

Site context-

Location is surrounded by specialised hospitals of Varna. Plot is close to a main boulevard of Varna-Tsar Osvoboditel.

The site has dense vegetation which are in good condition hence the overall design emphasis is towards saving almost all the trees. These trees will not only help in maintaining the micro climate of the whole site but also help in healing and learning processes of specially challenged kids. Such natural environment is proved to enhance brain capacity hence our aim is to create the design that aims the harmony with nature as well as satisfy the spatial functionality.

Datum-

The nature has its own footprint on site. That divides the site in certain Pockets. THE DATUM is not only a conceptual entity but a physical axis that helps to bind the programs to make it an institution.

The straight Circulation in the institute not only binds the different fragmented pockets but also creates open spaces between different programs.

The Datum is used to make a very strong architectural statement on the site, which is naturally rich with different kinds of trees.

The Position of the Datum is considered as per the site accessibility as well as the position of vegetation.

concept-

As per our aspirations to build in harmony with nature. There exist an understanding that the institute requires Ambivert structure for its activities. Hence the idea to embrace nature within the structure and give children the required open pockets was considered.

The concept helps the children use their corner and it also invites them towards nature with curiosity.

Diagram-

The Architectural Diagram show the evolution of the building. And different possibilities that can be executed with different functionality.

The deep structure of the building is trying to satisfy the concept of ambivert design.

The Different core on west and east not only achieves the functionality but also makes for strong design landmark.

The different nature of courts are as per the programs that reciprocate to the such open space.

site Integration-

The whole site is integrated as one with the help of evolved diagram.

Architecture-

Our approach towards architecture has been purely contemporary which respects the nature of the site. Instead of having conventional approach of design which satisfies the functionality we chose an idealist way which is not only a need of the given context but a statement to be followed for the kind culture we can breed in place of learning.

Architecturally the building gives the strong understanding of Axis, open space, semi open space closed space, it's accessibility, ease and functionality of the building.

The evolution diagram helped in arriving at certain composition and massing.

Juxtaposition of nature and the building in drawings shows the character of harmony which is essential for the institute.

Program organisation-

The basics of Conjecturing the program is by understanding of the function and its activity. And the kind of aspirations we have for the said program.

Montessori complex is situated in ground massing. Since the activity can spill over to the semi open and open space. same has been aspired for the physiotherapy centre.

As for the first floor the understanding of natural light penetration on ground was required. And it was found that certain programs would benefit more from the natural light. the upper foliage of tree would allow more light on upper floor.

Details-

The details of level difference with slope is evolved.

The sloping roof with attic.

To provide comfort during winters-provision of floor heating system-which helps the cool air to get heat up above the floor and that goes up.

Materials-

Brick, rcc, wood, glass, roof tiles.