

# Built Constructions

# NEWS LETTER

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Success of a precast building project is an integration of all involved building professionals including architects, engineers, clients, contractors and sub-contractors. The involvement of all these key players right from the conceptual stage is critical and of vital importance to any precast project. In the present day context, consultants are concerned with clients' needs, regulatory requirements, design soundness and functionality while clients are more concerned with cost and the end product. Contractors, on the other hand, are more concerned with the building process... [Read More](#)

### The Breaker, Bahrain



Tall buildings are a preordained form and part of the contemporary landscape in metropolises at the present time. There are many ways to construct tall buildings and in practice it is the desired use of buildings which predominantly determines their design. The precast concrete structural system is rarely adopted in tall buildings because of the typical open plan design and long spans which give rise to deep beams and heavy weight of each individual member. The feasibility or constructability of using ... [Read More](#)

### The Aerogel Advantage

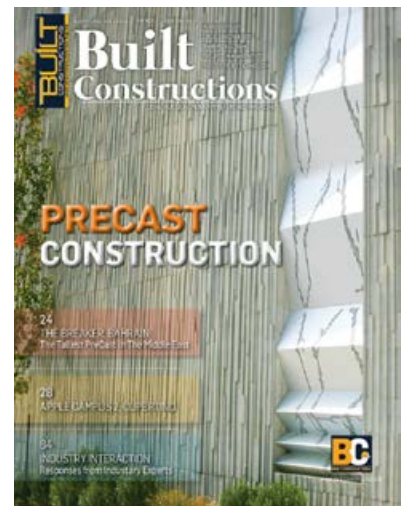


Among the environmental issues in today's world, none is as present as the Greenhouse gases (GHGs) emissions. Greenhouse gases (GHGs) emissions present a big current issue in developed countries and in many nations. One of the most cost-effective ... [Read More](#)

### Apple Campus 2



In April 2006, Steve Jobs announced to the city council of Cupertino that Apple had acquired nine adjacent properties to build a second campus, the Apple Campus 2. It will be located one mile east of the existing facility... [Read More](#)



## Connoisseur's Corner

### Mr. Raj Pillai



In recent days, the word 'Precast' has been doing its rounds in the India real estate market and it appears that both, private entities ... [Read More](#)

### Ar. Mona Doctor Pingel



Sustainability is a way of life & not an add-on," reiterates Ar. Mona Doctor-Pingel during an unplugged interview with Built Constructions.... [Read More](#)

### Mr. Sunny Surlaker



Mr. Sunny Surlaker, Head of Admixture Division with MC-Bauchemie India Private Limited in an interview with Built Constructions says that Self Compacting ... [Read More](#)

## Juscelino Kubitschek Bridge, Brazil



The Juscelino Kubitschek Bridge is also known as the President JK Bridge or simply the JK Bridge, crosses Lake Paranoá in Brasília in the capital city of Brazil. The bridge's astounding beauty and design sophistication reflect the intent of the former president of the country, Juscelino Kubitschek de Oliveira, for whom it is named, when he made the commitment to build Brasília as a majestic new capital. The JK Bridge represents artistry as well as engineering prowess, soaring and swooping gracefully across the waters by day and joined at night by a host of twinkling lights that make it into a veritable visual feast. Alexandre Chan designed this gorgeous span ... [Read More](#)

## The Dancing House, Prague, Czech Republic



The dancing housing located in Prague, Czech Republic stands as a mesmerize structure. It was designed by Croatian Czech architect Vlado Milunic in collaboration with Canadian American architect Frank Gehry in 1996. The unusual building design stands out among Baroque, Gothic and Art Nouveau building for Prague is popular. The building was the dream of Vaclav Havel, Czech president which was hoped ... [Read More](#)

## Blingcrete Light Reflecting Concrete

BlingCrete represents a new genre of materials with its own logic of effect that cannot be described simply in terms of the usual categories of heavy and light or form, construction, and surface. The material, also known as light-reflecting concrete, combines the positive characteristics of concrete (fire safety, solidity and building methods) with those of retro-reflection... [Read More](#)



## Kartik Janakiram A Saga of Triumph Over Limitations

A wall without a foundation' is an invention by Mr. Kartik to construction industry which is precast and eco-friendly. His products were nominated continuously for three years in Construction Innovation Forum [USA], Nova which is considered as Nobel Prize for innovation... [Read More](#)

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## Can Glass Be as Strong as Concrete

Researchers at the University of California, Los Angeles (UCLA), who are working in collaboration with colleagues at the Université Pierre Marie Curie in Paris on a method to make stronger glass with better aging ... [Read More](#)

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## Editorial

### Dr. Kalam

An Astute Scientist & a True Statesman

Dr. A P J Abdul Kalam, highly respected and loved president remains forever in some corner of our hearts as an educationist par excellence, a visionary in pursuit of perfection, a nationalist and an immortal force behind all aspirations. He was humility personified and simplicity epitomized. He was the face of Mother India in her cultural and scientific temperaments ... [Read More](#)