

## WELCOME

We're thrilled to bring you the third edition of the IT newsletter, your go-to source for the latest trends, innovations, and insights from the world of IT. As technology continues to evolve at a rapid pace, staying ahead of the curve is more important than ever. This edition will throw light on how technology is driving positive change in the corporate social responsibility (CSR) of Vishwa Samudra.

We believe that tech should not only drive business success but also contribute to societal well-being. Join us as we explore inspiring stories, latest trends, and ways to integrate technology for a purpose-driven future.



**Mr. Santosh Kapu**  
Sr. VP - IT & PMO

Here's what is inside the issue

- **Leader Speak:** Message on digital transformation from Vice Chairman Ms. Priyadarshini Chinta
- **Tech Transformation Journey - Snapshot** on the findings of digital transformation
- **Project Updates:** Stay informed about critical project updates, timelines, and achievements
- **Project in Spotlight:** Brief on adoption of Microsoft ecosystem in Nandha Gokulam School
- **Tech Buzz:** Transformative Power of Blockchain Technology
- **Team Events:** Know more about the latest team event in VS IT

## LEADER SPEAK



**Ms. Priyadarshini Chinta**  
Vice chairperson

At the heart of the Vishwa Samudra digital transformation lies our people, processes, and purpose. As we embrace this journey, our focus extends beyond technology adoption to building smarter administration, stronger infrastructure, and a sustainable future.

By leveraging cutting-edge technologies, we are enhancing administrative efficiency, ensuring seamless operations, and creating an agile work environment. Our investments in next-generation technology like new HRMS, SAP ERP and VS Tech tools are focused to optimize travel and expense, asset management, finance and improve office administrative services

Sustainability remains at the heart of our transformation, and we are leveraging technology to minimize our environmental footprint. Our commitment to responsible business practice and bringing meaningful social impact through digital inclusion is stronger than ever, as we harness EdTech, healthcare solutions, and smart connectivity to uplift communities.

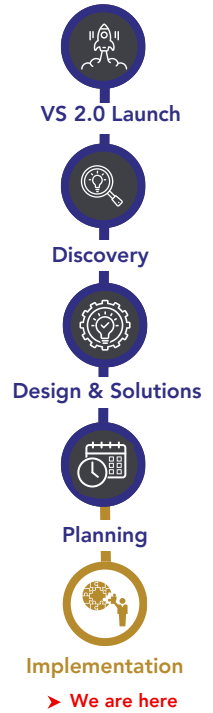
As we move forward, our vision is to build an organization that is more efficient, more responsible, and more sustainable. Together, let's embrace this transformation and create a lasting impact.

# VS TECH TRANSFORMATION JOURNEY

As part of its commitment to long-term growth and operational excellence, Vishwa Samudra has been systematically advancing its digital transformation journey. The organization is embracing technology-driven solutions to enhance business efficiency, improve stakeholder experiences, and build a future-ready enterprise. While ensuring a balanced and risk-mitigated approach, the company is making significant progress in key areas of digital enablement.

In the tech transformation journey column, we provide a comprehensive update on the progress we've made so far. It highlights the initiatives we've launched, the technologies we've implemented, and the cultural shifts we're fostering to ensure a seamless integration of digital tools and practices. Along the way, we've navigated challenges, learned valuable lessons, and celebrated significant milestones.

Here are they key highlights of milestone achieved in Jan'25 -



- SAP Project kick off announced
- Business Requirement and Data collection initiated



- Data Lake phase 1 – project finance and inventory data integration completed



- Established network connectivity between VS HO and MO offices reducing remote VPN license from 600 to 400

As the transformation journey progresses, the organization remains focused on leveraging technology to drive long-term business growth, enhance operational resilience, and create lasting value for its stakeholders.

