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Chairman's Address

Centre's Events

Brihan Mumbai Centre website was launched on August 26th 2016 at the office of our Trustee – IIA, Hon. Ar. Neelam Parelkar.

I request all members to please visit the website <http://www.iiamumbai.com> and send their suggestions, queries, relating to Architectural profession on the website. This will help us in improving the website and newsletter and to serve you better.

Brihan Mumbai Centre successfully organised a panel discussion on 29th of September 2016 at Bombay Exhibition Centre, Goregaon, Mumbai in association with Federation of Indian Chambers of Commerce and Industry - FICCI. The topic was "Urban-Habitat New Urban Agenda for Indian Cities." Various issues related to Indian urbanisation trends, development of cities and sustainability were discussed.

Brihan Mumbai Centre is actively participating in process of finalisation of Development Plan 2034 for Mumbai and D.C. Regulations. We have submitted our suggestions and objections on various issues of public interest & profession for Development plan 2034 and for Ease Of Doing Business. We are again requesting all members to send their suggestions on our website or by mail, this will enable us to bring about changes in the present grim situation and deteriorating quality of life in Mumbai. This can be pursued during hearing of objections.

We wish all the members and students of Architecture a 'Very Happy Diwali and Prosperous New Year' in advance.

Ar. Milind Sambhare.
Chairman

BULLETIN

INDEX

Page 1
Chairman Address

Pages 2 & 3
Habitat III - the United Nations Conference on Housing and Sustainable Urban Development.

Pages 4 & 5

Event—An interactive seminar on 'Urban Habitat – New Urban Agenda for Indian Cities.'

Page 6

Launch of Website of IIA-Brihan Mumbai Centre
IIA—MMR centres Activity on Online Approvals

Pages 7

Activities at the Dr. Baliram Hiray College of Architecture, Bandra (East), Mumbai.

Page 8

Newsletter Details

Habitat III is the United Nations Conference on Housing and Sustainable Urban Development, and is taking place in Quito, Ecuador, from 17 – 20 October 2016.



Habitat III conference Brochure available on <https://habitat3.org>

THE HABITAT III CONFERENCE

Habitat III is the United Nations Conference on Housing and Sustainable Urban Development, and is taking place in Quito, Ecuador, on 17 – 20 October 2016.

In Resolution 66/207 and in line with the bi-decennial cycle (1976, 1996, and 2016) the United Nations General Assembly decided to convene the Habitat III Conference to reinvigorate the global commitment to sustainable urbanization and to focus on the implementation of a New Urban Agenda, building on the Habitat Agenda of Istanbul in 1996.

Member States of the General Assembly, in Resolution 67/216, decided that the objectives of the Conference were to secure renewed political commitment for sustainable urban development, assess accomplishments to date, address poverty, and identify and address new and emerging challenges. The Conference will result in a concise, focused, forward-looking and action-oriented outcome document.

“Habitat III offers a unique Opportunity to discuss the Important challenge of how Cities, town and villages are Planned and managed.” Habitat III is the first United Nations global summit after the adoption of the 2030 Agenda for Sustainable Development and the Sustainable Development Goals. It offers a unique opportunity to discuss the important challenge of how cities, towns, and villages are planned and managed, in order to fulfill their role as drivers of sustainable development, and how they can shape the implementation of the new global development goals and the Paris Agreement on climate change

THE NEW URBAN AGENDA

The New Urban Agenda, along with the formulation of policies, plans, and programmes at the local, national, regional national and international levels, will take into consideration.

- * The role of sustainable urbanization as a driver of sustainable development:
- * Urban –rural linkages:

The interlinkages among the social, economic, and environmental dimensions of sustainable development in promoting stable, prosperous and inclusive societies.

THE TRANSFORMATIVE POWER OF URBANIZATION

Urbanization is an unprecedented challenge. By the middle of this century, four of every five people might be living in towns and cities. Urbanization and development are inextricably linked, making it necessary to ensure the sustainability of growth.

