

Volume 2, Edition 2: September 2024



VISHWAN MAGAZINE



PARIVAR
MORE THAN A TEAM

Vishwa Samudra Kutumbakam: One family, one future



SHRI NITIN GADKARI AWARDS VS GROUP
VSE SECURES INTERNATIONAL FINANCE

VSE's PORT PROJECT IN MULAPETA
NANDI POWER AT NANDHA GOKULAM

Growing Stronger Together: The Vishwa Samudra Parivar way

In this edition of Vishwan I would like to emphasise the key value we have of 'Parivar' that has been the guiding principle to bring our employees together across geographies, caste and creed.

At Vishwa Samudra, we take immense pride in the fact that our organization is not just a workplace, but a true 'Parivar' – a family where individuals from all corners of our diverse nation come together with a shared purpose and vision. At VSE currently, we have employees from over 25 States, each bringing unique perspectives, cultures, and traditions to our collective table. This diversity is our strength, and it is the foundation of the rich, inclusive 'Vishwa Samudra Parivar' culture we cherish.

At Vishwa Samudra, unity in diversity is not just a principle but a lived reality. At our company, we believe in equality and respect, ensuring that all employees are valued and treated fairly, regardless of their religion, caste, creed, gender, or background.

Having always felt fortunate to be in a country like India with diverse opportunities, Vishwa Samudra's quest for showcasing high quality work expands beyond borders as we step out this FY to conquer international territories for infrastructure, manufacturing and beyond. We also give you insights about how VSE became the first Indian Infrastructure company to raise international finance from Switzerland for an Indian project under NHAI (NHLML).

It is also a proud moment for the VS Group to be conferred with the Award for Diverse Impact in Infrastructure Development Award at ABP Live Infrastructure Conclave from the Hon'ble Min. of Road Transport & Highways, Shri Nitin Gadkari.

With the sustainability umbrella being common to all activities at the VS Group, this FY we go deeper into ESG practices as we on-board one of the world's best consultancy firms, PWC (Price Waterhouse Coopers) to synergise with us in increasing our green index and footprint nationally and eventually overseas.

Nandha Gokulam Life School, the pride of the Chinta Sasidhar Foundation at Nandha Gokulam in Nellore starts its first batch with underprivileged boys with a strong group of teachers from across the country, ready to mould these young learners.

In closing, I am deeply grateful to every member of our 'Vishwa Samudra Parivar' for their dedication, hard work, and the warmth they bring to our company culture. I want to express my heartfelt gratitude for your continued hard work and dedication. Together, we have built a strong foundation, and now, with the government's renewed focus on infrastructure, we have the wind at our backs. Let us seize this moment to elevate our company to new heights and make a lasting impact on our country's development.

Thank you, and here's to a future filled with growth, innovation, and success.

Regards,

Dr. Anil Yendluri
Managing Director
Vishwa Samudra Eng. Pvt. Ltd.



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Vishwa Samudra's next marvel on the Indian Coast: Mulapeta Port

The VS group's strong expertise and experience with marine projects is continued by the Construction of the Greenfield Port at Mulapeta, Srikakulam - Andhra Pradesh. A comprehensive project encompassing various critical components essential for port operations and infrastructure development, includes the construction of breakwaters and shore protection, dredging, the construction of general cargo berths and coal berths, port infrastructure, external infrastructure such as roads and railways, and bulk material handling systems.

Client: **Andhra Pradesh Maritime Board, Govt. of Andhra Pradesh on EPC Mode**

Project Cost: **INR Rs 2949.7 Cr (US\$ 359.6 Mn)**

Project Duration: **30 Months**

Salient Features

1. Located 150 Kms North of the Visakhapatnam Port on the East Coast of India
2. Deepwater Port with a draft of 20 meters within a distance of 2.5 Kms from the shoreline.
3. Hinterland Areas: Srikakulam - Andhra Pradesh; Chattisgarh, Jharkhand, Madhya Pradesh and Southern part of Orissa.
4. The Infrastructure Development consists of:
 - **Road:** 13.8 kms
 - **Railways:** 12 kms
 - **Water Supply Line:** 50 kms
 - **Electrical Line:** 13 kms



South Breakwater

BREAKWATER CONSTRUCTION

South Breakwater: 2470 meters & North Breakwater: 580 meters

Material Requirement for Breakwaters

- Core upto 500 KG – 23.74 Lakh MT
- Rock Armour (1 – 2 T Rock) – 4.84 Lakh MT
- Concrete Armour / Indopods – 54,440 Nos

4 Cum – 30,820 Nos

6 Cum – 21,131 Nos

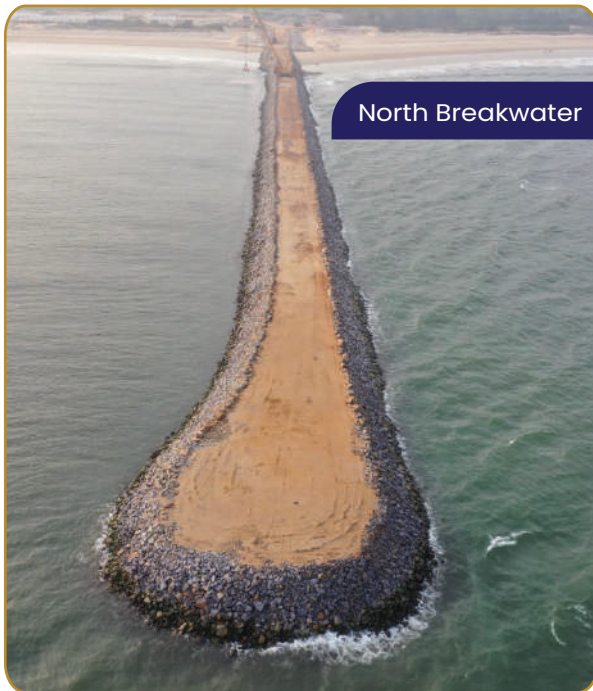
7 Cum – 2489 Nos

VSE's indigenous design and mould engineered 'Indopod'



Work completed As on August 2024

- Quarry run used as Core material on Breakwaters: 12 lakh Tons
- 1-2 Ton Rock used as primary armour: 2.6 lakh TonS
- Indopods Casted: 20,000 Nos
- Indopods Placed: 1,700 Nos



Dredging Requirements

- A total quantum of 15.8 Mil Cum is required to be dredged in the approach Channel to a depth of 19.2
- Turning circle: to a depth of 18.4m
- Berths in front of General Cargo berths: to a depth of 15.5 m
- In front of the Coal berth: to a depth of 17.6m
- Dredging work carried out: 6 million cubic meters in the approach channel

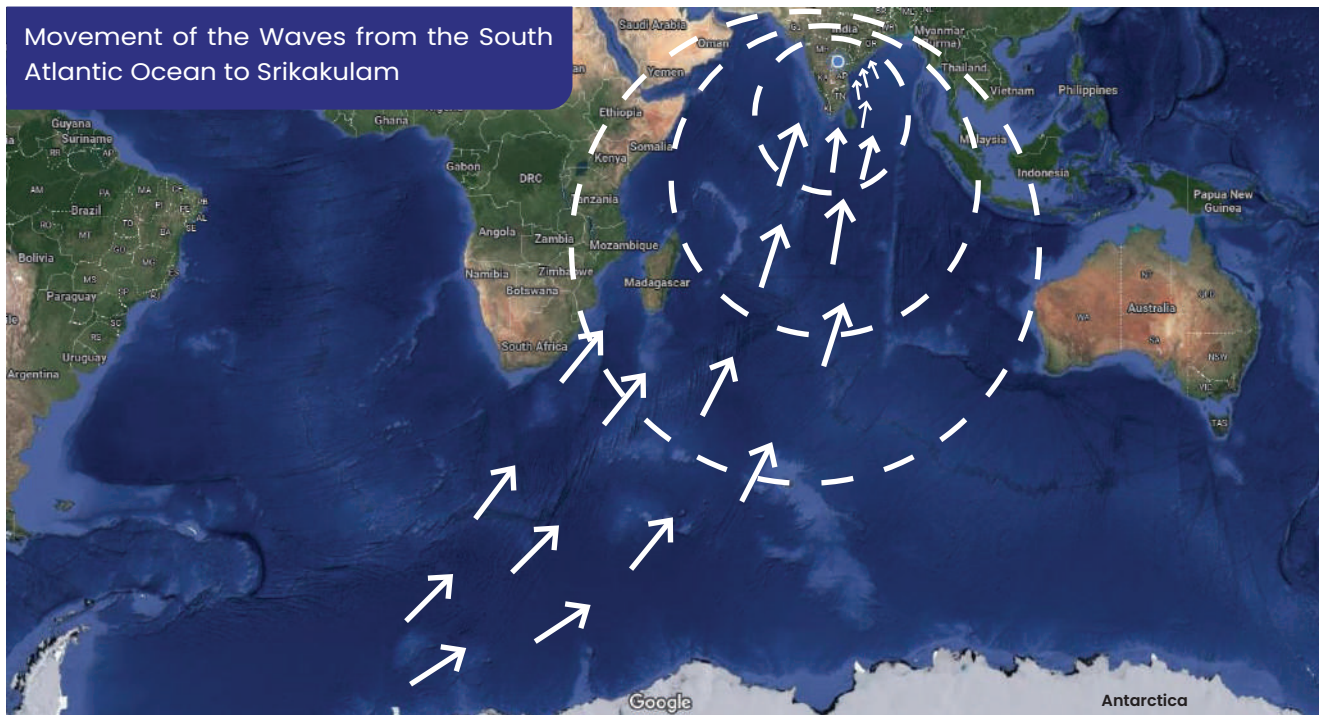
General Cargo Berths

- Total length: 810 m
- Total Piles: 504
- Work done till June 2024: 504 Piles Completed

Turning the Tide: VS Port Team's timely response prevents major disaster

The Vishwa Samudra Port team showed timely response and quick strategic implementation to avoid a major disaster that could have occurred and damaged the construction process at the Mulapeta Port. It was the first week of April 2024 when INCOIS (Indian National Centre for Ocean Information Services) had alerted Mulapeta Port about the low pressure developed in the South Atlantic Ocean close to Antarctica about powerful waves that would be hitting the southern coast of India. Being a time that is not the season of monsoon or cyclones, the VS Port team was in full swing with the construction of the breakwaters, with the core being laid without the protection of the under layer yet. These occasional powerful waves had travelled over 10,000 Kms and were due to hit the east coast of India soon, with the Mulapeta Port being one of the prime impact areas.