Projects (In Progress)	Progress in brief
VS 2.0 Program	<p><b>Status:</b> SAP kickoff announced, requirement detailing in progress. Data lake integration in progress. Data architecture design in progress</p> <p><b>Next Steps:</b> Data Architecture design - Feb'25</p>
New ERP	<p><b>Status:</b> Project Kickoff announced, As-Is business process study completed. Org. structure design and requirement detailing in progress.</p> <p><b>Next Steps:</b> Finalize Org. structure, Begin data collection and Blue print draft_Feb'25</p>
Data Lake	<p><b>Status:</b></p> <ul style="list-style-type: none"> <li>• HRMS employee data completed</li> <li>• Fuelz App - Live tracking data integration completed</li> <li>• Finance dashboard: Project wise finance data integration completed (5 files)</li> <li>• Project Dashboard: Project progress and inventory data integration completed ( 5 files)</li> </ul> <p><b>Next Steps:</b> HRMS - Org. master, travel, expense and attendance data integration in progress, Fuelz - historical and exception alarm data integration in progress, Other VS Tech API design_Feb'25 onwards</p>
VS Ancillary Tools	<p>1) <b>Voice:</b> Employee Assist App</p> <p><b>Status:</b> Live for HO users in IT and Admin users. Apple account enablement of iOS users and org. wide implementation in progress.</p> <p><b>Next step :</b> Rollout for all HO users_Feb'25</p>
VS Ancillary Tools	<p>1) <b>Voice:</b> Employee Assist App</p> <p><b>Status:</b> Live for HO users in IT and Admin users. Apple account enablement of iOS users and org. wide implementation in progress.</p> <p><b>Next step :</b> Rollout for all HO users_Feb'25</p>
NGLS	<p><b>Status:</b> BOQ finalized for School external peripheral CCTV installation and conference room setup</p> <p><b>Next step :</b> Budget approval, Project planning and begin Implementation in Feb'25</p>

<p><b>Project BI</b></p>	<p><b>Status:</b></p> <ul style="list-style-type: none"> <li>• Project finance dashboard development completed, rollout plan Feb'25 with integration with data lake</li> <li>• Project vendor dashboard design discussion in progress</li> </ul> <p><b>Next Steps:</b></p> <ul style="list-style-type: none"> <li>• Project level finance dashboard rollout _Feb'25</li> <li>• Project level vendor dashboard design_Mar'25</li> </ul>
--------------------------	--

<p><b>Asset Management</b></p>	<p><b>Status:</b></p> <p><b>IT Assets:</b> Centralized Asset inventory created, Total 3680+ IT Assets ( HO, MO and Sites). Asset labelling completed (3400+) - 94%+</p> <p><b>Non-IT Assets:</b> Asset inventory preparation in progress</p> <p><b>Next Steps:</b></p> <p><b>IT Assets:</b> New and existing IT Asset labelling _Feb'25</p> <p><b>Non-IT Assets:</b> Finalize plan for Asset Inventory management and labeling/Mar'25</p>
--------------------------------	---

**Projects (LIVE)**

**Progress in brief**

<p><b>Information Security</b></p>	<p><b>Status:</b></p> <p><b>Information security application rolled out -</b></p> <ol style="list-style-type: none"> <li>1) Email Security</li> <li>2) Vulnerability Management</li> <li>3) End point security</li> <li>4) Firewall ( HO, MO and Sites)</li> <li>5) Log Analysis Tool ( SIEM)</li> </ol> <p><b>Next Steps:</b> VAPT of Tech Tools, Website Security Audit and Implementation of MDM &amp; DLP</p>
------------------------------------	---

<p><b>IT Helpdesk</b></p>	<p><b>Status:</b> Helpdesk tool rolled out, currently managing Avg. 400+ tickets a month for IT Infra and application support</p> <p><b>Next Steps:</b> Train users for IT compliance monitoring</p>
---------------------------	--

<p><b>Cloud Migration</b></p>	<p><b>Status:</b> Migration of all Tech Tools into a single VSG Azure Cloud Accounts (7 Tech Tools) completed</p>
-------------------------------	---

