



SENIOR CITIZENS' HABITAT

Introduction

Senior Citizens' Habitat or senior living refers to housing for people above the age of 55, offering convenient services, senior-friendly design features, and access to social activities. Medical support and healthcare are often included for their ease and convenience. Within senior living, there are different concepts, such as independent and assisted living. The former refers to housing and communities for active seniors who are healthy and independent, while assisted living is for seniors who require varied levels of support, such as caregivers and nursing.

India currently has a relatively young population, with more than 50% of its citizens under the age of 25, but the demographics will shift. A report by the Confederation of Indian Industry projects that India's senior population will treble to 300 million by 2050, highlighting the need for more infrastructure and services to support this significant section of society. Also, there are growing instances of the young working population migrating abroad leaving behind ageing parents who needed support. In view of the changing demographic pattern, emergence of nuclear family culture, longer life spans, change in social values, socio-economic needs of the elderly, there is a growing need for having secure and senior-friendly housing. Recognizing the rights of senior citizens and retirees, and need for professionally developed and managed retirement homes MoHUA has put in place a set of guidelines that will ring fence the difficulties faced by elderly residing in housing societies.

Aim

HUDCO NASA Design Trophy 2019-2020 competition aims at generating efficient design solutions for integrated and comprehensive Senior Citizens' Habitat which are elderly friendly in design and fully equipped to handle the special needs of senior citizens in content and coverage such as medical and recreational facilities.

Objective

To develop senior-friendly housing through quality design and accessible infrastructure, providing sufficient facilities that specifically address the concerns of both active seniors and those in need for assisted living.

Design Parameters

- Aesthetically pleasing housing solutions that ensures secure livability, accessibility, as well as access to basic services and adequate infrastructure.
- Total No. of dwellings should be in the range of 100-150 with 1BHK & 2BHK units. The layout should be a mix of active living high rise apartments and assisted living clustered (low rise) housing in the ratio of 1:1.
- Suggested size of the dwellings are 40-60 sq.m (1BHK units) and 50-80 sq.m (2BHK units) for housing in plains and 30-45 sq.m (1BHK units) and 40-60 sq.m (2BHK units) for housing in hilly areas.
- The layout, planning standards, design specifications of housing units, and norms for services & utilities should be as per the Master Plan, NBC norms, Building bye laws and existing state/ city rules and regulations or as per the Model Guidelines brought out by the MoHUA for retirement homes.
- Provide for the special requirements of a Senior Citizen such as but not limited to
 - Unhindered movement/accessibility (through ramps and other support mechanisms), anti-skid flooring, grab bars in washrooms and appropriate places, hand rails in all rooms and lift, etc.
 - Residents' safety to address immediate medical requirements emergency alarms.
 - Provision of adequate space and arrangements for recreation facilities, both indoors and outdoors, for the inmates.
 - Manage movement of visitors and ensure proper safety and security of the residents, round the clock security arrangements; etc.
- Choice of site may be considered located in the residential zone of notified development plan of the town/city.

Selection Criteria

The merit of the competition entries will be primarily evaluated based on:

- Functionality and detailing that suits the needs of the project.
- Accessibility, energy efficiency, environmental impact etc
- Ease of construction.
- Suitability to the specific geo-climatic requirements.
- Research, analysis, documentation and presentation.

General Guidelines

- The sheets are to be numbered properly. The format shall clearly mention "HUDCO Trophy | 2019-20".
- All text should be in English.
- The sheets should have a Concept Plan, Key plan, site plan, layout plan, elevations and sections.
- The scale of the drawings is left to the discretion of the participant.
- You may use views, perspective and any other means that you think suitable and relevant to explain your design.
- All entries must be prepared using metric units of measurements.
- The data quoted in the presentation / report must mention the source. If based on primary survey, the same should be mentioned.
- Registrations and submissions should be done by the Unit Secretary in NASA India website before the deadline.

NASA Logo Guidelines

- NASA Logo shall always be placed on the right-hand bottom corner of the sheet with a margin of 10mm from right and bottom of the page.
- NASA logo should not be merged, overlapped etc. with any sort of text, graphic, image, etc.
- NASA logo should be true black with a perfectly white background.
- For A2 sheet NASA India logo size should be 25.00mm x 43.75mm with 10mm clear border on all 4 sides.

Submission Requirements

- The number of presentation panels should not exceed 20 nos. of A2 size
- The presentation panels to be supported by a report with total number of pages not exceeding 50 (excluding the front and back cover and pages of contents).
- Manually rendered entry should be scanned at 300*300dpi resolution.

- Authenticating letter from college HoD for each entry the work submitted is genuine and they have endorsed copyrights for the same and with the name of Participant(s) and stating the unit shall abide by whatever may be the final results and also agree that this entry is property of both the institute and NASA India.
- Declaration by the participant(s) stating the work submitted is genuine and they have endorsed copyrights for the same and to adhere by all the rules and regulations, Jury process and the results.
- Authenticating letter from college HoD/Principal/Director (on College Letterhead with Sign and Stamp of HoD/Principal/Director of the college), specifying the Account Details (Account Name, Account Number, Bank Name, ISFC Code) in which the Prize Money is to be awarded.
- The soft copy (non - editable format) of the sheets and video link/presentation should be uploaded on the website failing which the submission will be considered incomplete and the entry shall be disqualified. If the soft copy file of the sheets is damaged or in low resolution, the entry shall be disqualified.
- Editable format of the sheets has to be submitted during the Annual NASA Convention (Applicable only for shortlisted entries), failing which, the submission requirements would be deemed incomplete leading to the prize money being withheld.

Prize Money

Prize money of 7 lakh Rupees is allotted to the trophy and it will be divided according to the number of the Citations and Special Mentions

Important Dates

- The release of brief – 23rd December 2019
- Queries till – 15th January 2019

Any Kind of Queries need to be submitted through

<https://nasaindia.co/trophy/hudco>

to

Ashwith Koyyala

National Treasurer | 2019-2020

NASA India