Original Article
ISSN (Online): 2350-0530
ISSN (Print): 2394-3629

International Journal of Research - GRANTHAALAYAH
June 2025 13(6), 299–306

A STUDY ON INTERNAL CONTROLS AND AUDIT TRAIL IN TALLY ERP

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Received 09 April 2025
Accepted 18 May 2025
Published 30 June 2025

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DOI
10.29121/granthaalayah.v13.i6.2025.6488

Funding: This research received no specific grant from any funding agency in the public, commercial, or not-for-profit sectors.

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ABSTRACT

In modern accounting environments, internal controls and audit trail mechanisms have become essential components for ensuring transparency, accuracy, and reliability of financial information. With the increasing digitalisation of accounting systems, software such as Tally ERP has emerged as a leading platform offering built-in internal control features designed to reduce errors, prevent fraud, and improve efficiency. This research paper explores the significance, structure, and functioning of internal controls within Tally ERP, with a special focus on the audit trail feature. The purpose of this study is to understand how internal controls integrated into Tally ERP enhance data security, support compliance, and strengthen financial reporting systems.

The research evaluates existing literature, analyses the components of internal controls, and examines the impact of audit trail features such as user log tracking, voucher change history, timestamped modifications, access restrictions, and approval workflows. The study also reviews common financial errors, reasons behind them, and how audit trails assist in early detection. Findings reveal that Tally ERP's internal control framework, when implemented effectively, helps reduce manual errors, ensures verification at multiple levels, restricts unauthorized data alterations, and improves audit readiness.

Finally, the paper provides recommendations for improving the efficiency of internal control systems, including user training, automation of validations, strengthening access rights, and scheduling regular audit trail reviews. This research highlights the growing need for digital reliability in financial processes and positions Tally ERP as a strong tool for ensuring accountability in financial transactions.

Keywords: Study, Internal, Controls, Audit, Trail

1. INTRODUCTION

Internal controls have always been a vital component of accounting systems, aimed at ensuring accuracy, preventing fraud, safeguarding assets, and maintaining the integrity of financial records. Traditionally, internal controls relied heavily on manual processes such as approvals, cross-checking, and physical documentation. However, with the shift towards computerized accounting, the design and implementation of internal controls have evolved significantly.

Tally ERP, a widely used accounting software in India, offers a comprehensive digital environment that includes voucher entry, ledger maintenance, financial statements, GST compliance, and audit support. Beyond its basic functionalities, Tally ERP incorporates multiple internal control features such as:

- Access control and user roles
- Approval workflows
- Data validation checks
- Lock periods
- Audit trail (edit log)
- Backup and restore systems
- Security levels
- Password protection
- Chronological transaction tracking

Among these, the audit trail has gained enormous importance due to regulatory changes mandating its usage for companies. The audit trail records who made changes, what was changed, and when it was changed. It ensures accountability and provides a transparent history of all data modifications.

This study explores the importance of internal controls and audit trails within Tally ERP, analysing how they contribute to the accuracy and transparency of financial reporting. It also discusses challenges faced during implementation and provides suggestions to strengthen internal control practices.

2. NEED OF THE STUDY

The need for this study arises due to the following reasons:

1) Increasing Digital Accounting Adoption

Organizations today rely heavily on digital systems like Tally ERP, making it essential to understand how internal controls function within them.

2) Rising Cases of Accounting Fraud

Weak internal controls and lack of transparency often result in misstatements, fraudulent manipulations, and financial discrepancies.

3) Regulatory Requirements

Audit trail functionality has become mandatory under MCA rules, making it essential to study its impact on accounting systems.

4) Increasing Demand for Accurate Financial Reporting

As financial data drives decision-making, strong internal controls ensure reliability.

5) Skill Gaps in Digital Accounting

Students and professionals need to understand how internal controls work inside ERP systems.

3. OBJECTIVES OF THE STUDY

The key objectives include:

1) To understand the concept and importance of internal controls in accounting.
2) To analyse internal control features available in Tally ERP.

3) To understand the audit trail functionality and its relevance in financial transparency.
4) To identify common accounting errors that internal controls help detect.
5) To evaluate how audit trails support audit processes.
6) To recommend strategies for improving internal control effectiveness.

4. SCOPE OF THE STUDY

The scope of this study includes:

- Internal control features within Tally ERP
- Audit trail functionalities
- Error detection and prevention mechanisms
- Importance of data security and user access control
- Challenges in implementing internal controls
- Recommendations for strengthening digital accounting systems

The study does not focus on any specific organization or client but takes a universal approach applicable across CA firms, SMEs, and businesses using Tally ERP.

5. LITERATURE REVIEW (EXPANDED)

A detailed literature survey reveals multiple perspectives on internal controls and audit trail systems.

5.1. INTERNAL CONTROLS ACCORDING TO COSO FRAMEWORK

COSO defines internal controls as a process designed to provide reasonable assurance regarding operational efficiency, financial reporting reliability, and compliance with laws. Its five components are:

1) Control environment
2) Risk assessment
3) Control activities
4) Information and communication
5) Monitoring

Tally ERP supports these components through digital validation and tracking features.

