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SkillUp Knowledge Webinar Series



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Chairman, WYMEC, ICAI



CA. Sripriya Kumar
Vice Chairperson, WYMEC, ICAI

ICAI | SESSION FOR THE CA FRATERNITY

AI & Tech Series

AUTOMATION IN ACCOUNTING

Making Accounting Simpler & Faster Through AI & Smart Tally Ecosystems

Transforming traditional compliance workflows into high-margin strategic advisory using modern automation engines.

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INDUSTRY TRANSFORMATION

Why Accounting Must Shift to Intelligent Automation

Repetitive Task Elimination

Bills, bank statement posting, and basic matching move from manual typing to automated ingestion engines.

Instant Exception Detection

GST mismatches, duplicate vouchers, and unusual ledger spikes get flagged automatically before filing.

Value-Added Advisory

The professional's time shifts from routine data entry operator to strategic financial and tax advisor.

GLOBAL MARKET BENCHMARKS

Global AI Adoption Statistics in Accounting

IMPACT AREA / METRIC	BENCHMARK STATISTIC
Finance Leaders Investing in AI	Over 75%
Time Reduction in Bookkeeping Tasks	Up to 80%
Reduction in Accounting & Posting Errors	60% – 90%
Speedup in Invoice Processing Time	5× to 10× Faster
Audit Sampling & Verification Efficiency	Up to 70% Cut in Audit Hours
CFOs Expecting AI-Driven Finance Teams by 2030	More than 80%

AUTOMATION OPPORTUNITY

Automation Potential Across Key Accounting Activities



PARADIGM SHIFT

Traditional Accounting vs. Intelligent Accounting

Traditional Workflow

- ✕ **Manual Vouchers:** Bill-by-bill manual data entry.
- ✕ **Paper Ticking:** Line-by-line bank statement checks.
- ✕ **Excel VLOOKUPs:** Static GSTR-2B purchase checking.
- ✕ **Risk of Leakage:** High human error & missed ITC credits.

Intelligent Workflow

- ✓ **Automated OCR:** Automated bill capture & auto ledger creation.
- ✓ **1-Click Reco:** Bank auto-reconciliation and direct MIS.
- ✓ **Portal Sync:** Real-time portal sync & automated ITC trace.
- ✓ **Zero Leakage:** 100% compliance audit trail & total accuracy.

CORE PLATFORM CAPABILITIES

AI & Automation Features in Modern Tally

1. Auto Backup & Cloud

Automated background drive backups and seamless TallyDrive remote access.

2. Auto Audit Trail (Edit Log)

Timestamped tracking of voucher edits for 100% statutory MCA audit compliance.

3. Smart Invoice Templates

Automated e-invoicing, QR codes, payment links, and multi-currency formatting.

4. Auto GST Mismatch Trace

Automated GSTR-2B download, instant line mismatches, and dynamic ITC updates.

5. Auto HSN/SAC Fetch

Direct GST portal auto-fetch of HSN/SAC codes and tax rates during master setup.

6. Connected Banking

Direct integration with SBI, ICICI, Axis, Kotak for automated 1-click bank reco.

DEEP DIVE

Tally Connected Banking & Dynamic GSTR-2B Reco

CONNECTED BANKING ENGINE

Live Balance & Direct Payments

Fetch real-time balances and trigger vendor e-payments directly from Tally without opening net banking portals.

70% Faster Reconciliation

Auto-matches entries against e-statements from SBI, Axis, ICICI, Kotak with smart suggestions for unmatched vouchers.

DYNAMIC GSTR-2B & TAX INTELLIGENCE

Auto Portal Sync & JSON Import

Downloads GSTR-2B straight into Tally with OTP session security, eliminating manual file conversion.

Mismatch Flagging & Auto HSN

Highlights party tax discrepancies, potential matches, and fills official HSN codes automatically.

REAL-WORLD PROOF & IMPACT

Practical Case Studies: Time Saved & Accuracy Boosted

CASE STUDY 1

Manufacturing Unit

Scope: 1,500 Monthly Purchase Bills

Solution: Tally auto GSTR-2B import & OCR purchase voucher connector.

Time Saved: 40 hrs → 4 hrs (90% Reduction)

CASE STUDY 2

Retail Distributor

Scope: 3,000 Monthly Bank Txns

Solution: Connected Banking with auto bank feeds & exact matching.

Time Saved: 24 hrs → 2 hrs (92% Speedup)

CASE STUDY 3

CA Practice Firm

Scope: 50 Concurrent Audits

Solution: Tally Edit Log + AI anomaly exception filters.

Audit Hours Cut: 60% Reduction

EXECUTION PIPELINE

Automated Document Ingestion: Invoice → Voucher

Core Philosophy: Automate repetitive data entry; route exceptions to the CA professional.

