SAN ACADEMY, CHENNAI





Ar, V.S.Vigneswar

Architecture plus Value

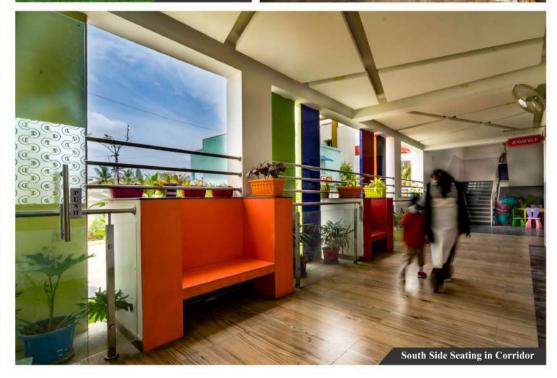
San Academy is one among the well-designed schools in Chennai. The School has maximum attendance and the Children thoroughly enjoy the Play of Colours and the Environment. The Climate friendly design and emphasis on Natural Light and Ventilation creates an Healthy and Positive feel for the entire project. The Identity provided for the School through the Architectural Design has helped make it a Landmark in the Context. The Play areas and social green spaces help the students get the feel of spaciousness even in a vertical development. Over-all the project is a great success in terms of serving the needs of young children and providing an Healthy and Creative Learning environment.





SAN Academy is one of the TOP CBSE Schools in Chennai which aims at imparting quality education at very affordable prices. The school aspires to serve the Low-Income and Mid-Income Groups of Society. The Client (SAN Academy School Trust) approached us with a strict brief of creating a Primary School in adherence to the CBSE Standards. The brief was to keep the costs as low as possible. The site was located in Pallikaranai, one of the fast growing outskirts of Chennai. The Site was tight, measuring only 36,000 sq ft and had an Odd L-Shaped Geometry. The brief also mandated that the Maximum built-up area as per the Development Control Norms be achieved and to provide an Efficient Design which maximised the number of Class-rooms and other usable areas. Total built up area to achieve was 50,000 sq ft. The Age group of the Children in the school was from Lower Kindergarten to 5th Standard (Age Group: 4 years





he main aim of the Design was to provide a Creative and Healthy environment for the Young children. Early schooling years are key to the overall development of the Child. The design of such low-cost schools by the government and private organisations are often over-looked and inadequate. Hence a detailed research was done on the physiology and psychology of young children and their needs. Due to the tight site the School was forced to develop vertically. This provided additional challenges to the design.

Some of the TANGIBLE AIMS which were achieved through the design are:

- Use of COLOUR to bring vibrancy and a sense of identity to the School. Helps create a child friendly atmosphere and enhances creativity.
- 2) Provision of Maximum NATURAL light and ventilation for all the areas.
- 3) CLIMATE Friendly Design: Each side of the building is designed to respond to the climate and solar orientation. The Edge detailing is done in such a way as to bring in constant reflected natural light without glare.
- 4) Provision of SOCIAL GREEN spaces in all the common areas of the building to enhance the Interaction between students and provide breaks in the programmatic areas. These were done through providing seating areas, green spaces and natural-light pockets within the building.
- 5) EFFICIENT PLANNING and use of all built and unbuilt areas. The Setback areas are used as play areas. The TERRACE is planned as an additional open play area for the children with courts.
- 6) Responding to the Context and Creating an IDENTITY for the School through sound architectural design.
- Creation of an ICONIC building in a COST-EFFECTIVE manner.







Project Name: SANACADEMY
Firm Name: Architecture plus Value
Principal Architect: V.S. Vigneswar

Location: Kamakoti Nagar, Pallikaranai, Chennai

Client Name: SAN Academy Trust

Design Team: V.S. Vigneswar, Sushmitha, Preethi, Monica, Keerthana

Built Up Area: 50,000 sq ft

Structure: R.C,C Structure with AAC block Infill.

TYPE: Institutional Primary School

LOCATION: Pallikaranai, Chennai SITE AREA: 40,000 sq ft

BUILTAREA: 50,000 sq ft PROJECT COST: (8 Crores)