

Design Rationale

A holistic system is being proposed for which this design is developed as cybernetics. A responsive physical environment has been tried to be created which simultaneously generates activities and functions, which takes care of the physical, mental, social and cultural well being of its users and can adapt to changing needs. This principle is applied in the whole design at different scales. The residents of the housing facility have not been considered as users, rather as participants because they play a vital role in the function and development of the whole system.

The social system conceived in this project focuses on how each individual adapts to changing needs, simultaneously establishing codependency among the participants of a community, from the very young to the very old; thus maintaining the cultural heritage of rich social bondage. 3 types of families were considered.

- Joint families of 3 generations.
- Nuclear families
- Elderly persons or couples.

An activity spine covering the central region, maximizing the scope of interaction among the participants, a three-dimensional structural grid to generate the residential units (designed on the basis of families they will facilitate) are the man-made components of this open-ended system. The structural system is open to vertical extension for future development; the units can plug in to the system along circulation paths, correspondingly generating interaction spaces at different levels.

Integrated concepts of energy, architecture and society are implemented in this design to initiate a model for urban dwellings, enhancing the social, physical and economic well being that can be achieved by sensitive revitalization of the existing environment and resource. Traditionally the people of this region are emotionally driven and their spiritual entity is much dominant than their rationale. This design aims to create a harmonious architecture which doesn't disturb the existing physical texture and landscape pattern rather enhances the environment quality being at an interdependent and coherent existence. The contemporary methods blend with indigenous ones to attain cultural responsiveness revitalizing the spirit of contextuality.