

CALLING ALL ASPIRING ARCHITECTS

# TIME TO DESIGN

HOSPITAL PLANNING & INFRASTRUCTURE (H.P.I.)  
& HOSMAC INDIA PRIVATE LIMITED

Announce

All India Architectural Student Competition for  
Designing  
“Assisted Living Centre”

H.P.I. & Hosmac Architecture Competition (HHAC) 2017

## ABOUT THE COMPETITION



**An assisted living residence or assisted living facility is a housing facility for people with disabilities or for adults who cannot or chose not to live independently. An assisted living resident is defined as a resident who needs assistance with at least one of the activities of daily living.**

An assisted living residence or assisted living facility is a housing facility for people with disabilities or for adults who cannot or chose not to live independently. An assisted living resident is defined as a resident who needs assistance with at least one of the activities of daily living. A typical assisted living facility resident would usually be a senior citizen who does not need the level of care offered by an expensive local nursing home but prefers more companionship and needs some assistance in day-to-day living. Age groups will vary with every facility. There is currently a transformation occurring in long-term care. Assisted living communities are accepting higher levels of care and nursing homes are becoming a place for those who are undergoing rehabilitation after a hospital stay or who need extensive assistance. Many assisted living communities now accept individuals who need assistance with all activities of daily living.

The "Overview of Assisted Living Report" from 2010 in the US stated that 54 percent of assisted living residents are 85 years or older; 27 percent are 75–84 years old; 9 percent of residents are between 65 and 74 years; and 11 percent are younger than 65 years old. 74% of assisted living residents are female; 26 percent are male.

People who live in assisted living facilities usually have their own private apartment. There is usually no special medical monitoring equipment that one would find in a nursing home, and their nursing staff may not be available at all hours. However, trained staff is usually on-site around the clock to provide other needed services.

Household chores are performed: sheets are changed, laundry is done, and food is cooked and served as part of the base rent and included services. Depending on their disclosure of services, assisted living services may include medication management, bathing assistance, dressing, escorts to meals and activities, toileting, transferring, and insulin injections by a registered nurse. Some homes even have a beauty parlor on site. Grocery service is often available too. Where provided, private apartments generally are self-contained; i.e., they have their own bedroom and bathroom, and may have a separate living area or small kitchen. Registered nurses and licensed nurse aides are available on call 24 hours a day, to ensure immediate care when required. Alternatively, individual living spaces may resemble a dormitory or hotel room consisting of a private or semi-private sleeping area and a shared bathroom. There are usually common areas for socializing, as well as a central kitchen and dining room for preparing and eating meals.

The typology and philosophy of this unique program, so specific to modern day society, can be critically challenged and re-defined as per the context the participants shall choose to design the Assisted Living Center for HHAC 2017. How can we use the narrative of "Assisted Living" and explore programs in healthcare facilities, which get articulated, into architectural form, embedded into an India context? What is the meaning of a center for assisted living? How must a space for assisting the living be produced in today's society? What is the broader role of its design in 21st century India? Are some of the questions framed by this year's HHAC.

## BACKGROUND OF HHAC

The H.P.I. & Hosmac Architecture Competition (HHAC 2017) for students all over India is the second edition of H.P.I.'s & Hosmac's architecture competitions, instituted since 2016. The first successful round of HHAC in 2016 revolved around the design of a 'Rural Community Healthcare Center'. HHAC is a part of the Hospital Planning & Infrastructure Exhibition & Summit organised by IDEX a renowned global event organiser who has been organising this event for past 4 years in Mumbai for the Healthcare industry. Details about the event can be seen at [www.hospitalinfra.co.in](http://www.hospitalinfra.co.in)



## **ABOUT HOSPITAL PLANNING & INFRASTRUCTURE (H.P.I.) EXHIBITION & SUMMIT, MUMBAI 2017**

Hospital Planning Infrastructure (H.P.I.) is the most credible trade fair witnessed by the hospital industry with validated industry buyers, key budget holders, policy makers and investors in healthcare projects who visit the exhibition and represent the real power behind the Hospital industry.

