

INDIA

OCT-DEC 2019 ₹500/-

# BUILDCON ARCHITECTURE

Builders | Architects | Interior Designers | Materials | Products | People | Art | Projects

Special Issue

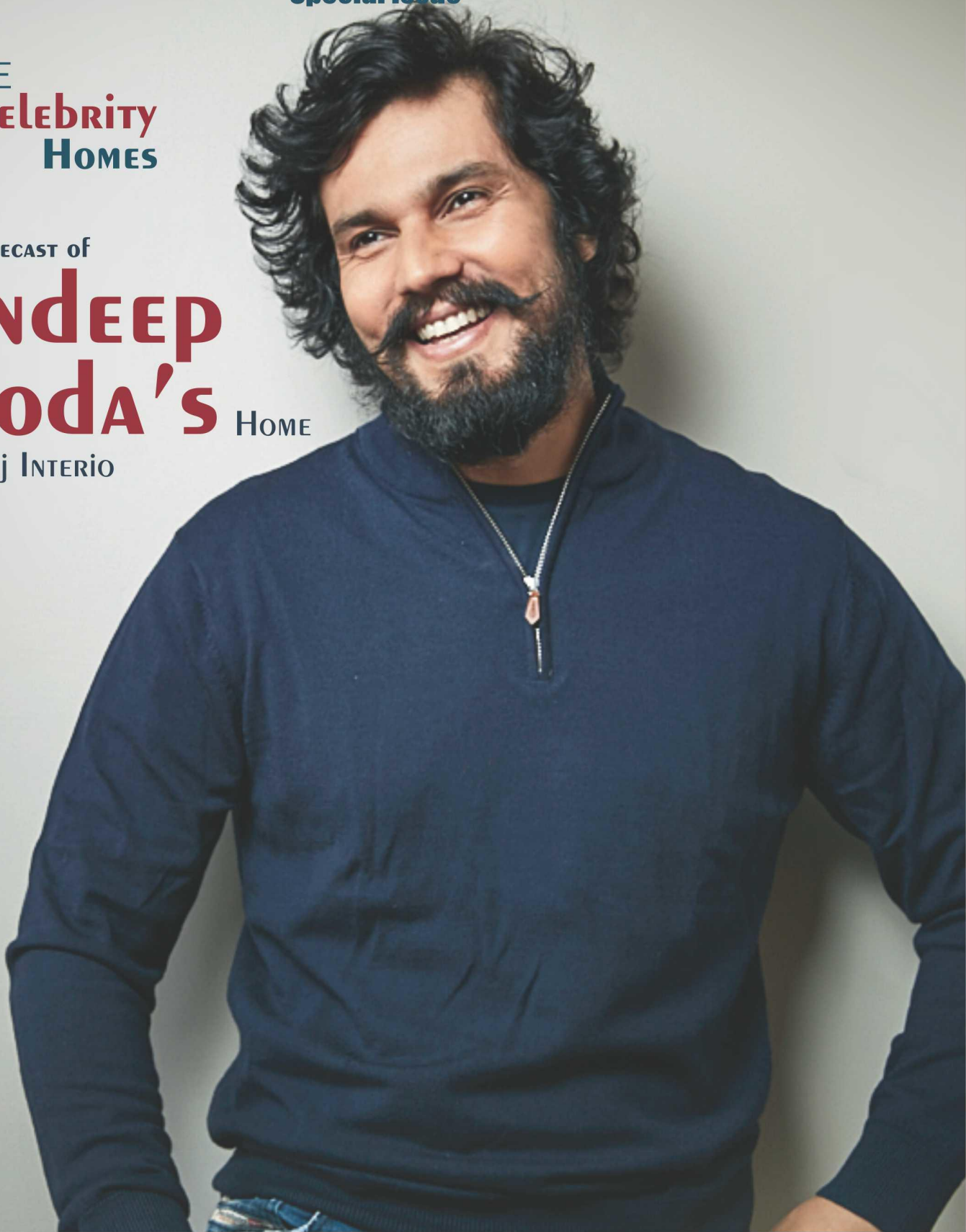
A SNEAK PEEK

## Inside The CELEBRITY HOMES

A GRAND RECAST of

## RANDEEP HOODA'S HOME

by Godrej INTERIO



AMAAL Mallik's HOME DESIGNED by THE DESIGN HOUSE COMPANY

SHREY SINGHAL'S HOME DESIGNED by AASHRAY DESIGN CONSULTANTS



# Courtyard House

**Principal Architect :** Ar. Anand Kulkarni & Ar. Ashish Kulkarni



**Ar. Anand Kulkarni** started his own firm Anand Kulkarni & Associates in year 1976 at Kolhapur, along with 2 more joint venture firms working simultaneously in Sangli and Kolhapur. He started his practice with small residential projects. He worked for many large projects such as townships; industrial, residential, etc. also he worked as a panel architect for Karad Municipal Council and Gadhinglaj Municipal Council for almost a decade. During this time he completed few large government proposals like integrated development of small medium towns (IDSMT) for Imphal, Manipur, Sangola, Kurundwad, Kagal, Gadhinglaj, Karad, Pandharpur, Sangli, Kolhapur, Sawantwadi. He also was a design jury member for final year in architecture colleges under Shivaji University for 5 years. In year 1996 he concentrated on his own firm AKA. Until his son joined him. His firm has worked for around 43 years, with a wide range of project scales to types.



