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Green Building

planning & D







HUDCO DESIGN AWARDS 2023-24

5 CATEGORIES

 Cost Effective Rural /Urban Housing deploying innovative/Emerging Disaster Resistant Technology

> New & Innovative Design Solutions for towns and cities

Conservation of Heritage

➤ Green Buildings

 Landscape Planning & Design

LAST DATE FOR SUBMISSION OF ENTRIES 29 JANUARY 2024



PRIZES (For each category)

> 2nd Prize

₹1 LAC

1st Prize ₹2 LACS



ABOUT HUDCO DESIGN AWARDS

HUDCO DESIGN AWARDS हडको डिज़ाइन अवार्ड्स 2023-24



HUDCO, a Government of India CPSE, is a premier techno-financing Institution in the field of Housing and Urban Development in India. Since its inception in 1970, HUDCO has played a leadership role in shaping India's urban development. HUDCO appreciates that the complex challenge of sustainable development goes much beyond creation of housing stock and financing infrastructure. It acknowledges the importance of design that respects the interconnectedness and interdependence between places, regions and communities as well as between man and nature in shaping sustainable development. Aligning with its overarching institutional objective of raising awareness about design as an effective element for positive change and appreciate the innovative design interventions that have been demonstrated by professionals, HUDCO instituted HUDCO Design Awards in 2012.

OBJECTIVE OF THE AWARD

- To encourage professionals (Architects, Engineers, Urban Planners and other allied professionals) to be more creative and provide out of the box solutions.
- To use creative design for improving the living environment in our cities.
- To document/ showcase the best practices with possibility of replication and scalability.
- To sensitize the decision makers/ stakeholders regarding utility & applicability of innovative designs

There are mainly 5 categories in HUDCO Design Awards (Details enclosed)

- Cost Effective Rural/Urban Housing deploying Innovative / Emerging & Disaster Resistant Technology
- New & Innovative Design Solutions for Towns & Cities
- Conservation of Heritage
- Green Buildings
- Landscape Planning & Design

ELIGIBILITY

The competition is open to all professionals (Architects/ Engineers/ Planners and other allied professionals) who are engaged in the development and design of urban and regional places, buildings, neighbourhoods or cities. The award is limited to completed/ under execution projects within the last seven years (Jan.2017- Dec.2023). The applicants would be required to give documents supporting their claim.

SCHEDULE

- 1. Receipt of Entries: Completed entries should reach HUDCO by 29.01.2024. Regarding General guidelines, Submission requirements and evaluation of Entries, please refer details enclosed. Same are available on HUDCO website also.
- 2. Announcement and Presentation of Award: The results of the competition will be hosted on HUDCO website. The winners will be communicated detail of award distribution subsequently.

LAST DATE FOR SUBMISSION OF ENTRIES IN E-FORMAT:

Completed entries should reach HUDCO by 29.01.2024 on E-mail Id: designawards@hudco.org

AWARD: Two prizes in each category: First Prize: Rs 2.00 lacs

Second Prize: Rs 1.00 lac



The Executive Director (C&C)

Construction & Consultancy Wing,

Housing & Urban Development Corporation Ltd. Core 7A, HUDCO Bhawan, India Habitat Centre Lodhi Road, New Delhi 110003



: www.hudco.org.in

: <u>designawards@hudco.org</u>

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HUDCO DESIGN AWARDS हडको डिज़ाइन अवाईस 2023-24

CATEGORIES



Category 1: Cost Effective Rural / Urban Housing deploying Innovative / Emerging & Disaster Resistant Technology

Category 2: New & Innovative Design Solutions for Towns & Cities



Category 3: Conservation of Heritage



Category 4: Green Buildings



Category 5: Landscape Planning & Design

Category 1

COST EFFECTIVE RURAL/ URBAN HOUSING DEPLOYING INNOVATIVE/ EMERGING & DISASTER RESISTANT TECHNOLOGY



House with Different Roofs, Gadhinglaj, Kolhapur Photo courtesy: Rohan Chavan, RC Architects Shelter is amongst the three basic human needs. The Govt. of India has recently taken major initiatives to provide a boost to affordable housing in the country. The target of achieving sufficient mass affordable housing in the country can be achieved using cost effective, emerging innovative technologies without compromising the quality and structural stability of the structure. It is essential to promote these technologies pertaining to the local conditions and environment.