H.P.I. provides a platform to interact and witness the latest solutions to help the visitors in their quest in building new and upgrading their existing facilities in India. Hospital Planning & Infrastructure showcases solutions, technologies and services for designing, planning and building healthcare infrastructure.

In 2015, it provided the perfect platform for the exhibitors to generate more than 130 crores of business revenue at the exhibition through winning orders, speeding up sales cycles and meeting new clients live at the show.

H.P.I. summit is the ideal place to network and learn from some of the best leaders in the industry. The three-day long conference is witnessed by major industry players and covers cutting edge topics that focus on healthcare design, sustainability and planning and infrastructure development.

Over two decades,  
undertaken 20 million sq ft Hospital  
Design

CONSULTANCY

DESIGN

COMMUNICATION

PROJECTS

## ABOUT HOSMAC

The competition is instituted by HOSMAC as knowledge partners to the exhibition and conference. Hosmac is otherwise a pioneering name in Hospital Planning and Management Consultancy in India and the Middle East. Hosmac has designed more than 20 million sq.ft. of built hospital space in India and overseas and has a well established design studio in Mumbai and Dubai with full service capability of undertaking architectural, structural, MEP and interior design in house apart from rendering construction management services to their clients. Lead planners in Hosmac have international exposure and are well versed with latest trends in design technology including Sustainability Planning, Pre Engineered buildings and BIM modeling.

Hosmac strongly believes in the philosophy and future of Assisted Living Centers in the Indian context and hence is instituting this competition as part of that belief wherein winning team members would be offered internship opportunity in their design studio in Mumbai or in Dubai

# HEALTHCARE ARCHITECTURE COMPETITION 2017 CHALLENGE

- To help Students of Architecture get an insight into upcoming opportunities in Healthcare Design space
- To propose creative healthcare solutions in specific local context
- To get insight into the functioning of Centre for Assisted Living which were established with the objectives of providing respectable living environment of elderly and physically handicapped patrons. This concept is fairly new to Indian society but holds good promise for future

## SITE AND CONTEXT

- Students have choice of selecting any site in all of India.
- Site should be able to accommodate a minimum 30-bed Assisted Living Centre
- Minimum Total area of the facility should be minimum 3000 Sq. M
- Justification of selected site with an interpretation of the local / regional context must be explained through text / diagrams / drawings / models / pictures etc.

## ASSISTED LIVING CENTRE DETAILED PROGRAM BRIEF

- Delivery of health care services in an ALC requires not only on call and palliative medical care but also all the complementary facilities including nursing care, assistance in daily living, space planning and other services.
- The absence and non-functionality of one or more of the complementary inputs affect the quality of services, which are vital for healthy and dignified living of the inmates.
- The Assisted Living Center program for HHAC 2017 can be broadly summarized as:



Facility	No Rooms	Req Area Sq.m	Total Area Sq.m
<b>Public Spaces</b>			
Entrance Area (Reception/ Waiting/ Record)	1	30	30
Prayer Room	1	25	25
General Store	1	20	20
Kitchen	1	80	80
General Library	1	40	40
Visiting Area	1	80	80
<b>Patient Spaces</b>			
Female Elderly Inmate Unit	10	25	250
Male Elderly Inmate Unit	10	25	250
Physically Challenged Patient Inmate Unit	10	25	250
Pharmacy	1	20	20
Consultation Room	4	15	60
Consultation Room: Physiotherapy	1	15	15
Therapy/Counseling/Meeting Room	4	25	100
Procedures Room	1	20	20
Intensive Care Unit (ICU)	2	80	80
Common Room	1	100	100
<b>Support Spaces</b>			
Caretakers Room	4	25	100
Staff and Inmate Dining	1	50	50
Medical Equipment Technician	1	10	10
Laboratory	1	25	25
Chief Medical Officer & Administration	2	25	25
<b>Services</b>			
Washing, Cleaning and Autoclave	1	35	35
Sterile Storage	1	11	15
General Storage	2	15	30
Generator Room	1	10	10
Wet / Dry Waste	1	8	10
On Duty Staff Residence Units	2	50	100

