

New Building Materials[®] & Construction World **NBM & CW**

ماف

World's Most
Advanced
Sand Washing
Technology
ctfloworld.com

July 2026 • Publishing Since 1995 • www.nbmcw.com • Total Pages 234 Including Cover • Rs 250/-

India's Leading Integrated Media & Networking Platform for Construction and Infrastructure Ecosystem

ماف



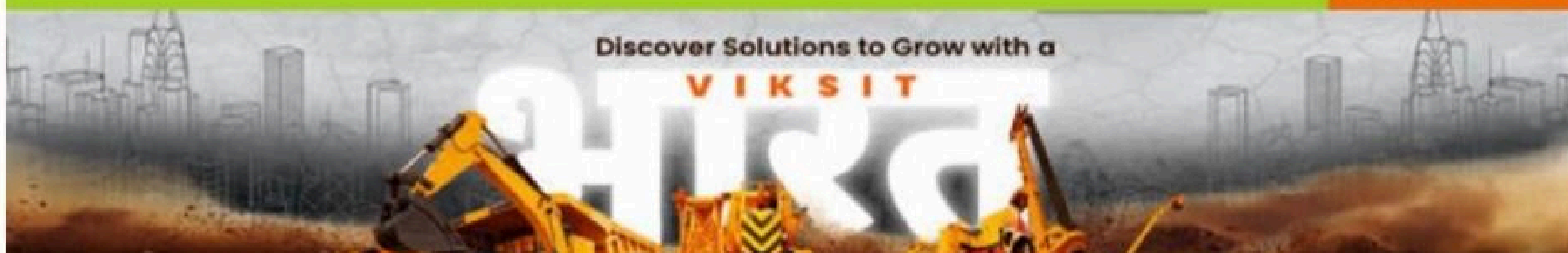
bauma CONEXPO INDIA

15 Sept. - 18 Sept. 2026
India Expo Centre, Greater Noida / Delhi NCR

Register Now!

Discover Solutions to Grow with a

VIKSIT





JULY 2026

- | | | | |
|-----|--|-----|---|
| 116 | Amit Dutta, Jyoti Structures | 172 | Ravi Kumar, RIB Software India |
| 117 | Manish Mathur, Action Construction Equipment | 176 | Anuj Mehta, Dhuleva Group |
| 118 | Premraj Keshyep, Conmat Heavy Industries | 178 | Ravikrishnan Srinivasan, TK Elevator India |
| 120 | Subrata Das, PMDCS | 179 | Manav Kohli, Gainwell Commosales |
| 123 | Williams RJ, Hailstone Innovations | 181 | Aneesh Kunnummal, Doosan Bobcat India |
| 124 | Satyanarayan Purohit, Dilip Buildcon Limited | 182 | Sachin Patil, ACM Construction Machinery |
| 130 | Dheeraj Panda, Ammann India | 185 | R.V. Panchal, Neptune Industries |
| 131 | Z.A. Khan, Specialized Engineering Services | 188 | Dilip Sharma, Columbia Machine Engineering |
| 134 | Sanjeev Bajaj, Escorts Kubota Limited | 189 | Ronak Morbia, Arisinfra Solutions |
| 136 | Pankaj Prakash Sharma, Supreme Infrastructure | 190 | Gopi K More, Torsa Machines |
| 140 | VG Sakthikumar, SCHWING Stetter (India) | 192 | Prasad Sannagowder, KTI-Plersch India |
| 141 | Viren Rodrigues, BKT | 196 | R Haridoss, Power Build |
| 143 | Abhijeet Narote, Tadano Cranes India | 198 | Jeevnesh Shah, Fairmate Prashita LLP |
| 144 | Harsh Pareek, Trimble | 201 | Amit Jain, Arkade Developers |
| 148 | Dhyanendra Tripathi, Normet India & Middle East | 202 | Aakash Patel, Atul Projects |
| 152 | Dr. R.K. Khali, GR Infraprojects | 204 | Varun Arora, THM Huade Hydraulics |
| 154 | Suresh C Tripathi, Precast Manufacturing Association | 205 | Santosh Venkatasubbaiah, Mother India Forming |
| 155 | André Dienst, Curetec Shanghai | 206 | Sachin Agarwal, Hillson Footwear |
| 156 | Vikas Sharma, Vikas Sharma Global Infratech LLP | 208 | Amit Gossain, KONE India |
| 159 | Jigar Patel, Revomac Industries | | |
| 160 | Anand Pandit, Sri Lotus Developers & Realty | | |
| 164 | Shridhar Rao, Elematic India | | |
| 166 | Sarveshaa SB, Bhadra Group | | |
| 169 | Satyabrata Misra, TH Company India | | |

ITA WTC2026 Montreal

- 212 Advancing Global Tunnelling Through Knowledge, Innovation, and Best Practices