<p><b>IT Helpdesk</b></p>	<p><b>Status:</b> Helpdesk tool rolled out, currently managing Avg. 400+ tickets a month for IT Infra and application support</p> <p><b>Next Steps:</b> Train users for IT compliance monitoring</p>
---------------------------	--

<p><b>Information Security</b></p>	<p><b>Status:</b>  <b>Information security application rolled out -</b>  1) Email Security  2) Vulnerability Management  3) End point security  4) Firewall ( HO, MO and Sites)  5) Log Analysis Tool ( SIEM)  Next Steps: Plan for Implementation of Log Analysis, MDM &amp; plan for DLP app</p>
<p><b>Cloud Migration</b></p>	<p><b>Status:</b> Migration of all Tech Tools into a single VSG Azure Cloud Accounts (7 Tech Tools) completed</p>
<p><b>Finance BI</b></p>	<p><b>Status:</b> Finance dashboard is live, project dashboard design is ready, data preparation in progress  <b>Next Steps:</b> Integration of manual finance data file in data lake and automate data upload and validation in Azure container, automate Rollout project dashboard_Q4'24</p>
<p><b>AD-Azure Integration (SSO)</b></p>	<p><b>Status:</b> AD Integration completed for end users ( 780+ users completed). Common Id integration completed ( 250+ common ids)  App based multi-factor authentication migration completed for 300+ users  <b>Next Steps:</b> Complete App based multi-factor authentication_Feb/Mar'25</p>
<p><b>IT Infra Enhancement</b></p>	<p><b>Status:</b> Network connectivity established between HO and MO using IPSEC VPN  Next Steps: Train users for IT compliance monitoring</p>
<p><b>VS HRMS</b></p>	<p><b>Status:</b>  <b>Core Modules -</b> Live for VSH, VSE ( Hyd and Mum), SSSPL, SPCLPL, Ecolastic, KPPSPL , VS Bio, Hampi Foods with total 4,400+ employees  Payroll - VSE ( Hyd and Mum), SSSPL, SPCPLPL, Ecolastic, KPPSPL , VS Bio, Ecolastic. Hampi Food - UAT in progress  <b>Next Steps:</b> Payroll rollout for Hampi Food, PMS &amp; LMS rollout for all Entities_Feb'25</p>

## VS Ancillary Tools

**1) Fuelz:** Fuel sensor and GPS based vehicle and equipment fuel consumption & performance tracking

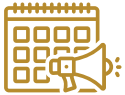
**Status:** Fuel sensor and tool implementation completed for 95% of owned vehicle and equipment

**Next Steps:** Complete installation for owned vehicle, plan installation for hired vehicle

**2) Wheelz:** OBD based vehicle tracking and fleet management device

**Status:** Live for HO and Mumbai Office vehicles

**Next Steps :** Implementation for site vehicles\_Q4'24



## UPCOMING PROJECTS

- **Document Management System:** Folder mapping for document storage of contract, design and project documents, document templates for MEMO, letters etc, workflow for document generation and approval, Integration with ERP
- **NG Wellness Centre:** IT infra setup for NG Wellness center
- **CCTV Installation ( PAN India) :** CCTV use case requirement mapping and standardization of CCTV Infrastructure across VS office and Sites
- **Intelligent Comand Centre:** AI based central command centre to integrate CCTV, VS Applications and BI and implement centralized monitoring process
- **Disaster Recovery Setup to Business Continuity Plan (BCP).**
- **ISO/IEC 27001:2022 certification for VSE IT**



# PROJECT IN SPOTLIGHT



**Nisha Bhakar**  
CEO - Education  
Vishwa Samudra  
Holdings

“The young minds of today are the leaders of tomorrow. Digital transformation in education is not just about technology—it’s about unlocking endless possibilities for learning, creativity and growth. Let’s empower every child with the tools to dream bigger, learn smarter, and shape the future”