- Toilets, Circulation spaces and Open Spaces should be judiciously designed which should comprise minimum of 400 Sq.M
- Participants have a choice of adding an alternative program (max 150sq.M), which can work in harmony with the existing program of the Assisted Living Center and help in enhancing the relationships with existing local context.
- Rainwater harvesting, solar power, Biogas plant, wastewater treatment, grey water recycling etc. can be explored as systems which aid the ALC.
- Minimum built up area of the facility has to be 3000 Sq. M minimum
- The Area Statements have been provided only to get a sense of volume and overall footprint of the Assisted Living facility for this competition only.
- The spatial typologies of the mentioned functions can be critically redesigned to meet the contextual brief of the selected context.
- Students should rethink the way traditional healthcare spaces work to find prolific planning and experiential alternatives in the spatial context they choose.
- Students should creatively interpret the program to propose new ways of imagining and experiencing healthcare spaces.





## DESIGN REQUIREMENTS

- Self sustainable and low maintenance design solution
- Robust building construction using local materials
- Easy accessibility in terms of building design for all ages of people
- Sensitivity towards the built fabric of the context
- Strong connections to local surroundings
- Climate Response
- Sustainable place-making from an economic, social & environmental perspective
- Outstanding & original design informed by contemporary ideas of Indian context

## SCHEDULE

- Start of Competition and Registration: 15th June 2017
- Registration Ends: 31st July 2017
- Closing Date for Submission: 10th September 2017
- Announcement of Winners: 1st October 2017
- All Deadlines are 11:59 pm – 00:00 IST (India)

## AWARDS

The Jury shall select 3 winning entries that will receive a cash prize and certificate from Hosmac.

- 1st Prize: Rs 60,000/- + Certificate
- 2nd Prize: Rs 30,000/- + Certificate
- 3rd Prize: Rs 15,000/- + Certificate
- The Jury shall also select 2 Honorable Mentions.
- All Top 5 entries will be published on Hosmac's and H.P.I.'s Website as well as Healthcare Executive Magazine powered by Hosmac

Winning team members would be offered a paid internship opportunity in Hosmac's design studio in Mumbai or Dubai.

# SUBMISSION OF DESIGN ENTRY

- One A4 size ID Document with college ID scans of maximum 4 participants. (Max 1MB)
- One A4 Size College Documents with college letter head mentioning bonafied students name and DOB (max 1MB)
- Incase team has students from multiple schools they should provide a letter from each participants school
- Write up Document of max 1000 words on A4 size paper describing site context, response, concept, design strategy, sustainability, economic aspects and energy conservation etc. (max 1MB)
- Two A1 Size Design Panels (Landscape Orientation) describing the project using any medium possible (max 15 MB)
- A unique identification code will be provided upon registration which should be mentioned on BOTTOM RIGHT CORNER of all submitted pages / panels.
- Do not include your name or school name on Write up document and Design Panels.
- Sketches, Photographs, 2D drawings, 3D Models, Perspectives Renderings, Wall sections, Diagrams, Master plans can be used to meet the expectations of the Design Brief.
- Submission Format: A single folder named as your team code (HHAC2017\_001) containing the following files must be submitted via email to [submission@hosmac.com](mailto:submission@hosmac.com) within the deadline of 10th September 2017

1. ID\_HHAC2017\_001.pdf (Max 1 MB)
2. COLLEGE\_HHAC2017\_001.pdf (Max 1 MB)
3. WRITE UP\_HHAC2017\_001.pdf (Max 1 MB)
4. DESIGN \_HHAC2017\_001.pdf (Max 15 MB High Resolution)