The alert notification from INCOIS was analysed by the VS Port team in no time and a strategic plan under the technical leadership of Dr. P.V. Chandramohan and team, and implemented by the headship of VSE MD Dr. Anil Yendluri was actioned - to lay the core along with placing the under-layer and add one layer of the patented Indopod. This ensured the structure became safe, well protected and avoided major destruction of the breakwaters and damage to the coast during the crucial phase of construction. The placement of these Indopods plays a major role in addressing this issue as a slight variation in placement can fail the entire operation. This episode is a classic example of the VS Port team's experience, expertise and quick strategic planning to address the crucial problem that occurred. The timely alert notification from INCOIS must also be appreciated as they continue to service VS Ports with crucial data.



One of the world's largest Trailing Suction Hopper Dredger (TSHD) with a capacity of 40,000 CUM, the HAM - 318, built by IHC, has been engaged and a record quantum of 5 Million CUM has been dredged in a period of 45 days (from the 3rd week of March 2024 to the 4th week of April 2024).



ACHIEVEMENTS & MILESTONES

- VS Ports completed the construction of 800m of length of breakwater by 26.10.2023, 3 ½ months before the targeted date of 11.02.2024.
- VS Ports completed the construction 1000m of length of breakwater by 23.11.2023, 5 ½ months before the targeted date of 12.05.2024.
- Casting of 20,000 Indopods and placement of 1700 units on to construct the breakwaters before end of June 2024.
- Completed the construction of General Cargo Berth piles of 504 Nos well ahead of stipulated milestones.

VSE's unique solution in the Kannur Highway Project for ground improvement

The current Kannur Highway Project: National Highway 17, where VSE is constructing 29.985 Kms over 6 lanes consists of several stretches where the construction sites have challenging ground strata due to its low bearing capacity. To counter this, VSE's R&D and Design teams came up with innovative ground improvement techniques and a protection system plan.

The ground improvement techniques were performed for a length of 3.6 Kms by a combination of perforated vertical drains, stone columns and ground vibration methods. The confined-wrap-fill was used successfully as protection system and interestingly this technique was also used as a retaining structure for large fill heights. This was found to be appropriate for areas where the soil collapses suddenly. These effective solutions have strengthened VSE's position as leaders in innovative road construction across India.



Retaining Wall Ground Improvement



Retaining Wall Ground Improvement



Stone Column installation



Confined Wrap Fill



Perforated Vertical Drains

Kollam Highway soil stabilization by VSE with StabilRoad

The Kollam Highway, National Highway 66, consisting of 6 lanes over 31.5 Kms is one of the key highways that is being constructed in the region by VSE. Soil Stabilization – one of the techniques used for pavement improvement, is a process that VSE has mastered over the years. With the exclusive German additive StabilRoad, VSE has constructed over 1010 Lane Kms saving over 80% stone aggregate, resulting in a **carbon emission reduction of 22,000 tonnes.**

In the Kollam Highway, so far 23.57 Lane Km (82511 Sq.m) of road has been built using the StabilRoad additive, across the main carriage way and service roads. The stabilization is carried out with cement, locally available soils/moorum along with the StabilRoad additive, which ensures durability and a strong pavement.



Cement Spreading in Process



New CTB Layer Stabilization in Progress

Wealth out of waste by Kollam Project Head Mr. Rajasekaran Ramanujam and team



Mr. Ramanujam and team's innovative solution of re-using the waste existing bituminous road materials by milling it, in the Kollam Highway Project, has been considered as one of the most innovative techniques in waste management in the field of road construction. This removed bituminous road materials are then used in the road construction of the cementitious base layer.

The quantity of reclaimed material is approximately 2.11 lakh MT.

**CARBON
REDUCTIONS**

**1247.13 TONS IN
TRANSPORTATION**

**4565.76 TONS IN
MATERIAL REDUCTION**

**TOTAL SAVINGS
5812.88 TONS**

This eco-friendly technique sets an example for other projects across the country showing the reduction for the need of new aggregates, which thereby minimizes the environmental impact of Quarrying, Crushing and Transportation. Mountains can be saved with such innovative techniques, ensuring the carbon footprint on road construction can be reduced, in addition to the cost and time saved on producing new aggregates. By not eliminating the waste material, it also eliminates the process of disposal, thereby reducing material pollution. In total it also improves the air quality as the activities of quarrying, mining, crushing and transportation are reduced. This is one of techniques by VSE which demonstrates its commitment to sustainable road construction.



Accumulated Reclaimed Material



Existing Road Milling in Progress

ISO Audits drive Quality, Environment and Occupational Health & Safety at Vishwa Samudra

The last quarter witnessed key initiatives being rolled out in keeping with Vishwa Samudra Engineering's (VSE) vision to be a leading technologically driven sustainable civil construction company, which have ensured the HR Department created composite drives for all the existing and new employees. This ensured a productive and reliable workforce compatible with 'Brand VSE'.

Three ISO audits and recertifications took place during this tenure in Kollam, Paravoor & Hyderabad:

1. ISO 14001:2015 Environment Management System
2. ISO 9001:2015 Quality Management System
3. ISO 45001:2018 Standard for the Occupational Health and Safety



People development and welfare has always been the HR department's top priority, therefore keeping the employees motivated and engaged, the department organised a series of workshops for the middle and senior management staff.

Situational Leadership: May 7 for 10 people

Planning and Time Management: May 9 for 10 people

Emotional Intelligence: May 16 for 11 people

Interview Skills: May 23 for 11 people

Other initiatives like: Talks, workshops, consultations and similar activities with reputed organisations like the Art of Living, KIMS Hospital, apart from internal team building activities working in the ethos of the Vishwa Samudra Parivar.

Safety of employees, the biggest priority at Vishwa Samudra

The construction industry, with its dynamic and often hazardous working environments, presents significant safety and health risks to its workforce. Indicating that on average, 38 fatal accidents occur per day in the Indian construction sector, totaling 11,614 fatal accidents. This rate is compounded by a 30% higher incidence of non-fatal occupational injuries and illnesses compared to other industries.



Spearheading Safety: VSE MD Dr. Anil Yendluri

These statistics highlight the urgent need for interventions to mitigate these risks. Research indicates most construction accidents/injuries are preventable through the reduction or elimination of exposures that leads to Safety and Health hazards. Constant monitoring and proactive measures are crucial in identifying and addressing Unsafe Acts & Unsafe Conditions promptly.

In the ever-evolving world of construction, safety is not merely a requirement—it is our foremost commitment. At the Vishwa Samudra Group, we prioritize the well-being of our workforce and stakeholders above all else, which is why we have developed **“Safety Eye,”** an innovative tech tool designed to revolutionize safety management across our projects. This article explores the innovative features of **“Safety Eye”** and its profound impact on enhancing workplace safety through crowdsourcing.



The Varanasi Ropeway Project wins the 2024 Apex Gold Award for Occupational Hazard and Safety in the Construction Sector, one of the most prestigious awards in the industry, under the guidance of VSE Resident Dr. & CEO



Dr. Barun Pal Chowdhury

Empowering Safety Through Innovation

“Safety Eye” harnesses the QR code technology, ensuring easy access via any smartphone equipped with a QR code scanner app. This user-friendly approach allows to report safety issues promptly and efficiently. The web-based interface further simplifies the reporting process, making it accessible from any location with internet connectivity.

Strategic Deployment for Maximum Impact

It is mandatory to implement the **“Safety Eye”** tool across all projects at the VS Group including key locations like Kannur, Kollam, Paravoor, Varanasi, Mulapeta, and Jammu. **“Safety Eye”** facilitates continuous reporting, correction & monitoring of safety incidents. This strategic deployment underscores our commitment to maintaining robust safety protocols across diverse construction sites.

Inclusive Reporting for Enhanced Vigilance



“Safety Eye” encourages initiative-taking safety engagement by enabling both employees and the public to report an Unsafe Act, Unsafe Condition, and Near Miss. Site specific QR code with a step-wise guide is displayed in offices and at strategic locations at sites in multiple languages as per the site requirement. Training to workforce is imparted and live demos are given, thus enabling users to submit reports by using various options that include: clicking photos directly, photo uploads from phone gallery, typing and/or voice recordings regarding safety issues to be reported. This inclusive reporting capability fosters a culture of shared responsibility and vigilance, ensuring that all safety concerns are promptly addressed.

