



MEDICAL COLLEGE BLOCK

Apollo Institute of Medical Sciences & Research, Chittoor

A pictorial representation of our journey

PRECA ™
PRE-STRESSED CONCRETE SOLUTIONS
An ISO 9001:2008 COMPANY

Project Description

The Apollo Hospitals Educational & Research Foundation, in a unique approach towards building an integrated health knowledge city for healthcare skill impartment, training, education and research, founded the Apollo Health and Knowledge city in Chittoor, Andhra Pradesh.

The construction of Proposed Medical College Block as a part of this endeavor was handed over to PRECA Solutions India Pvt. Ltd. The scope of work included the design, material procurement, manufacture, transport and erection of Precast Columns, Beams, Slabs, Lift walls and Staircases along with the foundation, screeding and finishing works.

The architectural plans provided by KGD – Architecture, Bangalore, gave us our first glimpse into what will turn out to be one of our most prestigious projects. After substantial discourse, our in-house design experts developed the detailed programme for the integrating precast – prestressed elements into the envisioned design. It was one of our most unique designs which contained beams of spans up to 18m and the use of Hollow Core Slabs placed at a gentle slope to form the lecture halls was a novel approach.

This venture was tasked to our consummate professionals Mr. Sanjeev Rao, Project Manager and Mr. Gurumurthy, Sr.Engineer - Erection, who have, with immense aplomb, persevered through with the project in the most adverse conditions of weather that the area had encountered in over two decades. They have successfully completed the project in 45 days achieving a total built up area of 32,147 sq. ft.





The site before the beginning of construction. PRECA was tasked with both, substructure and superstructure works.





Pooja conducted on site prior to the commencement of PRECA's work. Pictured here are Mr. Kalidoss, Mr. Prabhaker and Mr. Gurumurthy





Our experienced staff visited the site to assess the various requirements. The construction works began keeping the health and safety of the workers as a priority.





The foundation works in progress





Arrival of the Prestressed Precast Elements on the site at Chittoor all the way from our production facility in Hyderabad





Stacking of the Prestressed Precast Elements on the site as foundation works reach completion





Progress of erection of Prestressed Precast elements - Columns, Beams and Retaining Walls for the Stilt Floor





Further Progress at the Stilt floor with the erection of Hollow Core Slabs





Beams erected at an incline which will later support the flooring of the Lecture Halls on the Ground Floor





A view of the works in progress for the Ground and First Floor





A view showing the progress erection of elements at the Second Floor, the First mostly complete





The esteemed Mr & Mrs. Dr.Prathap C.Reddy on a visit to the site to inspect the on-going works





The front view of the Medical Block in the final stages of its completion





The back view of the Medical Block in the final stages of its completion





The Medical Block as it sets up to be opened, with the conclusion of PRECA's works



Acknowledgement

The project would not have been a success without the support and cooperation that has been extended to us by the following organisations and individuals. We, from PRECA, wish to express our deepest gratitude to each of them.

We extend our immense gratitude to Brig. K R Chakravarthi, Mr. N S Venkata Subramaniam, Mr. N G Kalidoss and Mr. P Naresh Reddy along with their team at Apollo Global Projects for your support and synergistic efforts, without which the project could not have been executed with utmost quality and safety. It was our privilege to contribute to your immense task of bringing better healthcare to billions of lives.

Our thanks and compliments to KGD Architecture, Bangalore and their team for extending their full cooperation in deference to the design of the foundation and structure.

We take this opportunity to congratulate our team, the collaborative efforts and dedication of the various departments, which by working together, ensured the successful completion of the project.



About PRECA

With a firm conviction in the innovative and dynamic qualities of Prestressed and Precast technology, Preca's efforts to bring proven technologies and methods of construction to the Real Estate and Infrastructure sectors, among others, are well underway. Having successfully executed large scale projects worldwide, including Israel and Africa, Preca is now poised on the threshold of a golden age in the Indian construction industry.

Backed by the biggest precast equipment manufacturer in Europe, Preca is now geared to bring about change with Prestressed and Precast technology from Europe, Israel and Dubai, to Indian industry. Firmly established as a specialist in its area of expertise, Preca is determined to make a difference in the development of various segments such as commercial and retail; residential; hospitality; industrial; and warehousing.

Engineering & Design

Evaluate

Project Monitoring & Control

Production

Delivery

Erection



Turnkey Solutions for Building Structures

Superior Quality

Speedy Execution

Cost Effective

Minimal Workforce

Long Spans



Indian Concrete Institute

ICI-ULTRATECH Award for Best Residential Building in Hyderabad for year 2015



MEMBER

Member Indian Green Building Council



Green Manufacturing Award 2013 - Stars of the Industry Group, USA



ISO 9001



QM011

PRECA

Company Overview



Turnkey Engineering, General Contracting and Custom Building Solutions



Highly qualified and experienced team with strength of more than 300 employees across different profiles



ISO 9001: 2008 certified Company with over 30 projects executed across all sectors



PRECAst factories presence in Hyderabad & Bhubaneshwar. Upcoming factory in Vijayawada.



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