



July 2012

Dear Readers,

Technology and Science have always been giving mankind new challenges. Whenever we use a new technology we face challenges. It is only the fittest that make way through the challenges. For the Indian Construction Industry which is facing challenges, now is the right time for implementation of new technology. With India's current economic situation - where each paisa saved is a rupee earned. I strongly Recommend BIM as a new technology which will save your paisa and in turn earn you a rupee.



Sonali Dhopte
(Director Excelize)



The Buzz...

Excelize Directors Mr. Pratap Dhopte and Mrs. Sonali Dhopte visited the AIA 2012 National Convention and Design Exposition (Washington, D.C.) on 17th May in the US. The Theme of the convention was "**Design Connects**" meaning Design has the power to inform and connect our lives in many ways. From the first step in understanding a project's scope to the last step in making the project a viable reality, the practice of architecture is about making connections that help build a better future.

During their tour they met a couple of existing and new clients.

Excelize is now looking forward for some very innovative and competitive projects to begin in the US in a couple of months.



Ongoing Projects at Excelize



Multistoried Residential Tower @ Lalbaugh, Mumbai

Excelize is working with a well known Construction Firm in Mumbai located in the Western part of India. Excelize has been awarded the BIM Services for the 150.9 m tall multi storied residential tower.

Excelize has built BIM models for Architecture, structure & MEPF services, coordinated these models for clash detection and then resolved the clashes.

Excelize is representing the client while coordinating with the various services consultants after clashes are resolved and to generate services drawings. On this project Excelize is providing documentation services along with site and services modeling and additional services as per the clients requirement.



The Technology for you



Construction's 3D Visualization Potential

The concept of 3D visualization technology is not new in the construction industry, but has its true potential been realized?

In the 21st century, 3D animation has complemented construction design deliverables, altering the way in which projects are perceived and delivered. With the advent of the fourth dimension - time - 4D was born. It refers to the addition of a time bar to a 3D simulation, allowing the viewer to appreciate the lapsing of time as they see the construction develop. Some individuals in the industry also acknowledge 5D, which incorporates the element of cost as the construction develops.

Building Information Modeling (BIM) goes beyond those dimensions. BIM is an intuitive design tool that provides an interactive experience to stakeholders by allowing them to fly around a project virtually, or jump onto the site and walk into the building to explore, inspect and appreciate what the finished product will be like even before it has been built.

It has been argued that BIM is one of the most revolutionary innovations in the construction sector as it allows for both the contractor and client to visualize the space before it is finished. It can allow for the testing out of potential structural challenges before the construction process, extensively increasing work rate efficiency and productivity.

There is no doubt that education and communication play an integral role in construction site safety and 3D visualization combines both with the added visual impact.

3D visualization is changing the way we see this industry, our projects, and our future potential.

Inside Outside Megashow-Coimbatore

Date: 19-JUL-12 to 22-JUL-12

Venue: Smt. Padmavathi Ammal Cultural Centre, Coimbatore, Tamil Nadu

India International Build Expo Chennai

Date: 20-JUL-12 to 22-JUL-12

Venue: Chennai Trade & Convention Centre. Tamil Nadu

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