Throughout modern history, urbanization has been a major driver of development and poverty reduction, with the power to change and improve lives. Governments can respond to this key development opportunity through Habitat III by promoting a model of urban development that integrates all facets of sustainable development to promote equity, welfare and shared prosperity.

It is time to mobilize the global community in focusing on all levels of human settlements – small rural communities, villages, market towns, intermediate cities, and metropolises when considering demographic and economic growth.

Habitat III can help systematize the alignment between cities and towns in their role as drivers of national economic and social development and national planning objectives. It has the convening power to bring together all the actors necessary to achieve these objectives. Solutions to the complex challenges of urbanization can only be found by bringing together Member States, multilateral organizations, local governments, private sector, and civil society.

“Urbanization has become a driving force as well as a source of development with the power to change and improve lives.”

Source: <https://habitat3.org/>
<http://utc.niua.org/utc-india-plenary-session-2/>



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Habitat III is the United Nations Conference on Housing and Sustainable Urban Development, and is taking place in Quito, Ecuador, from 17 – 20 October 2016.

WHAT RETHINKING

THE URBAN AGENDA MEANS:

Embracing urbanization at all levels of human settlements, more appropriate policies can embrace urbanization across physical space, bridging urban, peri-urban, and rural areas, and can assist governments in addressing challenges through national and local development policy frameworks.

Integrating equity into the development agenda.

Equity is an issue of social justice, ensures access to the public sphere, extends opportunities, and increases the commons.

Fostering national urban planning and planned city extensions.

Deciding how relevant **Sustainable Development Goals** will be supported through sustainable urbanization.

Aligning and strengthening Institutional arrangements with the substantive outcomes of Habitat III to ensure effective delivery of the New Urban Agenda.

WHAT IMPLEMENTING

THE NEW URBAN AGENDA NECESSITATES:

Urban Rules and Regulations. The quality of outcomes of an urban settlement is dependent on the set of rules and regulations and their implementation. Proper urbanization requires the rule of law.

Urban Planning and Design. This entails adequate provision of common goods, including streets and open spaces, together with an efficient pattern of buildable plots.

Municipal Finance. For efficient management and maintainance of the city, local fiscal systems should redistribute parts of the urban value generated.

With Consideration For....

National Urban Policies. These establish a connection between the dynamics of urbanization and the overall process of national development.

FACTS:

India Fares worse than Pakistan and Nepal in Habitat Commitment Index (HCI)

The recently released HCI which tracks every country's performance record as against the commitments made during Habitat II in Istanbul in 1996, shows that India has fared worse than other South Asian countries, India has registered negative scores on Urban Infrastructure and institutional capacity, worse than what it was two decades ago.

It has shown improvement on poverty scale and minimal increases on sustainability front. Another Area of improvement is gender equality ie formulating & strengthening policies and practices to promote full & equal participation of women in human settlements planning and decision making.

33 Parameters of the New urban Agenda for Indian Cities – As per Report

- Fully planned cities
- Composite Living- Inclusive development
- Public transportation -up to/more than 60%
- High speed public transport
- low/non polluting transport
- Lessening of fossil fuel use-emphasis on walking, e-rickshaws, local transport
- LED street lights- low consumption, with dimmers
- Street light repair by inverter support, sensor based fault identification
- CCTV-high security streets
- RCC roads-integrated with future expansion plans-no digging
- Rain water harvesting all roads, streets, and buildings
- Barrier free pedestrian pathways
- 100% sanitation
- Natural drainage pattern, climate change
- Waste water treatment and on-site reuse
- Reclaiming water bodies
- Bringing down water use to half from current standard
- Mosquito control
- Green open spaces- plantation of fast growing bamboo
- Public facilities
- Accessibility of public facilities to all
- All green building
- Barrier free building
- Electricity consumption lowered by 50%
- Well distributed Business District Centres
- Low crime/ fast disposal
- Adequate housing for senior citizens
- Waste (100% collection) to electricity
- Intensive use of technology/innovation
- E-Governance
- Smart grid
- Normative norms, self-declaration/ approval of building/ town layouts (Ease of doing Business)
- Disaster preparedness

Source: <https://habitat3.org/>

<http://utc.niua.org/utc-india-plenary-session-2/>

Look forward to our next issue:

Report on upcoming events:

'Online Approvals of Projects by Planning Authority.'

