

IHCNF Student Competition 2017

THEME

SMART strategies for maintaining the Culture and Identity of
Historic Cities

Organized by:

Indian Heritage Cities Network Foundation
UNESCO New Delhi

School of Architecture and Planning, Kalinga Institute of Industrial Technology
Deemed to be University, Bhubaneswar
with the support of
School of Architecture and Planning, Bhopal

Introduction

The term "Smart City" has been around since the 1990s, and while definitions and applications vary, common elements among them are that Smart Cities use information and technology to engage citizens, deliver city services, and enhance urban systems. The use of Smart City technologies results in cost efficiencies, resilient infrastructure, an improved urban experience and liveability of our cities. Summarized 'Smart' is being defined as providing basic infrastructure and services, resilient and attractive urban patterns, quick and transparent planning processes and new technologies. The Indian government will develop 100 Smart Cities in the next 15 years. The first batch of 20 cities was selected out of 98 cities nominated by various states. The current urbanization level is around 31% accounting for 60% of India's GDP. The urbanization level is expected to grow rapidly in the coming 15 years and hence the Indian Government developed an ambitious plan to develop plans for these 'engines of economic growth' using the latest principles for sustainable urban development and new technologies. Culture embodies the soul of the city and heritage is an integral part of the city's identity, creating a sense of belonging and cohesion. Culture needs to be integrated into the urban smart strategies to ensure their sustainability.

Aim:

This year IHCNF Student Competition invites participants to look at historic areas of India's cities through the smart city lens.

OBJECTIVES:

- To develop different imaginations of smart city concept for cities by understanding its cultural heritage.
- To develop an understanding of how Area Based Development in city proposals can be integrated with the city- functionally, socially and aesthetically.
- To sensitize students to human aspects of Indian cities development and smart urbanism.

In this specific context of Indian cities, the research should give attention to the role of the beliefs and associations, ritual processes, and behavioural patterns of devotees and visiting pilgrims, if any, in order to establish these as crucial factors in the design and conservation of public spaces with religious significance.

Theme

SMART strategies to maintain the culture and identity of historic cities.

The Smart Cities will embrace new technologies, focusing on smart-enablement, resilience and collaborative innovation, to create a city that is competitive, open, interconnected and intelligent. It will feature excellent connectivity with a distinctive character of the town derived from its diverse mix of buildings, uses, streets, spaces and its outstanding heritage and culture. We are inviting submissions to a new ideas competition to provide a series of innovative solutions to some key problems of cities across the theme of 'Smart Cities'.

Smart City area based development is presently perceived as an island based and detached from the surrounding urban fabric because of its introvert planning approach. The design ideas from this competition will intend to integrate the area based proposals with the character, structure and the ethos of the Indian Cities.

Reference Materials

1. Smart City Guidelines-[http:// smartcities.gov.in/ upload/uploadfiles/files /SmartCityGuidelines\(1\).pdf](http://smartcities.gov.in/upload/uploadfiles/files/SmartCityGuidelines(1).pdf)

Eligibility

- Each team must be comprised of three to five students pursuing architecture or urban planning degrees at a recognized Indian institution.
- Each team must include an HOD or faculty member from the institution who will serve as team coordinator.
- All entries must be endorsed by the head of the institution.

Preparatory Work:

- Select a historic area in any historic city/Smart City (selected by State Government or GOI) and become familiar with the history and its current socio-economic condition, tangible and intangible aspects that shape the area (access, use and context) by interaction with local residents, referring to Government reports, media reports and statistics.
- Develop a smart and sustainable strategy /plan to link the area based development in the city to integrate with the city development which offers a solution to one or more socio-economic issues identified, foster innovation, provide opportunities to the stakeholders.
- Analyse the impact of the suggested development would put on the heritage significance of the place.

Guidelines for Site Selection:

Select a historic area in any Indian city/ approved Smart City and use innovative technology to enable connectivity focusing on smart strategies to enhance the distinctive character of the city's heritage and culture. Avoid choosing a site too far from your location in order to maintain easy and regular access to site for verification and research process.