## Embracing Microsoft 365 at Nandha Gokulam Life School

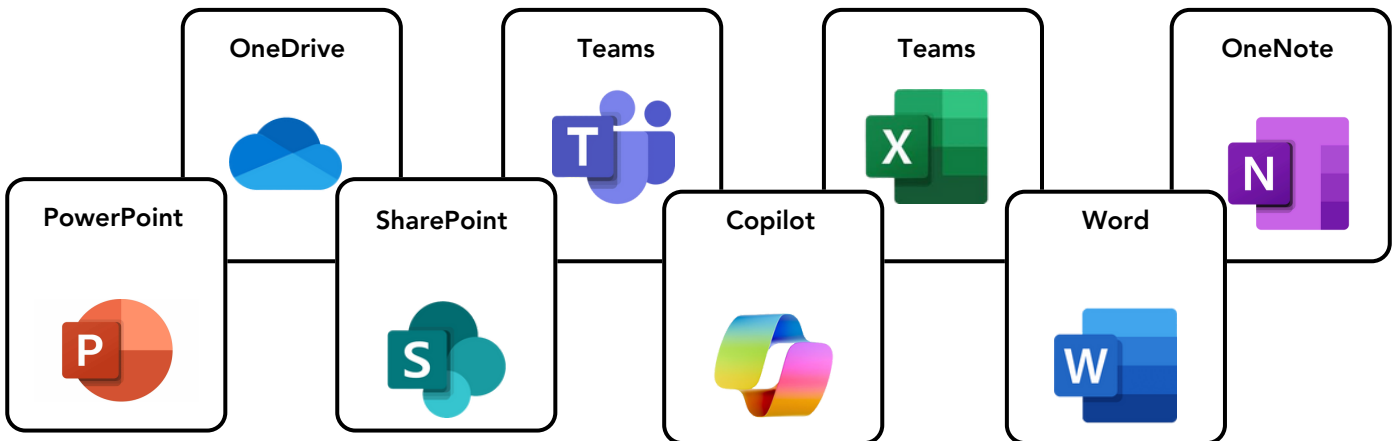
NGLS has taken the Microsoft Academic Licenses, a secure platform for schools where it acts as a tool that helps teachers and students collaborate, organize, and access content. Word, Excel, PowerPoint, OneNote, Teams & Copilot chats with additional AI - based tools for learning and teaching are available on this platform.



Microsoft accelerates learning for teachers and students. Students can practice and receive feedback in subjects like Math and Reading. It is a secure IT platform that prepares students for the future and improves efficiency.

## How Microsoft is empowering schools

Microsoft 365 empowers schools with AI-driven tools like Copilot, Teams, and OneDrive, enhancing teaching and learning efficiency. Educators can create content, track progress, and collaborate seamlessly, while students develop digital skills for the future. With free student inclusion, Microsoft 365 is transforming education!



Nandha Gokulam Life School (NGLS) has integrated Microsoft 365 to enhance education with AI-driven tools like Copilot, Teams, and OneDrive. Teachers can create engaging lessons, manage classrooms, and collaborate seamlessly, while students benefit from digital learning and real-time feedback. This initiative prepares students for a tech-driven future!



## Onboarding NGLS on Microsoft 365

Microsoft 365 is a very popular platform used by schools as it provides the following support -

- **Collaboration Tools:** OneDrive, SharePoint
- **AI-powered Features:** Copilot: Helps to Create content in all subjects that teachers can use
- **Teams:** Communication through video conferencing, notes and assignments for online teaching-learning mode
- **Word:** Edits Spelling, grammar, document creation.
- **Excel:** Analyses and displays data with ease

Teachers can set up classes and track students' progress, MS Word is used at NGLS to design learning material, and MS PowerPoint for presentation or conduct classes. Students develop proficiency in apps like Word and can submit assignments online

The MS Excel is used to compile school data, both students and staff. It also helps compile and share the data on cloud for ready reference and use.