Centralized Oversight for Swift Action

All safety reports are managed centrally from the **Command Control Centre (CCC)** at the Head Office in Hyderabad. This centralized approach ensures that reported incidents are promptly addressed, facilitating coordinated responses and initiative-taking risk management.

The “Safety Eye” – Structured process

The reported issues are directed to the appropriate departments, copied to Project Head, Site Safety Head for immediate action, ensuring that the Corrective and Preventive Action under the MCBR (Mistake Cannot Be repeated) policy are taken and the issue is rectified. This system not only enhances the safety of individual workers but also contributes to the company overarching to achieve a ZERO HARM policy.

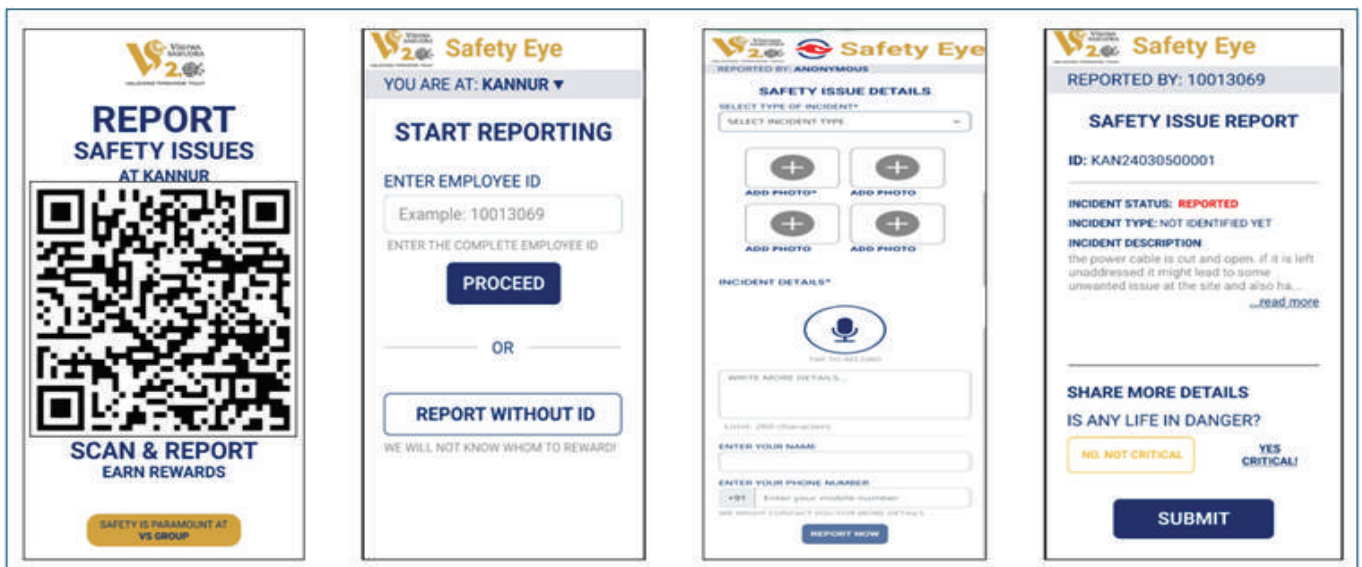
Well Aligned with Global Best Practices

Such initiatives align with global best practices and recommendations for safety and health programs in the construction industry. For instance, the American Society of Safety Professionals emphasizes the importance of emergency response standards and mental health awareness. Similarly, OSHA’s Recommended Practices for Safety and Health Programs in Construction business provide a comprehensive framework for hazard identification, prevention, and control. These resources offer valuable insights and strategies that can further support and enhance the effectiveness of programs like “Safety Eye.”

Conclusion

“Safety Eye” by the Vishwa Samudra Group sets a new standard in construction safety management, blending advanced technology with initiative-taking safety practices. By empowering both employees and the public to actively contribute to safety monitoring and incident reporting, this innovative tool not only eliminates/mitigates risks but also reinforces our commitment to our motto “Safety is paramount and takes precedence over all other activities” and the well-being of our workforce and communities.

3 Easy Steps to save Life, Environment & Property – Mobile phone screen shots



Vishwa Samudra makes life easy for employees with HRMS tool Darwinbox

Vishwa Samudra's digital transformation journey leaps ahead with the launch of its state-of-the-art Vishwa Samudra Human Resource Management System (VS HRMS) that transforms talent management and enhances employee experience by unifying the entire employee lifecycle on one platform. Darwinbox, the cloud-based VS HRMS demonstrates its strong commitment to modernizing HR operations, improving efficiency, and empowering employees with digital tools. It also lays a foundation for further innovations in workforce management. This innovative platform is designed to elevate the employee experience to unprecedented heights, setting a new benchmark for excellence.



BENEFITS

- User-friendly Employee Experience to manage their information, requests, and benefits
- Better Workforce Management
- Adds a Strategic layer to the HR function
- Data-driven insights for better reporting and decision-making
- Scalability and flexibility adapting to the growing organizational needs and changing business requirements

VSE becomes the first Indian Infrastructure Company to secure a Swiss Bank Loan for an NHAI (by MoRTH) Project

In a groundbreaking move that could reshape the landscape of financial transactions in India, VSE has successfully secured a loan of upto EUR 40 Mn from a prominent Swiss bank for the Varanasi Ropeway Project under NHLML (National Highway Logistics Management Ltd. – a subsidiary of NHAI). This landmark deal is not just a financial agreement but a pioneering initiative that signals a new era for the Indian market, making it more accessible and attractive to foreign loans and investments.

This pioneering initiative is a result of VSE's dynamic Finance team with its strong financial network globally, more specifically Europe, and VSE's credibility and track record of work which ensured the best rates were available for this financial agreement. The Varanasi Ropeway Project in Uttar Pradesh, in the Hon'ble Prime Minister's constituency, is the first urban ropeway in India and the second in the world. Being an iconic project commissioned by NHLML in the HAM Model, the loan facilitates payment to the OEM technology partner Bartholet Maschinenbau AG from Switzerland, which will be manufacturing the equipment in their facility in Flums and exporting to India.

This move by VSE to source funding from Xport Finance Ltd., Zurich, Switzerland with SERV as the export credit agency, demonstrates the confidence that European financial institutions have on VSE and Indian infrastructure projects.

Opens doors for future foreign investments

For years, Indian companies have primarily relied on domestic financial institutions for funding, especially in the infrastructure sector. While this has provided a stable source of capital, it has also limited the scope of financial strategies available to Indian businesses. This loan is more than just a financial lifeline for VSE; it is a strategic manoeuvre that could open the floodgates for future foreign investments in India for other infrastructure companies. By successfully navigating the complexities of international finance, VSE has set a precedent for other Indian businesses, particularly in sectors that require substantial capital for long-term projects. This deal could serve as a blueprint for similar transactions, encouraging more Indian companies to explore foreign loans as a viable alternative to traditional domestic funding sources.

Welcoming New Leadership

The VS Group recently hired 2 highly accomplished finance executives to further strengthen its finance team. This strategic move underscores the company's commitment to financial excellence and sustainable growth.

- **Mr. Harish Agrawal**, President – Finance, Planning & Control, comes with him an impressive background and a wealth of experience of over 20 years in Corporate Planning and MIS, Risk Management, Capital Raising and Structuring, Cash Flow Management, Credit Rating, Treasury Management and Stakeholder Management, having worked in various industries including construction, infrastructure, airports, and media.
- **Mr. Ajay Agrawal**, President – Investor Relations, brings with him over 18 years of experience in partnering with founder and management teams for Business Decisions, Driving Efficient Growth, Corporate Strategy, Management Governance, Project Management, Data and Analytics, honing his expertise in the field of Corporate Strategy, Business and Financial Planning, Distribution Strategy & Development, Business Transformation, MIS Structure and Automation.



Welcoming Harish Agrawal



Welcoming Ajay Agrawal

Vishwa Samudra opens its Finance Team's new office in Kuber City Mumbai

Vishwa Samudra's Mumbai office in upscale Santacruz gets a contemporary makeover making it more modern, comfortable, and efficient for our employees, fostering collaboration and innovation. The newly refurbished office space of over 4700 Sq.ft. will feature state-of-the-art cabins, a conference room and ergonomic workstations equipped with the latest technology, and inviting common areas designed to promote creativity and teamwork.

The office would have teams across VSH Finance headed by VS Group CFO Mr. Abhishek Jalan, VSE Tenders and the office of the Executive Director Mr. Shivdutt Das.

The newly refurbished office was celebrated with a 'Meet & Greet' event on June 28th with guests coming in with their wishes and blessings.