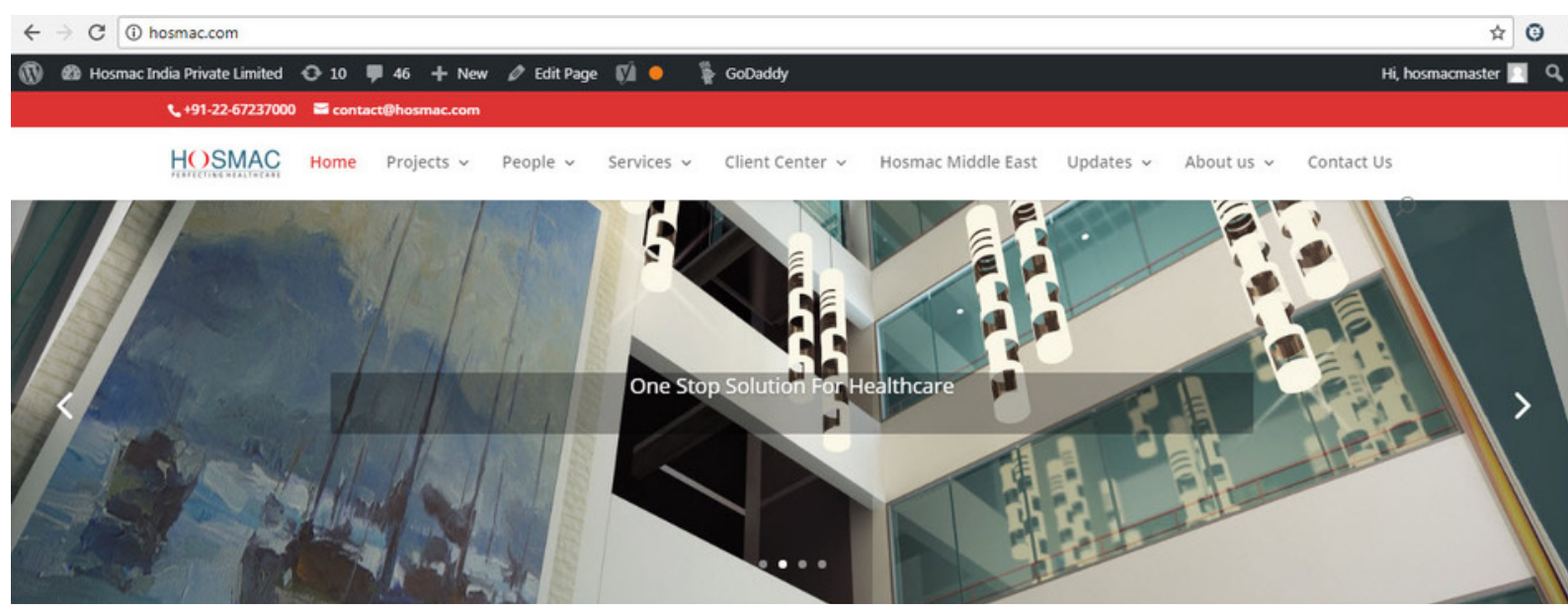


## ELIGIBILITY

- All current students of architecture (Bachelors / Masters) are eligible to register.
- All Students who have passed out in the last one-year (since 2016) are also eligible to register.
- Participants can form a team of maximum four members only.
- Submission Package should not exceed 20 MB.
- Submission of Design Panels and Write Up Document should not include the names of the participants / school anywhere.
- Participants will be disqualified if any of the competition rules or submission requirements is not considered.
- Participation assumes acceptance of regulations.
- Team code is the only means of identification of a team during judging as it is an anonymous student competition
- Official language is English and Measurement Units are in Metrics.
- As the competition organiser, H.P.I. & Hosmac reserves the right to modify competition schedule if deemed necessary.

## REGISTRATION

- Entrance fee for registration: Rs 1500/- (Per Team)
- Participants may register by filling the registration form and submitting it with the appropriate payment through a secured gateway on our website:  
<http://www.hosmac.com>
- It will not be possible to amend or update any information to your registration including the names of team members once validated. The amount paid once is Non Refundable and participant cannot cancel the Enrollment in any circumstances.





## CONTACT INFORMATION FOR INQUIRY

- Coordinator: Prasanna Wategaonkar
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- Facebook: <https://www.facebook.com/HOSMAC-107468889281136/>
- Linked in: <https://www.linkedin.com/company/143974>
- Twitter: <https://mobile.twitter.com/HosmacIndia>
- Magazine: <https://www.healthcareexecutive.in>



## **PRIVACY POLICY**

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