'Women in Architecture.'

'Fire safety Mission for safe living.'



**THE PERFECT
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IIA – Brihan Mumbai Centre in association with Federation of Indian Chamber of Commerce & Industry and the Big 5 Construct India organised an interactive seminar on 'Urban Habitat – New Urban Agenda for Indian Cities.' On September 29th 2016 at the Big 5 Construct India Conference and Trade Fair 2016 held at Bombay Exhibition Centre, Goregaon , Mumbai.



Federation Of Indian Chambers
Of Commerce And Industry



Indian Institute of Architects
Brihan Mumbai Centre

29 SEPTEMBER, 2016



Big 5 Construct India



Mr. Sanjeev Karpe



Ar. Parul Kumtha



Ar. Nilesh Gandhi



Ar. Nilesh Dholakia



Ar. Darshana Dubhashi

First Panel: a) Bamboo on alternative Building material, b) How & Why of Inclusive Design and c) Green building- options, methods & rating systems.



Ar. Sulakshana Mahajan



Dr. Amita Bhide



Ar. Rohit Shinkre



Ar. Pranav Desai



Ar. Advait Sambhare

Second panel: a) Sustainable & Smart cities b) Expanding the Realm of Indian Cities and c) Inclusive development of cities and Informal Economy.

'Urban Habitat – New Urban Agenda for Indian Cities.'

The event was a part of Centenary Series of events at The Brihan Mumbai Centre of the Indian Institute of Architects & 25 years of the Mumbai centre since 1991.

United Nations is holding the Habitat III Conference on Housing and Sustainable Urban Development to take place in Quito, Ecuador, from 17 – 20 October 2016.

Such conference is held every 20 years starting from 1976 when the world Urban population was 37.9 % and 40 years down in 2016 when it is 54.5%. This is in order, to reinvigorate the global commitment to sustainable urbanization & to focus on the implementation of a New Urban Agenda.

As per their study, in the Global context , Cities today occupy approximately only 2% of the total land, however, GDP is 70%,

Global Energy consumption is over 60%, Green- house Gas emission and Global waste is again 70%.

Hence recognising the needs in India for its cities on similar lines, Indian representatives have prepared a National Report which is submitted to the United nations constituting various concerns of urbanisation and one such observation regarding Urban India, as stated in the report is that India is expected to be a whopping 46% urbanized by 2036.

The report lists 33 parameters that defines how we perceive future Indian cities.

The programme was also a prelude to the United Nation's celebration of World Habitat Day on 1st Monday of October each year ie 3rd October in 2016 which promotes the idea that **'Everyone deserves a decent place to live'**.

Their tag line being **'Through shelter, we empower'**.

**UPGRADE
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An array of speakers presented to support the global initiative of have Sustainable Development Goals.

The first round of panel discussions included:

Mr. Sanjeev Karpe – Founder Director with Konkan Bamboo & Cane Development Centre (KONBAC), who addressed parameter no. 19 - Fast growing bamboo.

Title : Bamboo: An alternative Building material,

From comparing international standards of production and use of Bamboo with indigenous ones, the presentation took to various possibilities in bamboo construction types and furniture. Record breaking pavilion display of 10,500 sq.ft in Bamboo was the highlight of the presentation. The training for effective production, use & maintaining of bamboo was part of the presentation. Though an old and known material, the varied possibilities of today were understood. Thus, concluding Bamboo - as an alternative building material and saw it in a different light.

