



Pioneering the Future of Construction with 3D Concrete Printing Technology

A Message from the CEO

"2024 has been a transformative year for MiCoB. Our customer-centric approach, driven by a strong focus on innovation and sustainable growth, has enabled us to scale efficiently and profitably. With continuous advancements in 3D Concrete Printing technology, we are strengthening our commitment to efficiency, sustainability, and industry transformation. As we look ahead, we remain focused on delivering cutting-edge solutions that redefine the future of construction."

Shashank Shekhar
CEO
MiCoB

Client Testimonial

"Partnering with MiCoB for India's first 3D-printed resort project has been an exceptional experience. Their cutting-edge technology and expertise allowed us to construct a state-of-the-art, 40-room luxury resort with 5-star amenities, setting a benchmark in sustainable and innovative construction. The attention to detail in addressing the challenges posed by the nearby coastline, including the impact of salty weather, was remarkable. Their team designed and implemented solutions that ensured the resort's durability and structural integrity, maintaining its elegance and functionality over time. This collaboration has redefined possibilities in the construction industry, and we couldn't be more proud of the result. We highly recommend MiCoB to anyone seeking innovation, precision, and unmatched quality in their projects."

Mr Luv Mehta,
Director -Stemcon Ecoserve Pvt
Ltd
PMC- The Bhunga Project



Empowering Progress Through Purposeful Engineering

Revolutionizing Civil Infrastructure

- World's first 3D Printed 5-Star Hotel Project comprising of 30 Bhunga style cottages delivered in less than 5-months at Nagoa Beach, Diu.
- Successfully executed a warehouse project for Adani Energy in Seismic Zone V, demonstrating the speed and adaptability of 3D Concrete Printing despite logistical challenges.
- Designed and delivered a food truck-inspired café at Ashoka University, in collaboration with architect Apoorva Shroff (*Lytb Design*), highlighting design flexibility and aesthetic potential.

Strengthening National Defence

- Delivered over 300 bunkers and multiple pilot structures for the defence sector.
- Achieved over 10,000 tons of material savings and reduced 500,000+ man-hours while ensuring structural resilience and high quality.

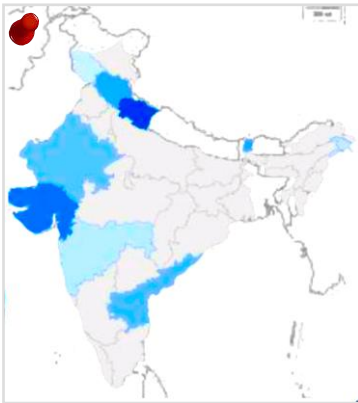
Pioneering Sustainable Construction

- Minimized material waste and promoted material reuse through controlled, precision-driven 3D printing processes.
- Introduced water recycling and energy monitoring systems to improve resource efficiency.
- Ongoing focus on developing scalable, eco-conscious construction solutions for long-term environmental impact.





Footprint



Impact

130,000+ sq. ft Built-up area	10,000+ tons of material saving
Extreme Climate -20 °C to +50 °C	Disaster Proof Up to Seismic Zone V and intense wind

Certifications

Gujarat Pollution Control Board

Approved under Green Category

Building Future-Ready Capabilities

Digital Inventory Tracking

A comprehensive tracking system enables real-time monitoring of each panel through every stage—from production to dispatch. This ensures complete traceability and strengthens quality control across the supply chain.

Floor Process Planning

A digital tool is being developed to streamline floor operations and standardize workflows. This will improve process efficiency, minimize variability, and uphold consistent product quality.

Reinforcement Integration

An automated system for in-line reinforcement is under development to enhance the structural performance of printed components. This will expand the application range and reliability of 3D printed structures.

Equipment Independence

MiCoB is designing a proprietary material delivery system to reduce reliance on third-party pumping equipment. This move supports long-term self-sufficiency and greater control over core technologies.



Looking Ahead

MiCoB is focused on scaling operations, deepening its footprint in the civil construction market, and advancing targeted technological innovations. Strengthening manufacturing partnerships and maintaining a cash-positive approach remain central to enabling sustainable growth as we position 3D Concrete Printing for mainstream adoption in civil markets.

Stronger Together



New Year Plantation Drive



MiCoB Townhall: Together We Build, Together We Rise



Celebrating Excellence