STEP 1
Receive
PDF, Scanned Bill, WhatsApp image

STEP 2
OCR Extract
Reads GSTIN, values, items, HSN

STEP 3
Map Ledgers
Auto-categorizes vendor & expense

STEP 4
Post to Tally
Creates voucher automatically

STEP 5
CA Review
Approves exceptions & high-value items

ECOSYSTEM ARCHITECTURE

Tally is Not Replaced — It is Becoming More Connected

1. Core Accounting Engine

Tally Prime serves as the single source of truth for books, statutory registers, and ledger balances.

System of Record

2. AI & Connector Layer

Integrations fetch documents from Drive, WhatsApp, or Banking APIs to parse, map, and sync entries.

OCR, Bank APIs & WhatsApp

3. Professional Layer

The Chartered Accountant reviews exception flags, provides risk judgment, and guides strategic planning.

Human Supervision & Advisory

ECOSYSTEM ADD-ONS

AI-Powered Add-Ons & Connectors for Tally

Ledger on AI
AI document processing + direct Tally sync.

Pesowise
Expense management & auto voucher posting.

Vendor Portal
KYC & auto vendor ledger creation.

Tallyzen
AI accounting assistant + GST automation.

LedgerAI
Invoice OCR + bank statement ingestion.

AutoTally
Natural language AI voucher posting.

Qosh AI
WhatsApp/email invoice to Tally pipeline.

LedgerConnect
Bank statement & e-commerce API sync.

PagePro
Bank statement OCR to Tally XML converter.

Your AI Accountant
AI bookkeeping + GST reconciliation.

Tally Connector
API integration for automated imports.

Tally Doc
Automated document management vault.

PLATFORM COMPARISON

AI Innovations in Zoho Books & QuickBooks

Z Zoho Books (Zia AI)

Zoho Corporation has aggressively integrated AI through its digital assistant “Zia”.

- Voice-based financial queries
- Predictive cash flow insights
- Auto expense categorization
- Anomaly detection & workflow rules

Q QuickBooks (Intuit AI)

Intuit leverages global AI algorithms for SMB accounting optimization.

- Automated bookkeeping engines
- Intelligent expense management
- Cash flow forecasting models
- Smart payment reminders & reporting

FIRM TRANSFORMATION

A Day in an AI-Augmented CA Firm

01. Digital Document Receipt

Client documents flow seamlessly through WhatsApp, Drive, and email pipelines without physical paper hassle.

02. Auto Processing & Posting

OCR and connected software parse transactions, auto-fetch HSN codes, and generate Tally vouchers.

03. Continuous Reconciliations

Bank feeds and GSTR-2B data reconcile continuously in the background, keeping balances accurate daily.

04. Exception-Based Review

CA staff focus solely on flagged mismatches, high-value transactions, and client consulting.

VALUE CREATION

Unlocking Growth & Scale for CA Practices

Scale Operations

Manage 3× more clients without linear increase in team size or manual workload.

Zero Penalty Risk

Automated GST mismatch tracing ensures zero lost Input Tax Credit and zero notices.

Higher Profitability

Shift client billing from low-margin bookkeeping to high-value virtual CFO advisory.

Up-Skilled Staff

Articles and staff transition from manual posting clerks to strategic financial analysts.

ACTION PLAN

A Practical 6-Step Automation Roadmap for CA Firms

STEP 01

Map Workflows

Identify high-volume bill processing, bank statements, and monthly GST tasks.

STEP 02

Enable Tally Core

Turn on Tally Edit Log, Auto Backup schedules, and direct GSTR-2B portal sync.

STEP 03

Connect Bank Feeds

Configure Connected Banking with client accounts (SBI, ICICI, Axis, Kotak).

STEP 04

Pilot One Process

Test automated purchase ingestion with 3–5 high-volume client accounts first.

STEP 05

Set Review Controls

Establish clear sign-off checklists for AI-extracted entries and tax claims.

STEP 06

Scale Firm-Wide

Train audit staff and roll out connected accounting across all firm clients.

GLOBAL ADOPTION INDEX

Top 10 Countries by Estimated AI Adoption in Finance

RANK	COUNTRY	ESTIMATED AI ADOPTION %	KEY DRIVER
1	United States	72%	Big Tech + ERP automation
2	Singapore	68%	Smart finance ecosystem
3	United Kingdom	66%	AI-enabled accounting firms
4	United Arab Emirates	64%	Government-led AI push
5	Australia	61%	Cloud accounting adoption
6	India	58%	Rapid digital transformation
7	Canada	55%	AI in banking & audit
8	Germany	51%	ERP + manufacturing finance
9	Japan	48%	Robotics & automation
10	China	47%	Large-scale AI infrastructure

THE FUTURE BELONGS TO AI-ENABLED PROFESSIONALS

”AI & Automation are not replacing Chartered Accountants.
They are replacing manual, repetitive accounting work.”

Thank You!

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