1. Registration Requirements

The Registration form(Annexure1) is to be submitted to sudhapanda.far@kiit.ac.in along with the Endorsement Form (Annexure 2 which is required to be sent by the Institute) along with a proposal of prospective case study containing:

- General introduction of the selected historic area, including name, location and background;
- Current conditions of the selected historic area, including state of conservation, current use and key socio-economic issues of the historic area and population surrounding the site.

2 Submission Requirements:

Participants should present their plan using a maximum of five design panels accompanied by a separate written report (maximum five pages). Participating educational institutions are expected to conduct an internal selection process to select the most eligible entries for submission to the coordinating institute.

Upon confirmation of student's registration, a code will be provided, which must be marked on submitted panels and written revitalization plan report. Names of participants/institution must NOT be written on submission materials.

Rules and Regulations

- Incomplete entries will not be considered.
- All entries must be the original work of the participants and must be endorsed by the head of the institution.

- All entries will remain the property of IHCN and UNESCO New Delhi.
- All text must be in English.
- All entries must be submitted in both print and digital format.

Concept Panels (maximum 5)

Panel 1: Presentation of historic area

Panel 2: Mapping of the selected area within the cultural resources of the city

Panel 3: Current condition with land use pattern

Panel 4: Analysis of the socio-economic issues

Panel 5: Smart strategies to conserve heritage areas (public open spaces, connectivity, transit options, pedestrian movement, energy efficiency, public safety and infrastructure management)

Concept panels should be in the following format:

- ✓ Panel size: A1
- ✓ Paper Density: 100 gsm
- ✓ Panel quality: Color and Matte finish
- ✓ Free hand sketches or hand drawings encouraged.
- ✓ Use of satellite imagery allowed as a basis for analysis.
- ✓ Photographs are mandatory.

Important Deadlines

The Registration form(Annexure1) is to be submitted by the participants and the Endorsement Form (Annexure 2) is required to be sent by the Institute to sudha.pandafar@kiit.ac.in. On the receipt of the 2 documents, the registration will be considered complete. On successful registration the team will be sent the Application form to fill up and submit.

Last Date of Registration: 20th December 2017

Submission

Last Date of Submission: 20th January 2018

(Entries received after this date will not be considered)

Award of Prizes

First Prize: Rs 50,000/-

Second Prize: Rs 30,000/-

Third Prize: Rs 20,000/-

Certificates will be awarded to the prize winners.

Coordinators

1. Chandana Parida (+91- 9437037975)
2. Sabyasachi Mohanty (+91-9557021430)
3. Sudha Panda (+91-9778054144)

For more information, send inquiries to info@ihcn.in/sudha.pandafar@kiit.ac.in

Send your entries to:

Director

School of Architecture and Planning

Campus 7, KIIT University,

Bhubaneswar-751024

Jury:

The jury, comprised of national and international experts, will shortlist the entries and select the winning entries. The decision of the jury will be final and no appeal in this regard will be entertained.

About IHCN-F:

The Indian Heritage Cities Network Foundation aims to highlight the Indian city as a living cultural resource; foster the safeguarding and sustainable use of the unique and diverse urban cultural heritage of India; promote the physical, natural and cultural heritage, traditions, crafts and creativity as driving forces for urban development, and the generations of employment for a balanced socio-economic and cultural development. www.ihcn.in/

About UNESCO New Delhi:

UNESCO New Delhi's culture programme focuses on empowering decision-makers and communities to preserve and enhance the sustainability of the rich and diverse culture in the South Asia region. UNESCO's mandate is to ensure that its diverse histories, cultures and habitats are not only preserved, but are tapped and filled with renewed relevance for future generations. www.unesco.org/new/en/newdelhi

About KIIT University, Bhubaneswar

KIIT University, located in the heritage and smart city of Bhubaneswar, is among the top league Universities in India providing a scholastic, pluralistic and participating ecosystem for higher learning, expanding horizon of knowledge with ethical values and social responsibility.

The School of Architecture and Planning, KIIT University is committed to providing quality education, training and specialized services in various disciplines which include historic settlements and region, that fall under the umbrella of human habitat and ecology.