's creditworthiness and repayment capacity. Financial statements, particularly the balance sheet and cash flow statement, aid lenders in evaluating whether a corporation have sufficient assets and positive cash flows to meet its loan obligations. Metrics include the Debt-to-Equity Ratio, Interest Coverage Ratio, and Current Ratio are essential for evaluating financial stability and risk. A low debt-to-equity ratio signifies that the company has less financial leverage, making it a more secure option for loans. Accurate financial data enables lenders to make informed credit decisions and determine appropriate interest rates or lending limitations.

6.3 Strategic Planning and Budgeting

Financial accounting facilitates strategic planning and budgeting by providing historical data and financial projections that inform decision-making. Organizations depend on financial accounts to establish attainable objectives, distribute resources, and forecast future financial requirements. Essential measures, including revenue growth rates, profit margins, and capital expenditures, are crucial in formulating plans for expansion, cost control, and profitability improvement. Budgeting grounded on precise financial data enables firms to oversee expenditures, sustain operational efficiency, and modify strategies in response to market fluctuations or economic circumstances. Consequently, financial accounting empowers management to devise successful plans that correspond with the organization's financial objectives and capabilities.

6.4 Performance Evaluation and Management

Financial accounting provides a foundation for performance assessment and management by monitoring essential financial parameters that reflect operational efficiency and profitability. Organizations use income statements and cash flow statements to assess performance indicators such as Gross Profit Margin, Operating Margin, and Return on Assets (ROA). These measures enable management to juxtapose actual performance with planned objectives and industry standards, facilitating the identification of areas necessitating improvement or cost reduction.

Furthermore, financial accounting information facilitates the assessment of particular departments or corporate units, promoting responsibility and ongoing development. Efficient performance management depends on trustworthy financial data to incentivize teams and synchronize departmental aims with overarching company objectives.

6.5 Regulatory Compliance and Risk Management

Since accurate financial reporting ensures adherence to legal requirements and accounting standards, financial accounting is essential for risk management and regulatory compliance. In addition to regulatory guidelines set by organizations like the Public Company Accounting Oversight Board (PCAOB) or the U.S. Securities and Exchange Commission (SEC), organizations must follow standards like GAAP or IFRS. Financial statements are crucial documents that are sometimes required for audits and inspections, helping businesses avoid penalties and damage to their image. Additionally, financial accounting data enables businesses to identify potential risks related to liquidity, solvency, or operational effectiveness, enabling proactive risk management strategies that guarantee business continuity.

6.6 Decision-Making in Mergers and Acquisitions

In mergers and acquisitions (M&A), financial accounting is essential for assessing possible targets, establishing value, and structuring transactions. Acquirers analyze the target company's financial statements, emphasizing assets, liabilities, revenue patterns, and profit margins to evaluate compatibility and synergies. Ratios such as the Current Ratio, Asset Turnover Ratio, and Net Profit Margin assist acquirers in assessing the target's financial soundness and operational efficacy. Financial accounting offers a transparent overview of financial health, allowing organizations to make educated judgments about acquisitions and to negotiate terms that match with strategic objectives. In M&A transactions, precise financial accounting data guarantees that all stakeholders possess a clear understanding of financial risks and possibilities.

6.7 Internal Control and Fraud Prevention

Financial accounting facilitates internal control systems and fraud deterrence by guaranteeing the precise documentation and presentation of financial information. Efficient internal controls depend on uniform accounting methodologies and frequent reconciliations that identify inconsistencies or anomalies. Auditors routinely examine financial accounts to ensure adherence to accounting rules, hence reducing the likelihood of fraud or financial inaccuracies. Organizations that comply with financial accounting standards enhance their credibility and foster confidence among stakeholders by exhibiting a dedication to openness and accountability.

6.8 Decision-Making in Sustainability and Corporate Social Responsibility (CSR)

As sustainability and corporate social responsibility gain prominence in business, financial

accounting serves as the foundation for reporting these initiatives. Although conventional financial statements may not include all dimensions of environmental, social, and governance (ESG) performance, several businesses are increasingly including non-financial criteria into their financial reports. Accounting data enables organizations to evaluate the costs and benefits of CSR programs, monitor resource use, and guarantee prudent expenditure on sustainable projects. In decision-making, financial accounting data aids in reconciling profitability with ethical obligations, enabling firms to uphold their commitments to sustainable and socially responsible activities.

VII. CONCLUSION

Financial accounting is fundamental to contemporary company, acting as the principal source of financial information for stakeholders, including investors, creditors, management, and regulatory authorities. Financial accounting guarantees openness, consistency, and comparability by instituting a standardized framework for the recording, summarizing, and reporting of financial data, which is vital for informed decision-making. This handbook has analyzed the fundamental principles, standards, regulatory agencies, and analytical techniques that characterize financial accounting, as well as its practical uses in decision-making. The stringent criteria established by frameworks such as GAAP and IFRS, together with supervision by regulatory entities like the FASB, IASB, and SEC, underscore responsibility and maintain the integrity of financial reporting. Instruments such as financial ratio analysis, vertical and horizontal analysis, and cash flow assessment provide stakeholders with critical insights into an organization's financial condition and operational efficacy. Moreover, the relevance of financial accounting transcends basic compliance, influencing investment analysis, creditworthiness evaluation, strategy planning, and performance management.

As company settings become more intricate and international, the function of financial accounting will persist in its evolution, integrating new standards, technology, and methodologies to address evolving requirements. Notwithstanding its constraints, financial accounting is essential for facilitating informed decision-making, ensuring economic stability, and enhancing confidence among stakeholders. A robust foundation in financial accounting provides people and organizations with the essential capabilities to manage financial challenges and achieve sustainable development.

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