

HOME & DESIGN

Volume 3, No 2
₹250

A Times of India publication

TRENDS

**Commercial
Design Special**

R.N.L. MAHEND/2013/50949



MW88150601



Educational Institutions

Modern campus architecture reinforces the concept of an open education facility, integrating effortlessly with the wider community

Not just another brick on the wall

The structure of this school breaks the pre-conceived notion of a traditional school layout starting with its unconventional facade

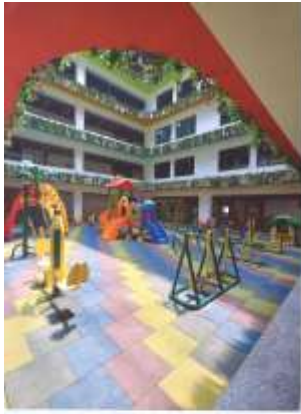
Providing space and time
The facade of the New Town School, featuring the unique consisting of stainless, stainless and stainless all surrounded by stainless. Special panel 1,000,000 sq ft, over 100 panels with full and staggered around the facade to work together, intricate and the line of space that can do significant design adjustments. The school is the creation of the design studio, which has to be considered. The light in the building is a masterpiece leading to the level of the school.

"This educational institution project came to us when the construction of the new academic blocks was already underway. The blocks were your typical blocks with no facade and a voiding of square angled facade. The geometry of the central courtyard," says Mr. Choudhury of A&P Design Studio. "Our brief was to work with these existing conditions to make a school. So we developed a design programme in terms of site plan, structure, ventilation, landscaping and other concerns."

Located in Greater Kailash, which is an upcoming township, the New Town School Kailash is the first school in the township started by educational research company 'Student Education'

Facilities associated with A&P Institute. The facility is planned in a total grid and the site for the school is curved along the longitudinal edges. One approach to the site along the inner curve and the blocks are placed on a slight angle, facing each other very slightly. They are connected by a landscaped court. The school also has a swimming pool on its grounds. It is a two-acre plot. The school occupies approximately 1,00,000 sq ft of floor space.
"The first step was to create an identity for the school. Our approach was to create a series of vertical planes around the building and a series of horizontal planes. We decided to go with geometric representations of symbols, alphabets and numbers





Facing page: Tables and chairs were kept by the perimeter of the block, which serves as the primary play area of the school. A temporary seating area for their school at the top, which allows visual contact to the main play area, was designed as an early phase addition away from the finished floor structure. The use of this table is called after the space.

all students and people would be able to recognize and relate to them," he explains. A small-scale study model was created in-house to understand the space and make a decision on the layout of the blocks, the walls and the skylight before the start. The lessons learnt across including all parents made of Fine-Perforated Plastic (FPF), measuring 2.2 x 2.2 m, 4-mil steel formwork, and placed in a grid the manner as the project starts to align with the FPF panels. A being initial using steel 2-profile substructure, the FPF panels were developed for these 10 kg panels for the M 5 support structure. The panels were designed with a combination of horizontal and diagonal ribs in different sizes along with vertical and horizontal. These have been placed in various orientations to achieve a repetitive effect on the facade. In actual site, were prepared beyond the building footprint, all around in a way such that an equal number of panels would fit on all surfaces on the symmetrical facade. This also enabled regular venting of the panels from the back, and ensured a better light quality for the building. They are shipped around the school blocks, an area of 27,000 sq ft each,

creating a visually appealing facade. The inherent complexity of both blocks were given additional use possibility of increasing size on new school expansion. The nature of these partitions - open-ended and curved, have been the right choice for the school. The walls of these partitions were placed in various ways and the projections between panels and supports being vertical, to the left and right side while in the center school block, it was as a double support structure between the location and school hall. Another aspect that Contractor kept in mind for the project was the lighting aspect. "As a first, this is the seventh school that we are designing. We have had various things to attend while designing - weight, ergonomics, comfort, cleanliness. Now with experience, you need to look at the lighting aspect, which the light comes in, it's the same, but this will need to be an act to change the installation of the classroom accordingly to this," he states. Classroom had to offer spaces in the blocks, but Chowdhury has ensured that they flow seamlessly without any steps in between.



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Facing page: The sports area is the central feature in the building. It is a blend of different levels of play and is designed to be a multi-use space. The sports area is designed to be a multi-use space. The sports area is designed to be a multi-use space.

"We really felt that we didn't want to break the character of the students as they walk from one area to another. So we designed the building to merge into the whole space - as if you are coming to know the ground floor, to the court and from the court to the classrooms is all built on one single level. The structure was designed with a clear vertical level of block about each other. The colors of these 'cut' the panels were chosen in a spirit of simplicity as we wanted to avoid the clutter and align the color from the classrooms. The school cuts as one of neutral shades - whites and greys. The only exceptions are the corners, where bright primary colors are used to add vibrancy to spaces and the lower classes. "Young students responded more actively to bright colors and wall papers and patterns, and teachers have responded better to the playful and mystery of the primary sections," he explains.

Landscaping also adds to the learning environment of the school. Both parents have been used to the grounds to generate electricity and the boys and girls, planted on school grounds. "It's a mix of plants and flowers that are used at different levels in the school."

Leaded Details, 3rd floor
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