Ar. Parul Kumtha - Principal Architect, Nature-Nurture Architects & Planners, a practice that is committed to Green designs that conserve natural heritage and allow barrier free access to all sections of society

Title: Why & How of inclusive Design.

The parameter nos.12. Barrier free pedestrian pathways, 21. Accessibility of public facilities to all 23. Barrier free building The presentation highlighted need of barrier free features and environment at all public places and residences through various projects cases, in different categories. Various initiatives in transport facilities for the physically challenged and how they could be resolved were also discussed. It made the audience ponder over 'The Little things that matter much' in the making of an **inclusive and accessible** Society.

Ar. Nilesh Gandhi - Director of Meta Design Architects Pvt. Ltd., which is a multidisciplinary architectural organization with Green Buildings Certification as one of the Consultancies.

Title: Green Buildings options, methods and rating systems etc. which is parameter no. 22 – All Green building.

The various criteria of Green buildings, types of rating systems and taking the sustainability goal seriously for a better and lively world.

Ar. Yeshwant Pitkar, Secretary IIA Brihan Mumbai centre presented mementoes to the panellists and moderator **Ar. Nilesh Dholakia**, Executive Committee member – IIA Brihan Mumbai Center

The second session:

Ar. Sulakshana Mahajan – Working as consultant in urban planning, housing issues at Mumbai Transformation Support

Unit (MTSU) Mumbai. Conducting research and writing about Indian urban issues. She has a number of publications to her name.

Title: Sustainable and Smart Cities.

A very thought provoking presentation on the perspective of emerging Global threats, challenges and concepts of sustainability, which is multifaceted. The presentation brought about to differentiate what can be a good city living and what seems to be good. Various tangible action points were presented to make the urban living sustainable, human and smart.

Dr. Amita Bhide - Dr. Amita Bhide, an Associate Professor in the School of Habitat Studies is the Chairperson of the center of Urban Planning, Policy and Governance in the Tata Institute of Social Sciences. She also was the convenor for the Masters programme in Habitat Policy and Practice. She has a number of writings to her name,

Title: 'Expanding the Public Realm of Indian Cities'.

Addressing the parameters No.1 – Fully planned cities, No. 20- Public facilities No.21. -Accessibility of public facilities to all The presentation focussed on Changing Indian cities. Growing gap between government policies and implementation. Need of the planning and policies to reach public discourse and within public realm. Cities do grow, but with disparity and with range of issues. Violence & insecurity get embedded in such public spaces and become emergent site for politics.

Ar. Rohit Shinkre: Has worked on a variety of projects from urban/campus design, architecture and interior designer protects. He is Professor design chair at Academy of Architecture, Mumbai. His articles on urban issues have been published widely in India and abroad.

Title: 'Inclusive development in cities and informal economy'

The presentation aimed at appreciating informal spaces already integral part of the Indian cities with their contribution to the informal economy. The talk was about how Indian cities need to look at the informal sector as an opportunity for equitable development rather than a hindrance in the pursuit of a development model not reflecting the socio-economic realities of our cities. Case study of an informal market development was presented.

Ar. Sundeep Shelar, Jt. Hon.Secretary IIA Brihan Mumbai Centre felicitated the panellists and moderator **Ar. Pranav Desai** by presenting mementoes to them.

Ar. Sundeep Shelar also felicitated **Ar. Darshana Dubhashi**, for co-ordinating and compering the event.

The event was concluded with an assurance to have detailed programmes on subject of interest in Architectural colleges.

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Website launch – Indian Institute of Architects – Brihan Mumbai Centre

It is a pleasure to inform the members at the Brihan Mumbai Center regarding the launch of the website. Please visit us at <http://www.iamumbai.com>

The website was officially launched by **Ar. Neelam Parelkar**, Trustee, Indian Institute of Architects at her office on August 26th 2016 in the presence of the Executive Committee at the Brihan Mumbai Centre.