It would entail preparation of efficient layout designs and building plans suitable for various disaster resistant technologies so that the precious investment in housing is not lost to the occurrence of natural disasters like earthquake, flood or cyclone. The skills and efficiencies demonstrated by the professionals with regard to the same need to be appreciated and showcased for its suitable adaptation.

Type of projects under this Category may be as under or similar projects (using Cost effective /Innovative/Emerging & Disaster Resistant Technologies) :

- Rural /Tribal/Urban housing projects demonstrating vernacular architecture
- Urban Housing projects
- · Housing typologies in urban sector
- Affordable housing
- Individual Houses, Group Housing
- Staff Housing
- Rental Housing

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2 0 2 3 - 2 4 Category 2



NEW & INNOVATIVE DESIGN SOLUTIONS FOR TOWNS & CITIES



Brushstroke of Happiness- Tactical Intervention at Premnagar Vasaahat, Pune, Maharashtra Photo courtesy : Studio Infill & SMEF's Brick Group of Institutes, Pune Urbanization is inevitable and desirable but throws many challenges. For cities to be engines of growth, they need to be vibrant, sustainable, inclusive and appropriate to the specific demographic, cultural, functional and physiographic demand of the people and the place.

It is imperative that we create futuristic smart cities and upgrade degenerated urban spaces to become centers providing opportunities to the aspiring Indians without compromising the tenets of sustainable development.

Type of projects under this category may be as under or similar projects:

- Accessible /Universal Design for providing solutions to built infrastructure, information system, assistive technologies & service models
- · Wholistic Environmental improvement approaches
- · Urban mobility solutions design and last mile connectivity
- Integration and conservation of major natural features (river, forest, lake etc.) in urban setting

Category 3 CONSERVATION OF HERITAGE



Restoration of Byculla Railway Station, Byculla, Mumbai, Maharashtra Photo courtesy :Abha Narain Lambah Associates Cities are dynamic entities that experience development, expansion, renewal and redevelopment. The tasks of the professionals are not limited to integration of the built heritage with the urban planning/ development framework but also to exclusively promote and practice conservation, restoration, regeneration and management of valuable built heritage in Indian cities. A comprehensive approach to heritage demonstrates management that economic efficiency, creative people's vigor and participation is the need of the hour. India has a rich. diverse and extensive repository of precious built heritage that is either neglected or at the mercy of unplanned urban development.

Type of projects under this category may be as under or similar projects:

- Preserving Monuments
- Conserving Group of heritage buildings
- Planning & environmental improvement around Archaeological /Cultural heritage sites
- Retrofitting/Restoration/conservation of Heritage buildings
- Protection and management of Heritage Buildings
- Integration of Built heritage with urban planning/development
- Urban Heritage, historical gardens

HUDCO DESIGN AWARDS हडको डिजाडन अवार्डस 2 0 2 3 - 2 4 Category 4 **GREEN BUILDINGS**





Photo courtesy : Anupama Mohanram, Green Evolution

The built environment contributes 40% of the annual carbon emissions. Reduction in the carbon footprint of the building sector is essential for achieving the Paris agreement for climate change. In a rapidly urbanizing world & increasing built up space, energy efficiency of buildings plays an important role in combatting climate change. It is well established that consumption of energy consequent carbon footprints of buildings can be considerably reduced through adoption of efficient, passive and sustainable design solar & technologies, appropriate choice of green & ecofriendly materials construction & areen practices.

The approach for green building begins with site selection, building planning & orientation and design incorporating measures to reduce water and energy resources and attempts to Net Zero Energy (NZE) i.e. Zero Energy Building (ZEB) .

Type of projects under this category may be as under or similar projects:

- Group Housing/Affordable Housing/Commercial Complex/Institutional/Hotels/Office/ /educational /Individual housing etc. incorporating green building features
- Buildings incorporating Solar passive architecture and sustainable features
- Large (mixed-use) townships: Housing complex, plotted development
- Special Economic Zones

Category 5 ANDSCAPE PLANNING & DESIGN



Photo courtesy : Oasis Designs Inc.

designing, operation The planning, and management of the built and natural environment for liveable cities is essential for sustainability of human, cultural and urban ecosystem. It is increasingly believed that green open spaces define the culture and character of a city and makes it vibrant and resilient. A well designed and wellmaintained green area adds to the social environmental aspect of the city and also improves psychological and physical wellbeing of citizens.