**Ar. Ashish Kulkarni** s/o Anand Kulkarni, completed his Bachelor's degree from SPSMBH's College of Architecture, Kolhapur in 2005. For 1 year he worked with his father's Architectural firm Anand Kulkarni & Associates. To get more international experience Ashish worked in Dubai for 2 years and grasped in field of architecture and interior. Ashish then studied Master of Advanced Architecture in Institute for Advanced Architecture of Catalonia (IAAC) at Barcelona, Spain. After completing Master's program Ashish directly joined his father's firm at Kolhapur again for 1 more year. In 2010 they both father & son started a new firm DESIGNEX as partners. Now they both work together.

**DESIGNEX** is a Kolhapur-based firm established in 2010 by partners Anand Kulkarni & Ashish Kulkarni. The firm provides design solutions in Architecture and Interior design. The firm deals in the areas of residential (individual and multiple), commercial, institutional, hospitality, health, sports, townships, religious, industrial, etc. with its multi-disciplinary and experimental approach. DESIGNEX is emerged from a sister firm Anand Kulkarni & Associates owned by Anand Kulkarni, where his son Ashish Kulkarni worked. Though the 'DESIGNEX' firm is new in the architectural world, the goodwill and experience of Anand Kulkarni's firm and his experience of 40 years have brought it as a strong base and background for the new firm as partners. Firm is dedicated to providing their clients the best of functionality and aesthetics for their projects.



## Fact File

**Project Name :** Courtyard House

**Location :** Ratnagiri, Maharashtra

**Built Up Area :** 270 Sqm

**Architect Firm Name :** Designex Architects

**Principal Architect :** Ar. Anand Kulkarni & Ar. Ashish Kulkarni

**Design Team :** Ashish, Anand, Dhanaji, Sangram, Manoj

**Civil Contractor Name :** Omkar Hazare

**Photo Credit :** Sanjay Chougule



The client Mr Oswal, a family of 4, purchased this plot measuring area 400sqm, of shape trapezoid with road facing shorter. This north facing narrow mouth-plot, challenged architect to provide the large area for parking/garden/entrance. This house planning started with the basic motive of creating a home rather than house. Family being nuclear-but culture contradicted it, of large nos. of guests visiting home often.

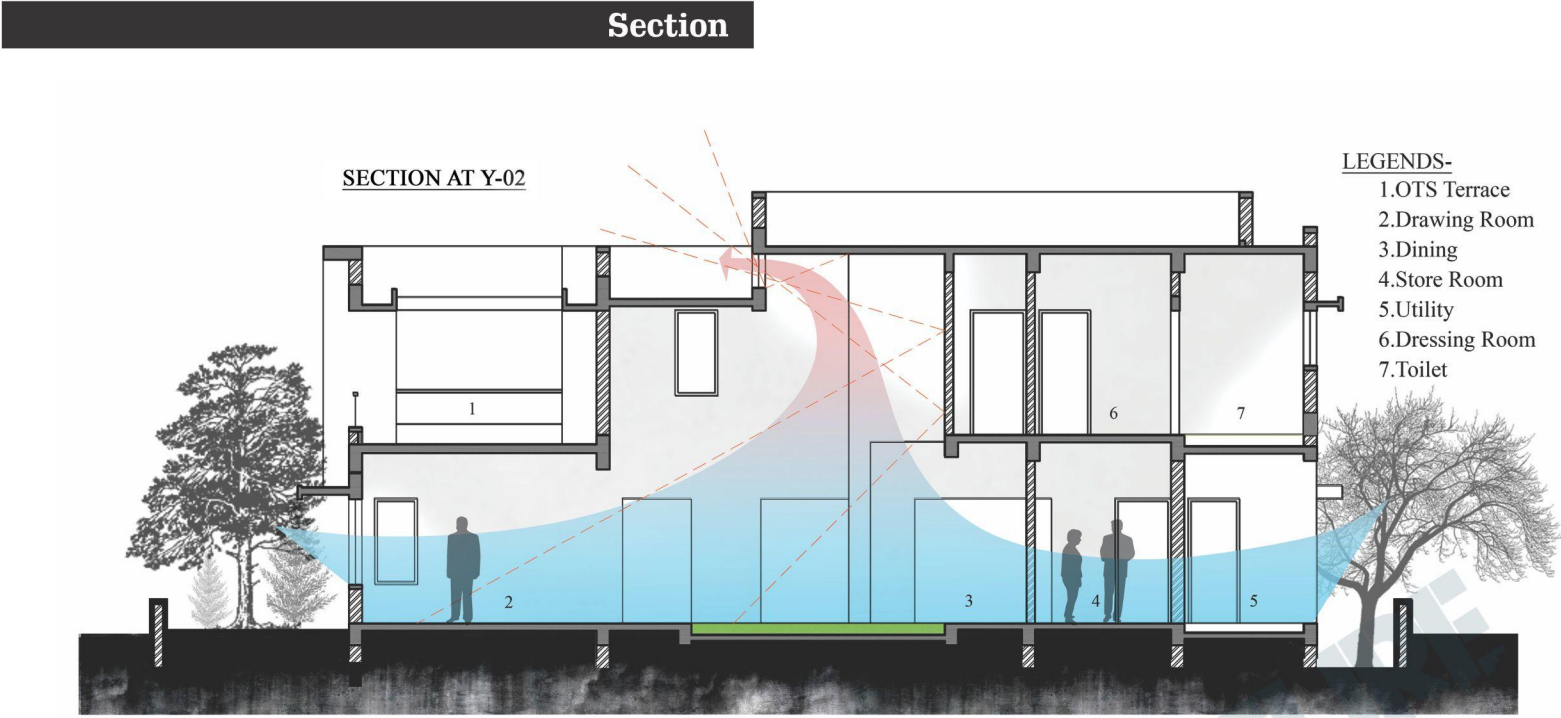
To keep this limited no. of family members bonded together during their daily culture was to plan around courtyard. To force transition of individual from courtyard to any habitable room. This courtyard is well placed in the centre of house as a brahma with double height with diffused north-light. The lower and upper habitable rooms overlook this courtyard including open gym/family room. The living areas on ground floor are kept open, but giving partial privacy for the dining and kitchen area for the women working.