220 News



CASL Precast Plant at Suraksha City, Vasai, Mumbai

Elematic, a global leader in precast concrete technology from Finland with over 60 years of experience, has been actively enabling India's construction transformation for the past 15 years. Our solutions span hollow-core slab lines, wall panel systems, battery mould, shuttering systems, and smart Plant Control software — all designed to maximize production efficiency and output quality. Real projects demonstrate the impact concretely:

MyHome GRAVA, Hyderabad, India's largest commercial building built entirely with precast technology, spans 45.53 acres and will eventually house approximately 250,000 professionals in state-of-the-art IT towers. The entire structure, every slab, wall, beam, and column, is manufactured in a factory and assembled on-site. Compared to cast-in-situ construction, the project saves approximately 14,300 tons of CO₂, while achieving delivery timelines that conventional methods simply could not match.

The Galaxy Building, Hyderabad, developed by Aurobindo Realty using Elematic technology, became India's tallest office building built with precast technology at 105 meters, completed on schedule in mid-2020. The developer noted construction speed was twice that of traditional methods, with dramatically reduced on-site labour requirements.

The Naya Raipur Housing Project was faced with a tight deadline for a large-scale government housing project. The BSBK Group commissioned Elematic to set up a precast plant. What typically takes 6–7 months was achieved in record time, with the plant operational and producing elements within the project's demanding schedule.

Elematic has also collaborated with Suraksha city Vasai in Mumbai in constructing affordable housing apartments where 23 storey building towers are constructed in Precast. Elematic remains committed to equipping India with the technology, knowledge, and partnerships to make the Viksit Bharat vision a reality.



“Projects that invest in meticulous planning, stakeholder alignment, opportunity assessment, and governance frameworks are well positioned to achieve execution certainty and operational excellence.”

Sarveshaa SB
Chairman & Managing Director
Bhadra Group

From highways and metro networks to residential townships, commercial developments, and industrial corridors, the scale of construction underway across the country is remarkable. As urbanisation accelerates and economic aspirations grow, the focus is evolving from building faster to building smarter and more efficiently.

Today, success in infrastructure development is measured by the ability to deliver projects that combine execution speed with quality, sustainability, safety, and long-term operational value. Achieving this balance calls for a strategic blend of disciplined project management, engineering innovation, advanced technologies, and lifecycle-focused thinking.

One of the most valuable lessons emerging from large-scale infrastructure delivery is that speed and quality can work together seamlessly. The foundation for this balance begins

with comprehensive planning during the earliest stages of a project. Decisions made during design and execution influence maintenance efficiency, energy performance, and operational effectiveness.

Large infrastructure developments bring together multiple stakeholders, extensive supply chains, regulatory processes, financing considerations, and significant resource mobilisation. Strong project controls, combined with continuous monitoring and transparent decision-making, enable teams to remain focused on delivery objectives while maintaining high quality standards.

Alongside planning, technology is becoming a defining force in modern infrastructure development. Building Information Modelling (BIM) and Virtual Design Construction (VDC) have transformed the way projects are designed, coordinated, and executed. By creating detailed digital representations before construction begins, project teams can enhance design coordination, optimise material utilisation, strengthen stakeholder collaboration, and improve overall project efficiency.

Projects that leverage digital planning tools often achieve greater predictability in scheduling and budgeting while enhancing construction accuracy. In an industry where precision and coordination are essential, early visibility has become a powerful advantage.

Another transformative trend is the growing adoption of prefabrication and modular construction methodologies. Industry experience shows that prefabrication can optimise material utilisation while accelerating project delivery timelines. Components manufactured off-site can be assembled efficiently on-site, enhancing productivity and supporting streamlined execution. As India advances towards ambitious infrastructure goals, modular construction is set to play an increasingly important role in improving efficiency and scalability.

Material innovation is also shaping the future of infrastructure. High-strength concrete, recycled steel, fly ash bricks, low-emission glass, and low-carbon cement are enabling developers to create structures that are durable, efficient, and environmentally responsible. Infrastructure assets are designed to serve

communities for decades, making durability and resilience essential considerations. Sustainable materials help deliver both outcomes while creating long-term value.

Mechanisation represents another important driver of productivity. Advanced lifting systems, automated concrete placement technologies, and specialised construction equipment are enhancing consistency, efficiency, and workplace safety. By supporting precision and operational excellence, mechanisation is helping construction organisations deliver projects with greater effectiveness and responsibility.

Green building practices, renewable energy integration, rainwater harvesting, greywater recycling, and circular design principles are increasingly becoming standard features of modern developments. Energy-efficient buildings and green-certified developments consistently demonstrate enhanced operational efficiency and stronger long-term value creation.

As India continues its infrastructure transformation, the path ahead will be defined by an integrated approach that combines engineering excellence, technology adoption, sustainability, and disciplined execution. The objective is to create infrastructure that is resilient, efficient, future-ready, and capable of delivering enduring value to communities and the economy.