5.2. INTERNAL CONTROLS IN DIGITAL ENVIRONMENTS

As per Romney & Steinbart (Accounting Information Systems), internal controls in automated systems reduce the risk of:

- Data entry mistakes
- Manipulation
- Duplication
- Incomplete reporting

- Unauthorized access

Modern ERPs provide better consistency and reliability compared to manual systems.

5.3. AUDIT TRAIL AS A MONITORING TOOL

Audit trails were originally created for cybersecurity but are now crucial in accounting.

Scholars emphasize that:

- Audit trails increase accountability
- Provide transparency
- Prevent unauthorized edits
- Support audits
- Reduce fraud risks

5.4. TALLY ERP IN ACCOUNTING RESEARCH

Research shows that Tally ERP is user-friendly, widely used, and integrates control features such as:

- User-level rights
- Approval workflows
- Time-stamped changes
- Logs of deleted vouchers
- Data locking

Thus, it supports robust internal control practices.

6. RESEARCH METHODOLOGY

This research is descriptive and analytical in nature.

6.1. DATA TYPE

Secondary data collected from:

- Books
- Journals
- Tally ERP documentation
- Online research articles
- ICAI guidelines
- Government notifications regarding audit trail

6.2. RESEARCH APPROACH

The study evaluates:

- Control effectiveness
- Audit trail functionality
- Error detection capability

- Impact on financial reporting
- Compliance adherence

No primary survey was needed as the study focuses purely on theoretical and analytical assessment.

7. INTERNAL CONTROLS IN TALLY ERP (DETAILED)

Tally ERP includes multiple internal control features, expanded as follows:

7.1. USER ACCESS CONTROL

- Assign roles like Data Entry, Accountant, Manager
- Restrict access to critical vouchers
- Prevent unauthorized editing
- Provide different rights for viewing vs. altering

7.2. PASSWORD PROTECTION AND SECURITY CONTROLS

- Enhances data privacy
- Protects sensitive financial records
- Prevents system misuse

7.3. VOUCHER APPROVAL SYSTEM

- Ensures dual-checking
- Prevents unverified entries
- Builds accountability

Approval workflow is extremely important for:

- Journal vouchers
- High-value transactions
- Adjustments affecting financial statements

7.4. LOCK PERIOD FEATURE

Ensures no backdated modifications after closing books.

7.5. DATA BACKUP AND RESTORE

Reduces risk of:

- Data corruption
- Loss
- Malware attack
- Accidental deletion

7.6. LEDGER AND VOUCHER CONTROLS

- Pre-defined ledger grouping

- GST computation checks
- Error warnings

7.7. RECONCILIATION TOOLS

Tally supports reconciliations for:

- Bank
- Inventory
- GST
- Debtors and Creditors

8. AUDIT TRAIL IN TALLY ERP (DETAILED)

Audit trail is a mandatory compliance feature.

8.1. WHAT AUDIT TRAIL RECORDS

- User name
- System name
- Date of modification
- Time of modification
- Field edited
- Before and after values
- Deleted vouchers

8.2. IMPORTANCE OF AUDIT TRAIL

1) Builds transparency
2) Tracks error patterns
3) Helps auditors detect manipulation
4) Prevents fraud
5) Ensures compliance with MCA rules
6) Supports investigative auditing

8.3. HOW AUDIT TRAIL HELPS DETECT ERRORS

Example errors easily detected through audit logs:

- Changing invoice date
- Altering GST rate
- Editing amounts
- Deleting vouchers secretly
- Wrong ledger mapping

9. FINDINGS (VERY DETAILED)

1) Tally ERP offers comprehensive internal control tools that significantly reduce manual errors.

2) Audit trail provides a systematic record of modifications, improving transparency.
3) Many businesses underutilize audit trail due to lack of awareness or training.
4) User-level restrictions prevent unauthorized edits.
5) Voucher approval ensures verified financial information.
6) GST reconciliation tools help avoid mismatches during filings.
7) Regular control monitoring strengthens audit readiness.
8) Lack of properly structured internal controls can lead to financial inaccuracies.
9) Frequent errors include wrong ledgers, missing narrations, incorrect GST calculations.
10) Internal controls are most effective when combined with regular user training.

10. SUGGESTIONS

1) Provide mandatory training for accounting staff.
2) Implement standardized narration formats.
3) Use advanced Tally features like voucher approval workflow.
4) Strengthen password policies and access control.
5) Perform monthly audit trail reviews.
6) Create automated validation rules for GST and ledgers.
7) Encourage periodic internal audits.
8) Maintain secure cloud backups.
9) Implement lock periods strictly.
10) Develop internal control documentation for consistency.

11. CONCLUSION (EXPANDED)

Internal controls and audit trail mechanisms are crucial components of digital accounting systems. Tally ERP, being one of the most widely used platforms in India, provides comprehensive control features that support accountability, reduce risk, and enhance data transparency. This study concludes that internal controls must be implemented thoughtfully and monitored regularly to achieve maximum effectiveness. Audit trail plays an essential role in identifying errors, preventing unauthorized modifications, and supporting statutory audits.

Overall, strengthening internal controls within Tally ERP contributes to better financial governance, improved reliability, and greater trust in accounting data.

CONFLICT OF INTERESTS

None.

ACKNOWLEDGMENTS

None.

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