

# Architecture and Social Function of Space

Ar.Chhaya Chavan-Tirvir

Pad.Dr.D.Y.Patil College of Architecture, Akurdi, Pune  
E-mail: [sanskrutichaya@yahoo.co.in](mailto:sanskrutichaya@yahoo.co.in)

**Abstract**—After reviewing fast development of cities, commercialization of spaces, fast life. It is essential to understand the user's socio-economic life, habits, surrounding spaces, needs, inter-relationship with different spaces. It is very essential to develop green and sustainable spaces and to achieve this, it is very important to understand the different practical aspects of space. It is very much possible with the help of settlement study. Settlement study is the practical platform for different design oriented survey, interviews with different class, to understand there need, scale and propositions, advantages and disadvantages of spaces, this effort will achieve "HEALTHY DESIGN". With the help of user and nature friendly design we can save nature.

The objective of this paper is to study the different aspects which impact the Architectural and Social function of space. To represent the above, this paper focuses on the different case studies.

**Keywords:** Spaces, socio-economic, Settlement, Courtyard, Gathering, Rural.

## 1. INTRODUCTION

Architectural education, as one of the distinctive branches of education, requires the development of creative capabilities. The primary concern of architects is to design three dimensional space and form to accommodate related human activities

**AIM:** To Study the important of the traditional architectural and social function of space.

## 2. OBJECTIVES:

- 1) Study of houses, their relationship with common spaces, public buildings of the settlement with residential clusters etc.
- 2) Study of the various categories of social spaces of the settlement and their interrelationship with each other as well as build spaces around.
- 3) Establish the relationship between house type with surrounding spaces.

## 3. COURTYARD CONCEPT

In traditional architecture the houses were built according to a definite plan. Each house consists of square courtyard

surrounded by rooms with the front wall windows less the entrance in side galleys and bath rooms in most of houses.



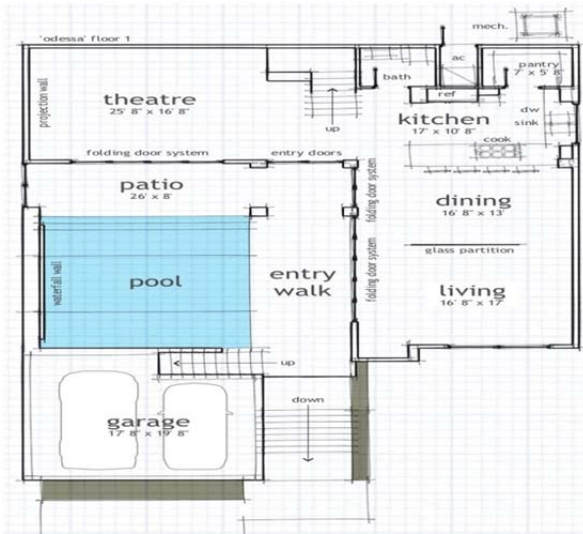
Fig. : Rural House at Kerla

Courtyard is used for various purposes. Like to child bath, dry grain, Family functions, family interaction space, house hold works.



Fig. : Sometime used for rain harvesting

**Implementation of rural court yard study concept in contemporary residential unit**



**Fig: Different habitable area surrounded by courtyard**



**Fig: Water pond is provided at courtyard along with sitting area. Due to water pond, cool breeze and soothing climate is created at residential unit,**



**Fig: Dining space is arranged in courtyard**



**Fig: Open air bathroom**



**Fig: Open courtyard**

**An internal courtyard opens into the street through a welcoming portal, which provides a graceful transition from the public realm of the street to the more private atmosphere of the courtyard.**



**Fig: In village settlement fire place was provided at the Varandha, so when main lady of the home will prepare food all other family member will sit around and chat with each other. It will be family gathering place.**



**Fig: PADAVI 2**



**Fig:Contemporary residential unit fire place. This will be the gathering space.**



**Fig: OOTA**

Old Maharashtra Residential unit is divided into different spaces like Padavi, Oota, Maajghar, courtyard etc. But, in contemporary design these spaces are converted as Poarch, Entrance lobby, Family Lounge, Atrium etc.

After analysis of all above aspects it has been clearly observed that, following essential measures to be implemented for effective and efficient design.

Important to be given to traditional architectural and social space.

**4. CONCLUSION**

After practical survey, study of all the above mention aspects of settlement study, it is very easy to understand the socio-economic conditions and habits of users. it is helpful to design the effective ,efficient ,economic and user free spaces. Along with this even we can save the nature and create user and nature friendly design.

**REFERENCES:**

- [1] Histry of Architecture & Human settlements.
- [2] Introduction to RURAL SETTLEMENTS-R.B. Mandal
- [3] History of Town planning-Abhir Bandopadhyay
- [4] S3 Settlement Introduction.



**Fig. : PADAVI 1**