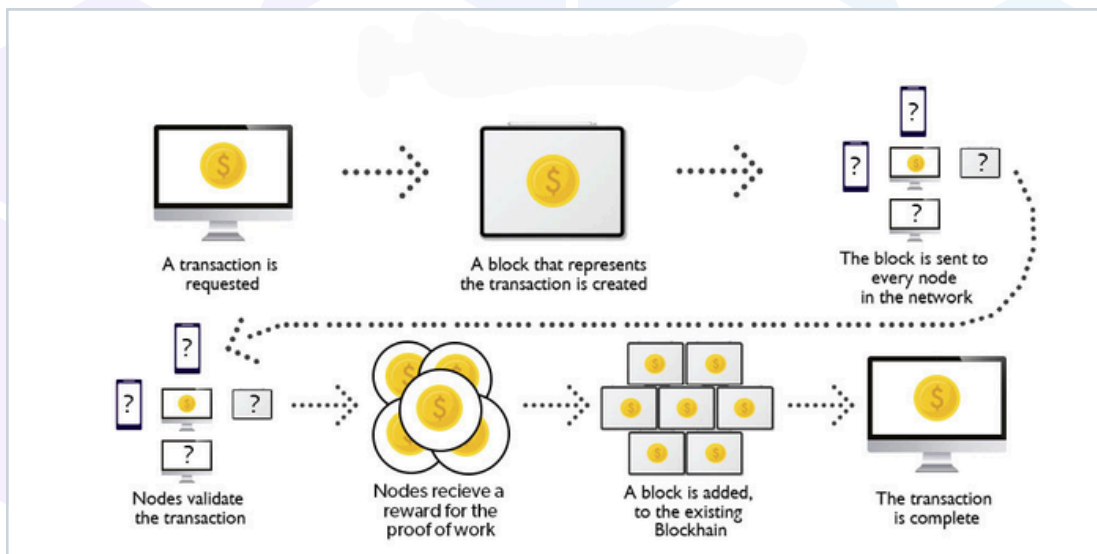
## The Transformative Power of Blockchain Technology

Blockchain technology has emerged as a revolutionary force, reshaping industries by providing transparency, security, and decentralization. Its unique structure allows for the creation of immutable records, making it an ideal solution for various applications beyond cryptocurrency.

### What is Blockchain?

At its core, blockchain is a type of distributed ledger technology (DLT) that securely records transactions across multiple computers. This decentralized approach ensures that no single entity has control over the entire database, making it resistant to fraud and tampering. Each transaction is grouped into a block, which is then linked to previous blocks, forming a chain—hence the name blockchain.

### How Blockchain Works?



### Tokenization using blockchain technology.

Tokenization using blockchain technology is revolutionizing the way we manage and trade assets by converting physical and digital assets into digital tokens. This process enhances liquidity, security, and accessibility across various markets.

**Identifying Assets** – Physical assets such as real estate, diamonds, and raw materials (copper ore) are selected for tokenization.