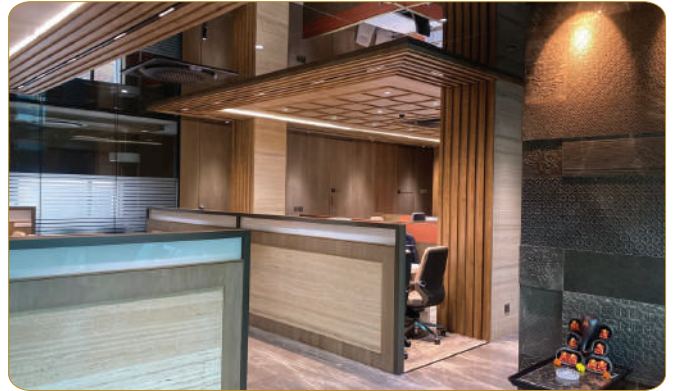
Reception Area



Guest Seating Lobby



Cabin



20 seater capacity

8 Cubicles

5 Cabins

Conference Room



Segmented workstations



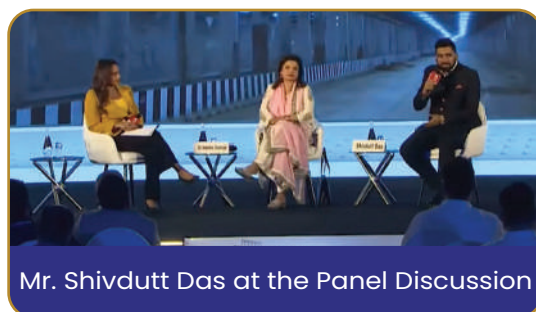
VS Group conferred with Diverse Impact in Infrastructure Development Award at the ABP India Infrastructure Conclave 2024

The Vishwa Samudra Group, was felicitated with the prestigious Diverse Impact in Infrastructure Development Award by Shri Nitin Gadkari, Honorable Minister of Road Transport & Highways, Government of India at the ABP India Infrastructure Conclave in New Delhi on Aug 28, 2024. The award acknowledges Vishwa Samudra's proficiency in handling complex projects across the company's portfolio which includes road constructions, marine structures, ropeways, bridges, tunnels, irrigation projects and airport runways and was collected by VS Group ED Mr. Shivdutt Das on behalf of the group. The recognition in this category highlights the company's commitment to delivering turnkey projects across various sectors.

Winning this award in the hugely prestigious ABP Live India Infrastructure Conclave 2024 among other players like Adani Ltd. and L&T Construction shows Vishwa Samudra's rapid rise as in infrastructure player in India cementing its strong position across all verticals. Mr. Shivdutt was also a panelist in the session on Urban Mobility Solutions.



Shri Nitin Gadkari presenting the award to VS ED Mr. Shivdutt Das



Mr. Shivdutt Das at the Panel Discussion



Key Guests visiting at VSE Work Sites

Hon'ble Union Minister of State for Rural Development and Communications Sri Dr. Pemmasani Chandrasekhar visiting on June 19, 2024 to understand the green technology used in Road Construction for Rural Roads across Uttar Pradesh



Hon'ble CM of Uttar Pradesh Sri Yogi Adityanath visiting at the Varanasi Ropeway site on June 14, 2024



Vishwa Samudra in the Media

Bridges on the Brink: Tendering design faulted for collapse

Road ministry officials say central bridge projects perform better than state ones due to stricter checks and balances

DEBANCHAND SAHA, APARTHA PRASAD & DEEPAH PATEL
New Delhi (Hindustan, 10)

The road ministry is looking to improve its tendering process, and might collapse the current process in the past year and tendering process, and a better bidder, and a better engineer. This comes from ministry officials, and not consultants.

Delhi Airport's 11th runway expansion, by another incident at Indira Gandhi Airport in Goa day later. At least six cases of flooding or other category of incidents reported at all airports over the past year.

In other sectors, design bridges have been like a sieve in the past year.

According to the minister's reply to a question in Parliament last week, bridges had been built in the past year.

Some road ministry officials believe that central government should take the lead in building bridges, and that the state government should be responsible for maintaining them.

Shivdutt Das, executive director of Vishwa Samudra Group, said the need to improve the tendering process is the lowest bidder in price and quality. He says, "The price is competitive, and the lowest bidder should not overbid."

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ROADS & HIGHWAYS
REGAINING MOMENTUM

INSIDE
FEATURE
• ROAD SYSTEMS
• CRUSHERS & SCREENS
SPECIAL FOCUS
• CEMENT

AMANS INDIA
KONE
NFRA

COVER STORY - VISHWA SAMUDRA

We are leading significant highway development projects across India.

SHIVDUTT DAS
Executive Director, Vishwa Samudra Group

The government has set a target of 2-lakh km network by 2037. How do you compare the goal and the progress of the highway projects in India?

Infrastructure plays an important role in driving the progress and success of a nation, and the road network is a vital component of this infrastructure. We commend the National Highways Authority of India (NHAI) for its remarkable efforts in advancing the country's road network through visionary planning and efficient implementation.

The goal of constructing 2 lakh km of NHAI network by 2037 is undoubtedly ambitious, but we believe it is achievable given the commendable ecosystem created by NHAI. NHAI initiatives have streamlined processes such as contractor scrutiny, bidding, and financing, making it easier and faster for contractors to contribute to the construction of highways across the country. The progress has been remarkable, with a noticeable increase in highways across the country, including both Greenfield and brownfield projects. NHAI's efforts have not only expanded the highway network but also significantly improved the quality of roads, setting a high standard for road infrastructure nationwide.

The Interim Budget 2024 has allocated significant funds for roads and highways for the year 2024-25. How do you look at the opportunities for you in the year ahead?

For infrastructure companies like ours, these allocations present ample opportunities, but our focus remains on ensuring timely project execution and delivery. At Vishwa Samudra, we take pride in our reputation for uncompromised quality and swift project completion & our commitment to complete project deadlines rapidly and consistently.

Moreover, we understand the importance of diversification, and our portfolio extends beyond roads to include other verticals such as Ports, Fishing Harbours, Urban Roadways, and Irrigation. This diversified approach enables us to capitalize on opportunities across various sectors while maintaining a strong foothold in our core competency areas. Looking ahead, we are poised to leverage the opportunities presented by the Interim Budget allocations to further expand our presence and contribute to the nation's infrastructure development. Our focus on quality, efficiency, and diversification positions us well to



CONSTRUCTION TIMES | April 2024

India's First Urban Ropeway in Varanasi To Be Commissioned By 2025-End

Vishwa Samudra - 3-4 minutes

Vishwa Samudra Holdings Pvt.—the engineering, procurement and construction contractor for India's first urban ropeway in Varanasi—expects the project to be commissioned by the end of 2025, despite construction delays at two stations owing to land acquisition hurdles.

Launched with fanfare by Prime Minister Narendra Modi in his parliamentary constituency in March 2023, the project has seen the completion of three stations. However, the 'Godwari' and 'Girga' stations are held up as the land needed for the infrastructure is yet to be acquired by the Varanasi Development Authority.

"The process is taking time as the local development authority has to demolish buildings, which will also require the displacement of people to construct the towers," Shivdutt Das, executive director of Vishwa Samudra, told NDTV Profit in an interview. "We have already completed the construction of three stations and are hopeful the land for the remaining two will be provided soon," Das said.

"National Highways Logistics Management Ltd., a subsidiary of National Highways Authority of India, along with state authorities is working on clearing land for the rest two stations," Das said.



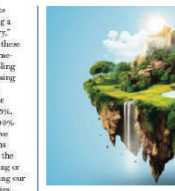
The five stations under the project include Varanasi Cantonment, Vidyapeeth (Bharatmata Mandir), Rath Varna, Girga Ghar, and Godwari Chowk.

The 4-km stretch will feature 150 gondolas or cable cars running at a height of 40 meters from the ground and capable of carrying around 90,000 people daily.

of innovative technologies like StabRoad, we are witnessing a paradigm shift in the industry."

He adds, "The adoption of these German technologies is a game-changer in the industry enabling us to construct roads by utilizing the existing soil surface and minimising the need for stone aggregate extraction up to 60%. This technology employs a 100% natural mineral based additive that activates and strengthens the existing soil, eliminating the necessity for mountain blasting or mining operations. By reducing our reliance on quarrying activities, we significantly mitigate the environmental impact on natural landscapes. We also contribute to land restoration efforts by minimising resource extraction."

WORLD ENVIRONMENT DAY 2024



Why the Crisis Signifies Nature Matters for Business and the Economy

UN Environment Programme's article *Decade on Ecosystem Restoration* defines ecosystem restoration as assisting in the recovery of degraded ecosystems and conserving intact ecosystems. Restoration can involve planting or reseeded pressure to allow nature to recover independently.

For countries to thrive, addressing land degradation is essential. The UNEP's 2021 report *Restoring Ecosystems for People, Nature and Climate* states that recent economic development has often come at the expense of biodiversity and ecosystem services, which is unsustainable, particularly for low-income countries reliant on ecosystems for their livelihoods and well-being.

Similarly, the World Economic Forum's report *Nature Risk Rising*:

governance (ESG) reports of major Indian corporates. The growing adoption of ESG principles by businesses globally, along with their vigorous implementation in India, suggests a potential for exponential growth in land restoration efforts.

Ana Chandhary, Partner, Global Head of ESG Consulting says, "By embedding land restoration into their ESG strategy, Indian corporates can play a pivotal role in addressing land degradation while enhancing their sustainability performance and resilience. The Taskforce on Nature-related Financial Disclosures (TNFD) provides a framework for corporates to assess, disclose, and manage nature related risks and opportunities."

She adds, "Aligning land restoration efforts with TNFD recommendations can enable Indian corporates manage risks, enhance sustainability, and support community development leading to a more resilient and sustainable future."

India Inc. Leads Land Restoration Planet And Profits

#GenerationRestoration

With \$44 billion of economic value generated over half of the world's GDP—dependent on nature, Business must place nature at the centre of their operations

India Inc. is leading the way in land restoration, with major corporations like Tata, Reliance, and Infosys investing in large-scale projects. These efforts are not only restoring natural ecosystems but also creating economic value through sustainable practices. The government's support and the growing awareness among consumers are driving this movement forward.