However, the rapidly modernizing cities are increasingly becoming concrete jungles where the green open places are grossly undervalued and therefore neglected.

Understandably, there is a growing awareness about importance of public places in impacting sustainable development and finds mention in the Sustainable Development Goals (SDGs). The challenge before the professionals is to design safe, inclusive and accessible green spaces that enhance the image of a city and contribute to environmental sustainability. Type of projects under this category may be as under or similar projects:

- Landscape Planning and design for Public Places & Spaces, Parks and open spaces
- Landscaping around Heritage /Institutional/commercial/Residential complexes etc.
- Landscaping & Pedestrian movement in Commercial/Institutional/Educational/Residential complexes etc.
- Landscape planning and design at City level

GENERAL GUIDELINES

- Presentation of an award to any Entry in no way legalizes project's status.
- If the project (i.e. an Award winning project) is involved in any revenue dispute or in violation of any statutory laws/regulations at subsequent time, the said award has no legal standing or validity in such dispute/violation.

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SUBMISSION REQUIREMENTS

- There is no restriction to the number of entries that may be submitted by the applicant. However one project may be submitted under one category only. i.e. same project can not be sent in more than one category.
- Entries to be submitted in soft copy (PPT and PDF format) over email. Only entries in PPT and PDF format would be considered.
- The presentation **slides per ENTRY** should not exceed 15 in numbers. It must include slides incorporating latest site photographs of the project **showing actual progress of work**.
- Report with relevant project details like <u>site area, project cost & explaining the concept ,context</u>, <u>constraints, innovations ,construction technology etc.</u> should be **in PDF.**
- The submitted (entries) drawings, reports or documents, SHOULD NOT DISPLAY/PRINT/STICK THE NAME OF PARTICIPANTS/FIRM NAME, FIRM LOGO OR ANY OTHER IDENTIFICATION MARK. OTHERWISE, IT WOULD LEAD TO DISQUALIFICATION.
- A self attested declaration along with Project particulars as per the attached proforma.
- All project entries (completed or in progress) shall be supported by latest site photographs alongwith **DULY FILLED PROFORMA**.

EVALUATION OF ENTRIES

- Entries complete in all respect as specified will be evaluated by a panel of judges nominated by HUDCO. In all such matters, the decision of HUDCO shall be final.
- Award committee's decisions shall be final and binding on all participants without appeal and cannot be challenged.
- Decisions, deliberations, opinions & proceedings of the jury shall not be made public or otherwise revealed.
- The shortlisted applicants may be required to make a presentation online to the jury members.
- The entry material sent for the Awards will be retained as property of HUDCO. HUDCO shall be free to publish the entries in the Hudco publication. No claim for compensation or otherwise shall be entertained.

NOTE: THE SELECTED ENTRIES ARE SUBJECT TO FURTHER VERIFICATION & SCRUTINY BY HUDCO.

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PROFORMA **PROJECT DETAILS AND SELF ATTESTED DECLARATION** The name of the project and its location 1 (name of City/Village & State) 2 The category under which it is submitted The current status of the project 3 (whether completed/under execution) If completed, mention Year of completion 4 (Enclose documentary proof) Whether any award has been received by 5 your organisation from HUDCO Name of the project(s), category, year for which ANY of the HUDCO Awards was 6 received, viz; HUDCO Design Awards/ Best Practices Award etc. Name of the applicant, address for 7 communication, Email ID, phone numbers Name of the Prime 8 Architect/Engineer/planner and other associate consultants if any Name / Particulars of the client 9 Self certification information that 10 provided in the submission are correct

Self-Declaration:

I/We undertake / confirm that the project is my/our original work, completed / under execution within the last seven years (Jan. 2017- Dec.2023) and no actions against the said project concerning any irregularity about the project are pending in any statutory Authority (Note: If any discrepancy in information/details furnished by the Participant/Agency with respect to Entry/submission is found at any point of time, the Prize money, Certificate and Trophy shall be forfeited by HUDCO and the agency/participant shall be debarred from future participation.)