

# TINY HOUSE

**PROJECT SITE : GRASSLANDS OF ASIA**

ARPIT MALHOTRA (ALUMNUS CCA)

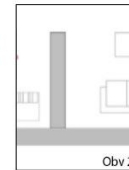
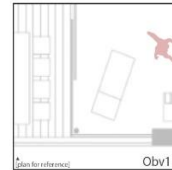
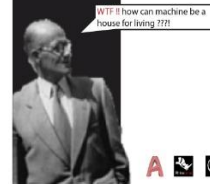
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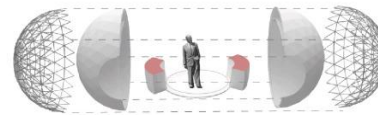
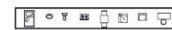
Project Site - Grasslands of Asia  
 Mentor - Prof. Priya Gupta  
 Timeline - Architectural Design Competition  
 Collaborators - Individual Project

Tiny house evokes a concern for maximum space usage. Developed as a 360° rotating house, its functions revolve around a central stationary slab. The inner shell has a spatial rotating function, independent from the outer structure, which works like a rolling ball. By breaking the prevalent norms of user accessing different parts of the house, tiny house moulds/rotates itself to provide different spaces to a central slab to minimise the user movement. Thus making it a perfect house for a lazy man!



Observation-1 At a time, one room is accessible rendering other spaces irrelevant.  
 Solution: In order to avoid wastage of space we confine all the functions into one space.

Observation-2 Walls provide security but the volume they occupy is quite large.  
 Solution: Keeping the circulation area same we decrease the volume occupied by separation walls.



Relationship between user and the spatial configuration of the structure



CONFINING FUNCTIONS IN ONE SPACE



8 different fundamental functions are clubbed into pairs (depending on their spatial solutions) and then they are placed inside a sphere just like a circular rubix cube.



Spatial zoning inside sphere



CREATING CENTRAL SPACE FOR CIRCULATION