Shivdutt Das, Executive Director of Vishwa Samudra Group, says, "We are committed to pioneering sustainable road construction practices that prioritise environmental conservation and land restoration. With the advent

To Read the Articles, Visit www.vishwasamudra.in/media/

Revolutionising road construction: Building sustainable roads for tomorrow

June 4, 2024



Dr. Anil Kumar Vendiuri - Managing Director, Vishwa Samudra Engineering

India has built an extensive road network that is vital for transportation, trade and commerce. With a road network of over 6.5 million km as of March 2023, it has the second largest road infrastructure after the United States. With road density of about 1.94 km per sq km of land, India's road infrastructure is comparable to that of Hong Kong. This extensive road network facilitates the transportation of 64.5 per cent of goods within the country while approximately 90 per cent of India's total passenger traffic relies on these roads for commuting. However, traditional road construction methods have a significant impact on the environment, contributing to deforestation, breaking mountains, soil erosion, and carbon emissions. While constructing roads, factors like land preparation, emissions from concrete, asphalt, steel and construction vehicles collectively contribute to environmental degradation, conflicting with India's goal of achieving net zero emissions by 2070. To address these challenges, the construction industry is transitioning to sustainable methods that prioritise environmental protection, durability and cost-efficiency. This marks a new phase in infrastructure development, promising to transform road construction for a more sustainable future.

Innovation in materials and techniques for sustainable highways

At the heart of sustainable road construction lies innovation in materials and techniques to build better roads for a greener future. Traditional asphalt, derived from fossil fuels, has long been the standard material for constructing road surfaces. However, its production process generates substantial greenhouse gas emissions and relies heavily on non-renewable resources. In contrast, alternative materials such as recycled asphalt pavement (RAP), recycled concrete and bio-based binders offer promising solutions to mitigate environmental impacts. RAP utilises reclaimed asphalt from existing roads, reducing the demand for new aggregates and cutting emissions associated with asphalt production by up to 20 per cent, as per recent studies. Similarly, incorporating recycled concrete into road construction not only diverts construction waste from landfills but also reduces the need for virgin aggregates, conserving natural resources.

Election 2024 Results: Here is what India Inc is betting on as Exit Polls signal a third term for Modi

Experts and industry leaders said that while India's economy is projected to grow at 6.8 per cent in FY25, surpassing other major global economies, all eyes are on the new

Shivdutt Das, Executive Director, Vishwa Samudra Group

Irrespective of the election results, the country has to stay committed to the development agenda. Infrastructure development which has taken centre stage over the last decade is a continued journey and the government is expected to strengthen this further with much more investment and innovative schemes encouraging private participation.

Earth Day 2024: Why green initiatives can fall short

From cutting carbon footprints to embracing cutting-edge eco-solutions, companies worldwide are reimagining their operations for a healthier planet.



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"Irrespective of the election results, the country has to stay committed to the development agenda. Infrastructure development which has taken centre-stage over the last decade is a continued journey and the government is expected to strengthen this further with much more investment and innovative schemes encouraging private participation," says Shivdutt Das, Executive Director of Vishwa Samudra Group, an infrastructure company.

Shivdutt Das, Executive Director of Vishwa Samudra Group, echoes this sentiment. "Sustainability is paramount, alongside quality and efficiency," he asserts. Their green road construction technology, StabilRoad, reduces reliance on aggregates, while their Ecolastic compostable packaging replaces single-use plastics. "We take from nature, so we strive to give back," Das says.

Sustainability stands at the core of our purpose, culture, and business, says Binu Philip, Zone Vice President - Human Resources (CHRO), Schneider Electric Greater India. "To drive sustainability, we integrate strong profitability with leadership across all environmental, social, and governance (ESG) aspects. We engage our entire ecosystem, including employees, supply chain partners, customers, local communities, and institutions, in our journey."

Higher provisioning may slow infra sector, but good for long term: Industry

While some other executives from the power industry say it may refuse to comment on the move



"This will prove a hurdle for the infra development projects envisaged for the next decade by the central and state governments. This will not be a priority sector for banks as higher provisioning will cause stress for bankers. I also see a larger impact on EPC (engineering, procurement, and construction) and real estate companies, which are primarily dependent on debt. This will have a ripple effect on the growth of financial institutions, which have demonstrated stable performance with financing projects and driving economic growth," says Shivdutt Das, executive director, Vishwa Samudra Group, which is engaged in various infrastructure projects, including roads.

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On any anticipated rise in finance costs for road projects, he adds: "To manage a balance between the profitability of the bank and the load of reserve ratios, they may not bring this at the project level but spread it across sectors or overall book, giving minimal impact to one specific sector. Infra ticket size is something every bank wants."

Amritha Pillay Dhruvaksh Saha | Shreya Jai | Mumbai/New Delhi

4 min read Last Updated : May 08 2024 | 10:29 PM IST

Comment

The screenshot shows the Entrepreneur India website interface. The article headline is "Vishwa Samudra Group Targets Revenue Of \$1.8 Billion By 2027". The sub-headline reads: "The company is focusing on expanding their operations overseas, with particular interest in entering the African and South American continents." The byline is "BY ENTREPRENEUR STAFF JUN 2, 2024". There is a "Share" button and a note "You're reading Entrepreneur India, an international franchise of Entrepreneur Media."



Transforming urban connectivity: Ropeways as the sustainable solution for modern cities

India commissioned its first tourist ropeway back in 1968, connecting Darjeeling with neighbouring hills to boost tourism, laying the early foundation for cable car transit. States like Himachal Pradesh, Jharkhand, Jammu & Kashmir, Tamil Nadu, and Uttarakhand, among others, witnessed ropeway development over decades, addressing connectivity gaps in tourist destinations.

Business leaders expect greater investments in clean energy and infra under Modi 3.0

Should these projections materialise into reality, the third term for Prime Minister Modi would further strengthen India's sustainability initiatives.



PARIVAR
MORE THAN A TEAM

Vishwa Samudra Kutumbakam: One family, one future

Message from **Mr. Shivdutt Das** – Executive Director, Vishwa Samudra Group

Embracing the Culture of Forgiveness

Dear Vishwa Samudra Parivar,

As I stand before you today, I am reminded of the core value that has shaped our organization from the very beginning – the belief that we are more than just a company, we are a Parivar – the Vishwa Samudra Parivar – a family. We are more than a team, much beyond it.

One of the key aspects I would like to touch upon is to embrace the culture of forgiveness in our professional setup at work, something that we do in our personal lives but are not open to practising in our professional lives. **Embracing a culture of forgiveness in the workplace is vital to fostering a positive and collaborative environment.** In any office, misunderstandings and mistakes are bound to happen, but when we practice forgiveness, we create space for growth, learning, and stronger relationships. Forgiveness allows us to move beyond resentment, focusing instead on solutions and shared goals. It promotes open communication, trust, and empathy, helping us work together more effectively. When we forgive each other's missteps, we not only strengthen our bonds as colleagues but also build a resilient and supportive team that thrives on understanding and mutual respect.

Also, in the Vishwa Samudra Parivar, we do not wait for someone else to take charge – we take ownership. We support each other, we stand by one another, and we work with the collective goal of uplifting the entire group – across verticals, across group companies and across functions.

The growth of the group and the Parivar go hand-in-hand. As we move forward, let us remember that it is this unity, this sense of togetherness, that will carry us through challenges and drive us toward success in the long run. When we work as a family, supporting and believing in each other, there is no obstacle too great and no goal out of reach. Each of us has a responsibility not only to ourselves but to the team as a whole. If we remain committed to the values of the Vishwa Samudra Parivar – ownership, support, and collective growth – our journey ahead will be brighter, stronger, and more fulfilling.

Together, as we conquer more geographic locations – India and overseas, we are unstoppable, and together, we will achieve greatness.

Thank you,

Shivdutt Das
Executive Director
Vishwa Samudra Group

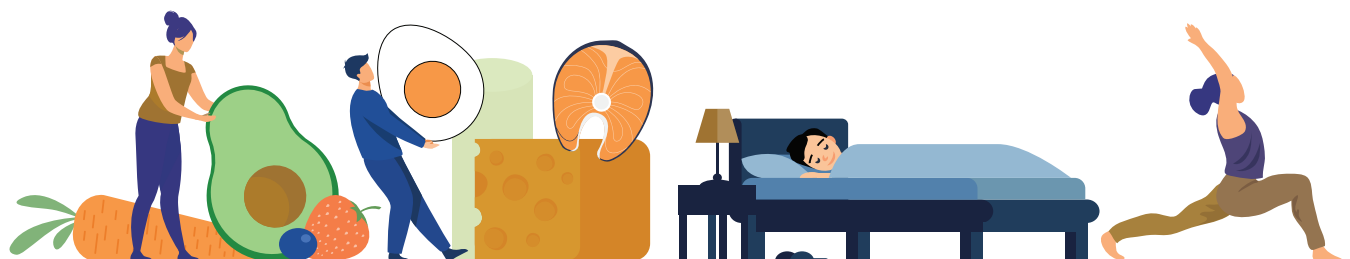


Avoid the Doctor by following Health Tips from Vishwa Suraksha



HEALTH TIPS

- In this edition we cover 2 common health issues that have to be controlled and kept in check to maintain a healthy and happy body.



CHRONIC INFLAMMATION

What

- A natural process that helps the body heal and defend itself from harm; chronic inflammation can lead to various health issues including heart disease, diabetes, cancer, and arthritis. Diet plays a crucial role in managing inflammation.