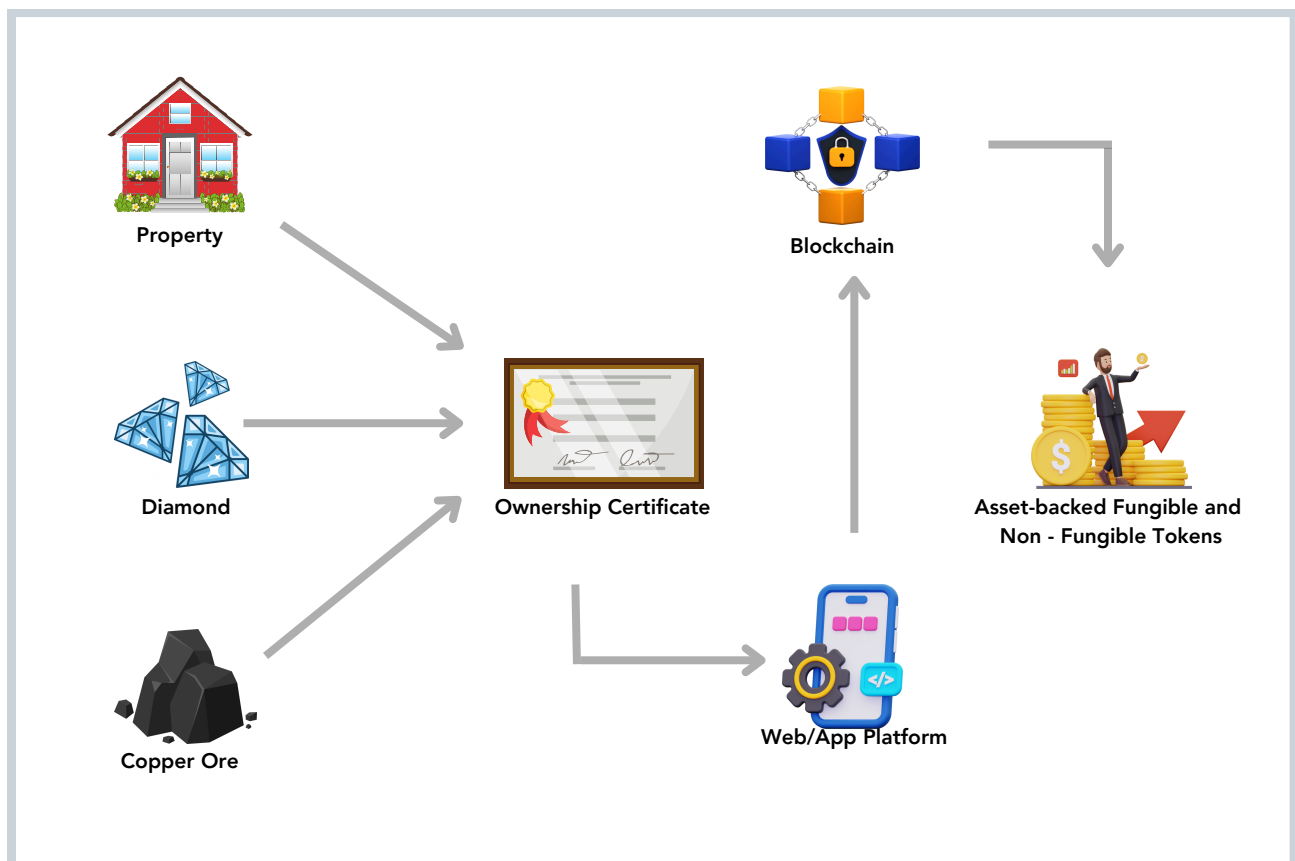
**Ownership Certification** – A digital certificate of ownership is created to verify that the asset is genuine and belongs to a specific owner.

**Blockchain Integration** – The ownership certificate is recorded on a blockchain, ensuring transparency, security, and immutability.

**Asset-backed Tokens** – The assets are converted into fungible (tradable like currency) or non-fungible tokens (NFTs) (unique digital assets) on the blockchain.

**Trading & Investment** – These tokens can now be traded, sold, or used as investments, allowing fractional ownership and increasing liquidity.

### Illustration of Asset Tokenization





## Team Event

### Round of Applause!



Y Rakesh

*"Demonstrated excellent teamwork and project coordination skills for SAP project, effectively managed logistics requirement of Deloitte team at HO in coordination with Travel and Admin team."*



Kishore.KV

*Effective Vendor Management , timely vendor cost evaluation for various IT operations requirement , timely bill submission and coordination with finance for vendor payments*

### Celebrating birthdays in January'25



Yateesh D



### Quote Unquote

“

"Technology, when used with purpose, becomes a powerful force for positive change and limitless possibilities"

”