Puja room is located along the courtyard; therefore to reach any area from the house has to be passed by the puja- where it was specific requirement of client to worship, and belief of being under care of lord. Ground floor is provided with the living room with wide open window on north facing the garden. 2 bedrooms-parents, and guest with the staircase in between for quicker access to upper floors. First floor has its master's private zone on south and gym/family area along courtyard overlooking all the common areas on ground for interaction. Family area further connects to the glass covered north terrace. One of the masters has been provided with the private covered terrace with vertical garden and sit out.





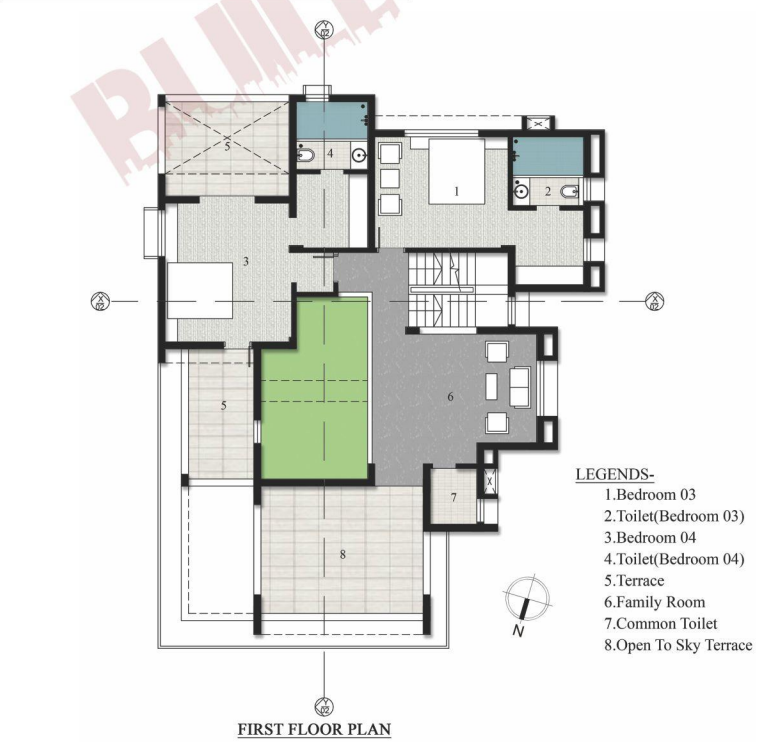
**SPECIAL FEATURES :** Ratnagiri being hot and humid, the courtyard planning helped in cross ventilation, and exhale the hot air through north light on double height. Also provides the ample light for living areas resulting in saving electricity. The rainwater harvesting is executed including the use of this water by the help of filters installed to the down-take pipes. South and west openings are kept smaller as compared to the north and east, to give the expanded way out for hot air, and penetrate cool. Local laterite stone being porous, it has been used for construction, this results in the drop of 10% temperature compared to other material. The plot itself allowed to design the house with many offset on west, preventing the direct sun penetrating during hot summer. The offset creates shadow on each other, and keeps the openings in shade. A sprinkler water line runs on terrace parapet inner wall, to keep slab getting heated in summer by the help of auto timer. Same the outer surrounding landscape is watered with the help of timer, keeping it green and sending the cool breeze through the openings.



**Diagram**



**First Floor Plan**



**Ground Floor Plan**