SUGGESTED DIET

1. Consuming Anti-Inflammatory Foods:

- Fruits and Vegetables: Berries - Blueberries, strawberries and raspberries contain antioxidants and vitamins that reduce inflammation.
- Leafy Greens: Spinach, kale, etc are high in vitamins and minerals with anti-inflammatory properties.
- Cruciferous Vegetables: Broccoli, Brussels sprouts, and cauliflowers are rich in antioxidants.
- Healthy Fats: Olive Oil: Extra virgin olive oil has anti-inflammatory effects.
- Avocados: Packed with healthy fats, fibre, and magnesium.
- Nuts and Seeds: Almonds, walnuts, chia seeds, and flaxseeds are high in omega-3 fatty acids and antioxidants including fish in diet.
- Fish is rich in omega-3 fatty acids and aids in reducing inflammation.

2. Limit Pro-Inflammatory Foods:

- Processed Foods: Avoid highly processed foods. Foods high in trans-fats such as fast food, fried foods, and packaged snacks, can increase inflammation.
- Sugars and Refined Carbs: Reduce sugar intake. Limit consumption of sugary drinks, desserts, and candies.
- Avoid Refined Carbohydrates: -White bread, pastries, and other refined grains which can spike blood sugar and promote inflammation.
- Processed Meats: Limit processed meat intake. Reduce consumption of processed meats like sausages, hot dogs, and bacon, which can increase inflammation.

3. Incorporate Anti-Inflammatory Spices and Herbs:

- Turmeric: Contains curcumin, a powerful anti-inflammatory compound pairing with black pepper to enhance absorption.
- Ginger: Ginger has anti-inflammatory and antioxidant properties. It can be added to tea, smoothies, and meals.
- Garlic: Contains sulphur compounds that have anti-inflammatory effects.
- Cinnamon: Cinnamon has anti-inflammatory properties and can be added to various dishes and drinks.

4. Maintain a Balanced Diet:

- Protein: Lean Protein Sources include lean meats, poultry, tofu, and legumes to provide essential nutrients without excess fat.
- Hydration: Water: Stay hydrated to help flush out toxins and support overall health.
- Herbal Tea: Some herbal teas, like green tea and chamomile have anti-inflammatory properties.

5. Promote Gut Health:

- Probiotics: Fermented Foods – Yogurt, kefir, kimchi, and other fermented foods can help maintain a healthy gut microbe.
- Prebiotics: Fiber-Rich Foods – Foods like garlic, onions, leeks, asparagus, and bananas feed beneficial gut bacteria.

6. Lifestyle Factors:

- Regular Exercise: Physical activity can reduce inflammation and improve overall health.
- Stress Management: Practices like meditation, yoga, and deep breathing can help reduce stress and inflammation.
- Avoid Smoking and Limit Alcohol: Smoking and excessive alcohol consumption can increase inflammation.

SUGAR & ITS EFFECTS

1. Weight Gain and Obesity:

- Caloric Intake: Sugar is calorie-dense and can contribute to an excess caloric intake leading to weight gain.
- Increased Visceral Fat Storage: Excessive sugar particularly from sugary drinks can increase fat accumulation, particularly visceral fat.



2. Dental Health:

- Tooth Decay: Sugar promotes the growth of bacteria in the mouth, which produce acids that erode tooth enamel, leading to cavities.



3. Type 2 Diabetes:

- Insulin Resistance: High sugar intake can lead to insulin resistance, a key factor in the development of type 2 diabetes.
- Blood Sugar Levels: Consuming large amounts of sugar can cause spikes in blood glucose levels, contributing to the development and progression of diabetes.



4. Heart Health:

- Increased Risk of Heart Disease: High blood pressure increases body inflammation, which leads to weight gain and obesity. It elevates triglycerides and LDL cholesterol and lower levels of HDL cholesterol.



5. Liver Health:

- Fatty Liver Disease: Can contribute to non-alcoholic fatty liver disease (NAFLD).



6. Mental Health:

- Mood and Energy Levels: Sugar intake can lead to mood swings, fatigue, and irritability.
- Cognitive Function: High sugar consumption may impair cognitive function and contribute to mental health issues such as anxiety and depression.



7. Cancer Risk:

- Increased risk of certain types of cancer due to increased insulin levels and inflammation.



8. Skin Health:

- Acne: Diets high in sugar and refined carbohydrates can exacerbate acne.



9. Digestive Health:

- Gut Microbes: High sugar intake can negatively affect the balance of gut bacteria, leading to dysbiosis and digestive issues.



10. Addictive Properties:

- Cravings and Addiction: Sugar can activate the brain's system like addictive substances, leading to cravings and overconsumption.



Vishwa Nethra extends its eye camps to Jammu and Varanasi for over 1400 employees

The **Vishwa Nethra Eye Camp**, in collaboration with **Shraddha Eye Care Hospital**, has successfully completed its second leg across all the sites in Jammu and Varanasi, screening over 1400 employees. A quick snapshot of the camp is as below.



CHINTA SASIDHAR
Foundation

Presents

VISHWA NETHRA

in association with



SHRADDHA[®]
EYE CARE TRUST

Breaking Barriers, Challenging Stereotypes: Civil Engineer Hasana's Journey at Vishwa Samudra Engineering

Hasana A K, a determined and enthusiastic Civil Engineer from Trishur, Kerala, is making waves in the traditionally male-dominated field of infrastructure projects. After completing her BTech in 2015 and taking a career break to work in her family's transportation business abroad, she found her true calling in Geotechnical Engineering. Driven by her passion, Hasana pursued an MTech in Geotechnical Engineering, which she completed in 2022.

Now, at 31, she is making a significant impact as a Management Trainee Engineer on the Kannur Highway Project at Vishwa Samudra Engineering, where she oversees a crucial 3.6 km stretch involving advanced ground improvement techniques. Being married and a mother to a six-year-old daughter, she manages to balance her professional and personal life with remarkable grace, staying on-site for two weeks at a time before taking short breaks to be with her family.

Hasana's daily responsibilities are extensive and demanding. She manages the execution and monitoring of embankments, installs modern technologies

such as PVD, stone columns, and edge protection systems, and ensures compliance with design specifications. As one of the few women on-site, Hasana's presence is both groundbreaking and inspiring. She firmly believes that gender should not be a barrier in any profession and advocates for more women to join her in on-site engineering roles. Her journey is a testament to the fact that women are equally capable of excelling in demanding environments. Hasana credits her success to the unwavering support of VSE in accommodating her needs under the stalwart Project Head Mr. G Srinivasa Rao, her reporting Mr. Sai Krishna and other colleagues, who have ensured her safety and provide the necessary resources for her to perform her duties effectively

Through her determination, Hasana is not only breaking stereotypes but also paving the way for future generations of women engineers.



Vishwa Suraksha's timely intervention saves an infant's life



Vishwa Suraksha, the health and wellness arm of the Vishwa Samudra Group by the Chinta Sasidhar Foundation, came to the rescue of an employee's child, soon after birth in Vizag recently.

The 4-day old baby developed respiratory complications and was referred to a reputed hospital for an immediate cardiac surgery. Being a long and complicated surgery, costing a high amount, the employee was assisted by the Vishwa Suraksha team to provide financial aid and coordination with doctors to ensure the surgery is done smoothly with no hinderances on the financial part. With a successful surgery over 10 hours and with the baby in the ICU for close to 22 days amidst other complications, the baby recovered finally and was discharged to everyone's relief. Thanks to the Chinta Sasidhar Foundation and Vishwa Suraksha, whose timely intervention saved the life of this baby.

SPCL achieves a logistics milestone of highest Cargo Traffic in a single month



Sea Port Cargo Logistics, the logistics arm of the Vishwa Samudra Group, achieved a milestone of handling the highest ever Cargo Traffic of 2,32,335 Metric Tonnes for a single month, for the month of May 2024. This includes EXIM Cargo of 1,09,040 MT and Project Cargo of 1,23,295 MT.

It is also a matter of pride that SPCL witnessed over 7500 MT movements carried per day to esteemed customers across various locations. The cargo includes commodities like Coal, Limestones and Boulders, which are regularly handled. SPCL has also been handling the movement of INDOPODS for the Mulapeta Port in Srikakulam.



A new era begins for KP Sacks



KP Polyolefin Sacks, one of the manufacturing companies in the Vishwa Samudra Group, that is into making of PP, HDPE woven sacks, Tarpaulins, Fabrics and more, has been on a path of technical innovation and resource optimization, servicing industries across fertilizers, cement, polymers, chemicals, textiles, machinery, automobiles and other packaging needs.

With a capacity to process 900mt of PP/HDPE granules every month, which translates to 9 million linear meters of basic PP/HDPE fabric, in its factory in Nellore – Andhra Pradesh, the company has been reaching out to clients across the country.

KP Sacks was recently part of the Plex Connect Expo in Mumbai from June 7-9, 2024 at BEC, where it showcased its range of products as part of the Andhra Pavilion.

