

11th

ICHH

INTERNATIONAL CONFERENCE ON

Humane

Habitat

January 29th - 31st, 2009
Mumbai, INDIA

THEME

**Sustainable Humane Habitats:
Revitalising City Centres and
Promoting Transit Area Development**

ORGANISERS

**International Association
For Humane Habitat**

HOST

**Rizvi College of Architecture
Bandra West, Mumbai 400 050, India**

IN ASSOCIATION WITH
Council of Architecture

Commonwealth Association of Architects

Brihan Mumbai Centre of

The Indian Institute of Architects

Practicing Engineers, Architects and

Town Planners Association

Indian Association of Schools of Architecture

Maharashtra Association of Schools of Architecture

Forum of Colleges of Architecture

University of Mumbai, India



IAHH
INTERNATIONAL
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HABITAT

7th IAHH
international student
design competition

ABSTRACTS

CITY CENTRE: LANDUSE CHANGE FROM JAIL TO PARK JOURNEY FROM BANKIPORE JAIL TO BUDDHA MEMORIAL PARK, PATNA

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Most of the cities of India lack the open recreation spaces depriving its dwellers the breathing spaces and place for children to play. The opportunities have to be explored in order to make the city livable. The congestion of roads, heavy vehicular pollution, pathetic condition of solid waste management and water logging during monsoon is the major threat to the city. The time has come when the large government vacant land has to be designated as open public spaces instead of converting them the places of economy generator.

Patna is an old historic city earlier known as Patliputra. Situated on the bank of River Ganga dates its history from 4th century BC from the time of Ashoka the great.

Exploring the Possibilities

Patliputra, among some of the earliest cities of the world and the Land of Buddha and Mahavira is going to have an ecological park in the heart of its town. It will provide not only open space and recreation centre to its city dwellers but it will give a relaxing time to those people who spend some time at Railway station due to its proximity.

The old Bankipore jail was located close to Patna in the heart of the city and spread on 20 acre land. After the construction of Beur Central Jail in late 1980's it was abandoned and it was the place for squatters and Slum Dwellers. The complete area gave a filthy look and the imagibility of the city was dismal. There was a great debate whether to convert this land to a shopping centre or the public open spaces.

The Project

The memorial park would include a huge Buddha statue, a Meditation hall, a Museum, and other amenities for the visitors. In the year 2007, 2550th year of Mahaparinirvana of Lord Buddha was observed and the park should reflect his teachings and sermons which are followed and respected throughout the world.

The commendable effort was taken by the state Government which realized the importance of park and open space in the city centre that will give a new look to the image of the city.

EARTHQUAKE RESISTIVITY OF TRADITIONAL ARCHITECTURE IN IRAN

Dr. Mohsen Vafamehr

Member of School of Architecture & Urban Design, Iran

Iran is one of the countries with recurrent earthquakes. In a country where mosques are the vital means of indicating culture and religious thoughts of the citizens and the nation, the presently standing mosques display very low resistivity against earthquakes. Hence these should be given top priority.

Specifications of technology in architecture, resistance of Iran

Iranian traditional architecture is based on Iranian history. This national historical Architecture with grandeur and magnificence has an immortal mystery. The unique Iranian Architecture culminated by unification on architectural designing, structure designing computation science and also human psychology which are supplement of each other. In fact Iranian architecture defines the Iranian soul. In this article we try to survey the specifications of this architecture by studying the ingredients of traditional architecture of Iran. Also we explore the possibilities of implementing a combination of old material and new material in traditional architecture.

Resistance technology in Iranian traditional architecture

Architecture can define form, technology, operation and tradition. While, Form includes, shape and sign; operation includes usage of architectural spaces. Technology includes building process, background thought of built form, structural systems and materials. Culture and the other mentioned substances are directly affected to the architecture. Consequently one of the main ingredients of architecture is technology. We try to survey the situation of technology in traditional contemporary architecture of Iran.

Impression of regional technology on resistivity of Iranian architecture

The following research throws some light on the present conditions of the structures and explores the different possibilities of enhancing their earthquake resistivity. We would discover that Iranian architecture has gone through a lot of thought processes before seeing the light of day. These structures can provide a lot of inspiration and learning for students of architecture. Many of the ancient structures still stand despite bearing the brunt of numerous earthquakes. These guiding lines should be used in the best possible way. This could include the study of the rules of their architectural designing and other worthwhile details of earthquake resistivity of a structure.

Key words: Iranian Architecture, Resistance, light weighting, technology, regional material

Earthquake Resistivity of traditional architecture in Iran

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Abstract:

Iran is known as one of the countries with continuous earthquake in the world. Unfortunately in this situation many of our mosques are not resistance where the structure resistance of mosques should have prior in cover mental plans as the mosques indicate culture and religious thoughts of a nation.

Key words:

Optimization, resistance, architecture, traditional,

Specifications of technology in architecture resistance of Iran

Dr. Mohsen Vafamehr

Associate Professor,
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Abstract:

Structure of our traditional architecture is based on Iranian history. This national historical Architecture with grandeur and magnificence has an immortal mystery. The unique Iranian Architecture culminated by unification on architectural designing, structure designing computation science and also human psychology which are supplement of each other.

In fact Iranian architecture is correlate whit Iranian soul and this is why responsible for any kind of personally, society or spiritual necessity of human. In this article we try to survey the specifications of this architecture by studying stuff and ingredient of constant traditional architecture of Iran. Also we do compression between old material and new material in traditional architecture.

Key words:

Architecture, Resistance, Specification, Iranian, traditional material

Resistance technology in Iranian traditional architecture

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Abstract:

Architecture can clean in 4 main part: 1- Form 2- Technology 3- operation 4- traditional



Form includes, shape and sign, and operation includes usage of architecture spaces.

Technology includes build process, background thought of build and material, structural systems and materials.

Culture and the other mentioned substances are directly affected to the architecture.

Consequently one of the main ingredients of each architecture is technology, but what the technology is in this article we try to survey the situation of technology in traditional contemporary architecture of Iran.

Keywords:

Resistance, Technology, traditional architecture, structure, structural stuff

Impression of regional technology on resistivity of Iranian architecture

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Abstract:

The following research perhaps seems some attention to the structure resistant of them against earthquake.

But in fact we would discover the Iranian architectures thought in every structure of them which has a lot of things to learn.

Many structures which after the years past are still constant.

And we should use this great legacy in a best possible way by studying the rules of their architectural designing and other worthwhile details of structure resistance.

Key words:

Iranian Architecture, Resistance, light weighting, technology, regional material