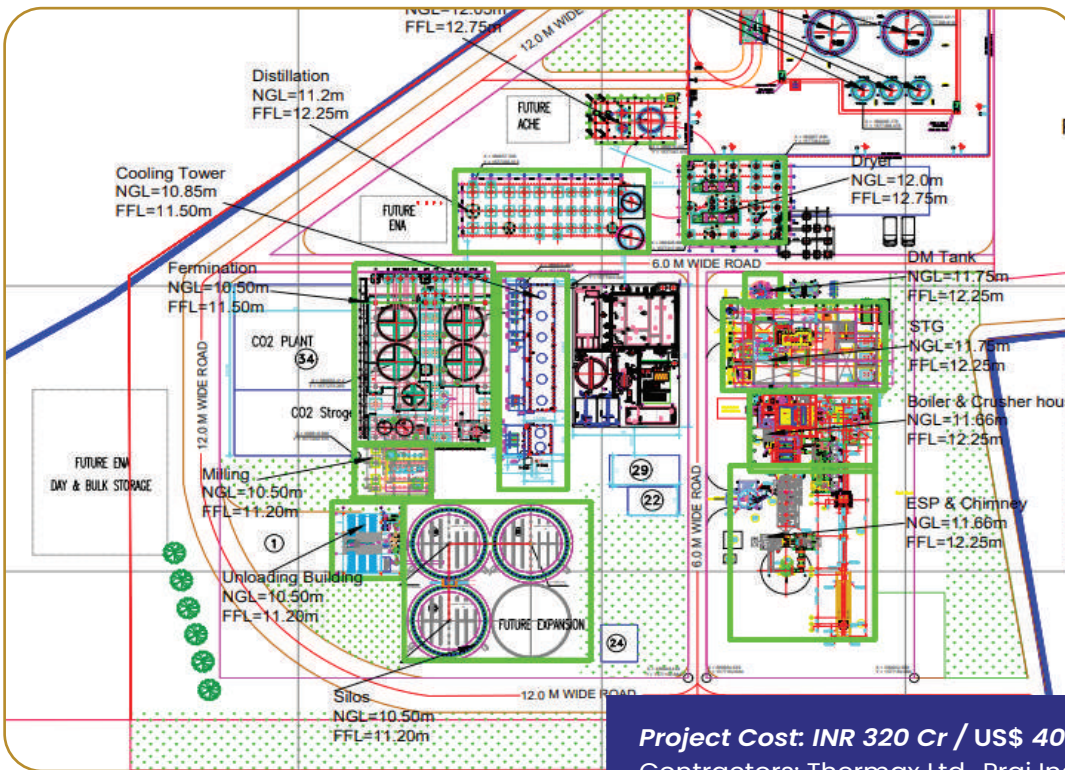


KP Sacks Factory

VS Bio Energy invests ₹320 Cr (US\$ 40 Mn) for its 200 KLPD ethanol factory in Nellore



Vishwa Samudra Bio Energy, the ethanol manufacturing company of the VS Group, is currently undergoing rapid advancements in its factory construction based at the Nandha Gokulam premises close to Nellore, Andhra Pradesh. With construction set to ramp up in the next 7-8 months at the facility, VS Bio Energy aims to bolster the VS Group's presence in the bio-fuel industry with this setup that would have a 200 KLPD grain-based ethanol plant along with a captive power generation plant. With the mandatory requirement of 20% ethanol blending with petrol April 2025 onwards, VS Bio Energy aims to supply ethanol to Oil and Marketing Companies (OMCs) under the GoI Ethanol Blending Programme (EBP) or in the open market around Nellore, Andhra Pradesh.



The Company will primarily produce bio-ethanol and other by-products, such as Carbon Dioxide (CO₂) and Dried Distillers' Grains with Soluble (DDGS), with the feedstock being broken/damaged rice or maize.

Master Plan of the Factory in Nellore

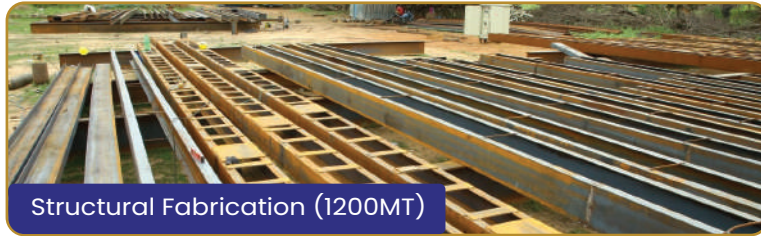
Project Cost: INR 320 Cr / US\$ 40 Mn
Contractors: Thermax Ltd., Praj Industries Ltd., VSE Pvt. Ltd.
Scheduled Commercial Operation Date: March 29, 2025



Representative image once completed



Ethanol Storage Tank Foundations



Structural Fabrication (1200MT)



Fermenters Foundations



Ethanol Storage Tank



RCC Structure for Boiler Installation

Ecolastic triumphs with 2 prestigious industry awards

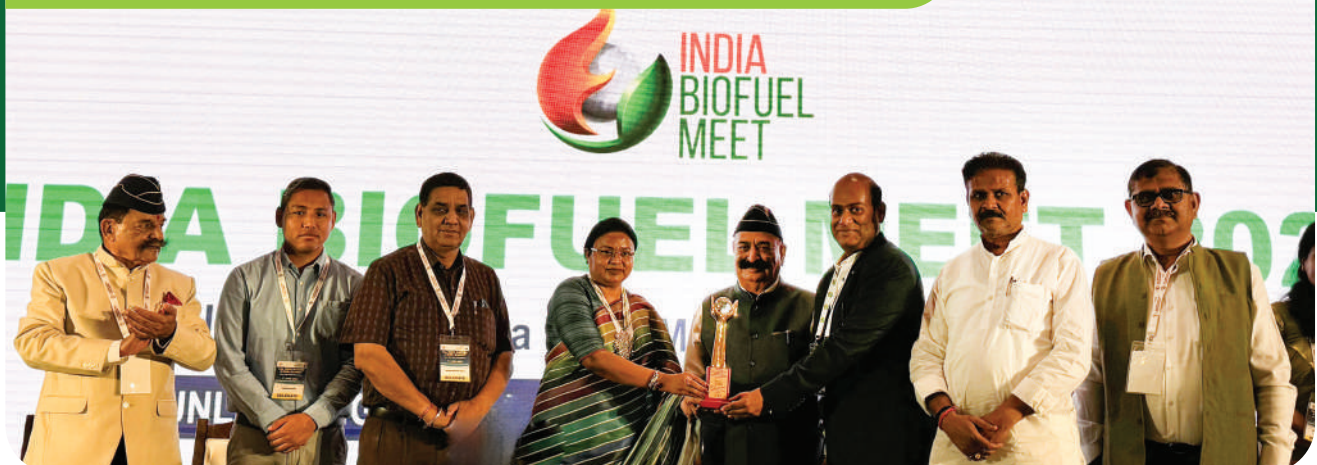


Ecolastic is thrilled to announce that our bioplastics company has recently achieved significant milestones by winning two prestigious industry awards in India. The awards, recognizing excellence in innovation and sustainability, underscores their commitment to developing eco-friendly plastic alternatives that drive positive environmental impact.

1. Best Bioplastic Product Manufacturer at the Bio Degradable Expo 2024 in Uttar Pradesh
2. Fastest Growing Indian Company Achievers Award – Excellence in innovative Bio-Plastic Manufacturing & Research, at the International Achievers Conference, New Delhi.

This recognition comes as Ecolastic broadens its reach across the country, establishing partnerships across industries of manufacturing, electronics, automobiles and components. Ecolastic's expansion not only enhances its production capabilities but also strengthens their ability to lead the bioplastics industry in creating a greener future.

Ecolastic Director Mr. Rajanikanth Siddamsetty collecting the award



Akhinta Residences reaches handover stage



Akhinta Residences, a joint venture between the Vishwa Samudra Group and Cornerstone Properties, is a premium residential property that redefines what it means to live the luxe life. Located in South Bangalore being in close proximity to the CBD, it houses 104 luxury units across 3 towers with 9 floors in each tower.

With architectural influences that are elegant, refined to the tastes of sophisticated global citizens, this project is synonymous with luxury across all its facilities and amenities. Whether it is the lavish pool, the international standard fitness centre or the new age Residents' Club, it has exclusive privileges, unmatched services.

With the reputed Siraj & Renu Project as architects for the project, this will be the new sought-after luxury residential project in the Bangalore landscape.

Price:

3 BHK INR 4.54 Cr onwards

4 BHK INR 5.34 Cr onwards

For more details, call:

+91 8548 854822

Under Construction



Nandha Gokulam Life School opens its doors for Students

India's first high-end progressive school for the lesser-privileged, Nandha Gokulam Life School in Nellore, opened its door for its first batch of boys in June 2024. The occasion of getting started with the operations was marked by an elaborate and auspicious pooja ceremony, seeking the blessings for this new great initiative, ensuring a positive and harmonious environment for the students and staff.

VS Group Chairman Mr. Chinta Sasidhar, VS Group MD Ms. Lakshmi Priyadarshini Chinta and Mr. Chinta Visweswara Rao, with Ms. Nisha Bhakar & Dr. Shashidar



Representative Image of the Upcoming Hostel Block

Nandha Gokulam Life School (NGLS) welcomed its first batch of teachers and non-teaching staff at the campus in Nellore, Andhra Pradesh in May and June 2024, followed by a student admission drive as the school starts its first academic batch this season.

Recruitment & Professional Development

In today's rapidly evolving education landscape, schools are not evaluated merely by their physical infrastructure or facilities alone. The growth and success of an institution also depends significantly on the continuous professional development of its staff. As schools strive to provide a high-quality education to their students, it is essential that their educators remain updated with the latest teaching methodologies, technologies, and best practices.

NGLS embarked on its journey by attracting a diverse group of talented teachers from across the country, including Shillong, Manipur, Dehradun, Jaipur, Ooty, and Pune to name a few. The Chinta Sasidhar Foundation's Education CEO, Ms. Nisha Bhakar, warmly welcomed these educators with a symbolic plant, representing health, nurturing, and growth. This marked the beginning of an enriching experience for the teachers at NGLS.

The induction process commenced with a guided tour of the campus – the larger facility Nandha Gokulam and NGLS, followed by an insightful sharing of the Chairman's vision and mission to educate those who deserve it the most, creating a pivotal moment in this journey.

Next, the focus was on Project-Based Learning, which forms the core of the NGLS teaching pedagogy. The three-day kick-off training session was led by Ms. Bhakar and an expert from Delhi. This inaugural training set the tone for NGLS's commitment to developing its teachers and working in harmony towards a common goal.

Student Admission Drive

After a three-month marathon effort, NGLS conducted its first phase of admission process in Nellore which consisted of the team embarking on a journey to identify deserving students from rural villages, engaging in direct interaction with families to ensure that they reached those who truly needed the support. This extensive outreach process involved multiple entrance tests for Grade 3, 4, and 5 students, the grades the school will be operating with at the start of this academic year.

Once selected students were identified, the NGLS team scrutinised and verified their eligibility by confirming that their parents belonged to the economically weaker sections of society – a key criteria to qualify to be a student of the school. This rigorous verification process ensured that only those who truly qualified for NGLS were given admission. As NGLS teachers prepare for the new academic year, the admissions team is finalizing the student roster, ready to welcome the new learners to NGLS.



First glimpses with the First Batch of Class 5 students

NGLS commenced its academic session with the onboarding of Grade 5 students on August 21, 2024. The day started with the parents getting a tour of the school and the hostel followed by a Parents Orientation session by VS Group Education CEO Ms. Nisha Bhakar. The orientation and tour of the school was to familiarise the parents Vision and Mission of the VS Group Chairman Mr. Chinta Sasidhar, President – CS Foundation, along with briefing the School Rules, Uniform, Facilities, Hostel and the premises across. Each parent was invited to have lunch with their child before bidding adieu. Being an emotional moment for the parents and children, the teachers assured the parents that their children would be happy, safe and secure. The day ended with the parents expressing their gratitude to the Chinta Sasidhar Foundation and the generosity of the Chairman for providing a great learning experience for their children.



Parents trying out food on campus



Ms. Bhakar briefing the parents



Parents at the Computer Lab



Hostel Room

Cultivating Wellness: the medicinal plants at Nandha Gokulam, Nellore



The Nandha Gokulam facility in Nellore is not just about Bulls and the NGLS School, it has a very strong foundation in medicinal plants that are used for Ayurvedic purposes. Growing medicinal plants to produce Ayurvedic medicines is a practice deeply rooted in traditional Indian medicine, which emphasizes the balance of mind, body, and spirit.

Implemented and managed by the prolific Dr. Shashidar, an Ayurvedic expert who has been curing people from illnesses over several years by only checking their pulse, swears by these medicinal plants that are key ingredients for making Ayurvedic medicines.

With the 250-acre facility being the perfect premise for cultivating and nurturing these plants, the current focus in Phase 1 is on 106 varieties of medicinal plants. By growing them in this facility, Dr. Shashidar and his team can ensure the purity, potency, and sustainability of the raw materials that go into the medicines. This approach not only supports the environment through organic farming practices but also preserves ancient knowledge by maintaining the diversity of medicinal plants that are crucial to Ayurveda.

We take you through the 9 most important plants that form the core of medicinal plants at the Nandha Gokulam facility and the illnesses/disorders they are used for treating.



ARJUNA

Helps in cardiovascular conditions, blood pressure regulation, inflammation, cholesterol and wound healing.



BILWA

The extracts are used in treating digestive disorders such as diarrhoea, dysentery, and irritable bowel syndrome. Respiratory problems like asthma and bronchitis.



BAHERA

Helps in promoting gastrointestinal health, supports detoxification, and enhances overall well-being.



GAMBHARI

Used in making medicines for digestive disorders, wound healing, fever and respiratory conditions.



ASHOKA

It has properties to treat conditions like dysmenorrhea, and digestive issues. Its anti-inflammatory, effects are used extensively as ingredients in several medicines.

SAPTHAPARNA

Used in medicines for fever, malaria, respiratory disorders, digestive disorders, skin conditions and menstrual disorders.



AMLA

Helps in controlling diabetes, supporting digestive health, keeps hair and skin healthy, helps in weight loss, cancer prevention and more.



USIRA

Helps in making medicines for cooling and soothing, skin health, wound healing and blood purification.



MADHUKA

Various parts of the Mahua tree, including the flowers, seeds, bark, and leaves, are used in traditional medicine for treating a range of ailments such as inflammation, gastrointestinal issues, respiratory problems, and skin disorders.



Nandha Gokulam is proud to launch 'Nandi Power'

India's first treadmill for Bulls to generate power aims to save Bulls



Nandha Gokulam, by the Chinta Sasidhar Foundation, launched 'NANDI POWER', an innovative mechanical device to generate power through the natural movement of Bulls walking on a specially engineered treadmill. This unique system harnesses the energy produced by the steady movement of the Bull, by storing it in compressed air tanks, which can then be converted into electrical power.

This initiative is part of the CS Foundation's aim to Save the Bulls and to create an economy for them.

Nandi Power – Version 1: Salient Features	
Weight Capacity	1 Ton
Brakes	Equipped with Braking System and Emergency Hand Brake for safety of Bulls – can be stopped anytime
Height of Treadmill	Hydraulic Lift System to adjust the height
Power Capacity	Potential to generate more than 5 KW



Bulls have been treated harshly over the years by farmers/bull owners since the advent of machines in farming. Once tractors replaced Bulls in farming activities, farmers have allowed them to go stray, sell to slaughter-houses or in some cases, even allowed them to die by not feeding the male calf once born. The CS Foundation aims to overturn this by saving them and reinstating the lost image of the holy bull. With Nandi Power, the farmer will not have to sell or kill the bull – but instead, monetise the strength of the bull in creating electricity – for self-consumption or sell back to the grid.

<p>Implementation: With the device currently in Beta version, it will be used on over 50 Bulls in Nellore (Andhra Pradesh) as a Phase 1 study to try and generate 5 KW and more of power per machine. Over time it would be implemented across various states ensuring Bulls and farmers are benefitted.</p>	<p>Scope: With upcoming versions of the treadmill, CS Foundation aims to make this available to all farmers/bull owners across India ensuring the Bull is saved and the farmer benefits. Nandi Power also helps the young calf in improving its strength, walking power and posture, making the device highly versatile.</p>
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Developed indigenously by the VS Group's mechanical team, this device will be a game-changer in building an economy for Bulls and farmers in India going forward.



New Faces, Same Mission: Welcoming NGLS' New Teachers to the VS Group



The Vishwa Samudra Group whole-heartedly welcomes the new teaching staff to Nandha Gokulam Life School – Nellore. The newly recruited teachers would be pivotal in strengthening the foundation of our school, bringing with them a wealth of knowledge, passion, and fresh perspectives. As they join the VS Parivar, they are not only shaping young minds but also contributing to the development of a nurturing and innovative learning environment. Their presence marks a significant step forward in our mission and journey to empower students and create a lasting impact on their futures.



Teachers with VS Colleagues

Mrs Chandrakala Dabas

Ms Hema M

Mr Akhilesh G Chaubey

Ms Nikki Bains

Ms Alakrety Lawriniang

Mr M Krishnamoorthy

Ms D Sumathi

Ms. Aashaakugan P M

Mr Shaik Mahaboob Basha

Ms Neelam Singh

Mr B. Shafiulla

Mr Daniel Thaimei

Ms Boppana Mamatha

Mr Leonard Recardo Smith

Mr Atul Ranjan Verma

Mr Deepak D Nikose

Congratulations!!

Congratulating VSE Resident Director and CEO Dr. Barun Pal Choudhury for being bestowed with the Lifetime Contribution Award for Project Management Consultancy at the D-arc Expo 2024, in New Delhi.



RECENT HIRINGS

- Mr. LKV Ranga Rao - President: Head Security - VSE, Hyderabad
- Mr. Abhishek Kumar - DGM-Liaison & Administration - VSH, Delhi
- Mr. Dinesh Pathak - VP- Internal Audit (Group Audit & Enterprise Risk Management) - VSH, Hyderabad
- Mr. Ramakrishna Bathula - DGM- Finance & Accounts - VSH, Hyderabad
- Mr. Mritunjoyanath Shukla - General Manager - Group Finance & Accounts - Mumbai
- Mr. Mohd. Iqbal Ahmad - CISO (Group Audit & Enterprise Risk Management) - Hyderabad
- Mr. Ajay Kumar Agrawal - President-Investor Relations - Mumbai
- Mr. Pushpak Kakkar - Sr. Vice President(Insurance & Claims) - Delhi
- Mr. Murali Krishna Chakka - Sr. General Manager Finance & Accounts - Hyderabad
- Mr. Venkata Kanaka Ramakrishna Ambalam - Vice President- Strategy - Hyderabad
- Mr. Naveen Kumar Vaddadi - AVP - Business IT Partner - Hyderabad
- Mr. Elluru Veerendra Pavan Kumar - AVP- Finance & Accounts - Hyderabad
- Mr. Anantarapu Mahesh - Designs Coordination:GM - Hyderabad

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