Amidst many other features, the website intends to upload information regarding activities of the centre, report on completed events and information about forthcoming events.

We are thankful for the efforts of **Ar. Arvind Wadke**, **Ar. Ajit Gupte** and **Ar. Nilesh Dholakia**, Executive Committee members of IIA Mumbai in making of the website.

Members are requested to upload their queries on the website. It can be a forum for Architects to interact and understand various concerns and achievements by the profession

IIA –MMR centres Activity on Online Approvals

Brihan Mumbai Center organised a series of meetings with the Mumbai Metropolitan Region (MMR) centres of the Indian Institute of Architects to discuss common issues related to Online Approvals of various Approving Authorities.

Nearly 20 Office bearers from IIA centres of **Brihan Mumbai, Thane, Kalyan-Dombivali & Navi Mumbai** attended such meetings and interacted on their concerns.

One of the main issues discussed were about the effectiveness of the online approval system at various approving Authorities in the Mumbai Metropolitan Region.

It was commonly felt that the present Online approval systems and their implementation are cumbersome, & does not serve the entire purpose of Ease of Doing Business.

The systems / software designed are not as robust as required. They do not cover all aspects of the submission. Most of the times the submissions are required to be made through agencies who are outsourced by the Planning Authorities, instead of the ease of uploading online by individuals at their offices etc.

The software once purchased is not sufficient. They need to be continually updated. Updates are available at a cost. The compatibility with various platforms in office and on the Client's side ie Pre DCR and Auto DCR are different.

The payment to be made to Authorities is not activated in all cases. A centralised online payment system is desirable. The ease of operating the software and serving the purpose of no human intervention or need to visit the Planning authority office is required to be resolved. The issue from the Architects side also needs to be conveyed and understood by Authorities to have a user friendly system on either sides. Training is required to be provided on either sides. Many similar and complex systems are made much easier, faster, without any human intervention and user friendly very effectively by robust servers and necessary features to achieve the same. Another crucial point of discussion was updating of land records, city survey plans, development plans and other concerned department for various remarks are also required to be linked for issuing of NOCs etc

The intent of this activity is to convey and follow up for a smooth, hindrance free, transparent and user friendly system for the benefit of all concerned. This is going to be pursued with the help of the Urban Development Department, Planning authorities, the IT departments & the Software design agency.



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Activities at the Dr. Baliram Hiray College of Architecture, Bandra (East), Mumbai.
• Disaster Management Training Programme • Meraki 2016



Lecture Session & live demonstration and practical implementation to protect yourself and safe evacuation during earthquakes & terrorist attacks



“Duration: August 31st and September 01, 2016

In light of a number of natural and man-made disasters that threaten human life, it was decided to conduct Disaster Management Training Programme in Hiray College for the Architecture Department faculties, students as well as admin staff. The same was conducted by Mr. D. G. Phondekar, who is associated with K J Somaiya College of Science and Commerce. He is an NSS (National Service Scheme) coordinator.

It was a one and half day session which commenced August 31st (2.00 pm to 6.00 pm) and concluded on September 01st (9.00 am to 6.00 pm), 2016.

The areas covered were:

- Crowd Control
- Mind Management during disaster
- Different types of lifts while rescuing victims
- Live demonstration by involving students

After Mr D.G. Phondekar’s sessions, we had another guest, Mr. Brahmadande who is associated with the disaster management cell of MCGM. He shared his valuable knowledge on different kinds of first-aid including bandages and stretchers, along with a practical demonstration.

A live demonstration comprising indoor as well as outdoor situations including rescuing of victims by quick response teams (QRT) and how to use knots and ropes to rescue victims in case of unavailability of stairs. The sessions have given us valuable insights on what is disaster management and how vital it is in our daily life.

Ar. Darshana Vyas - Ar. Niropama Sawant



Panel Discussion : From L-R Mrs. Geetanjali Hiray, Ar. Pranav Bhatt, Er. Manoj Dubal, Mr. Prasad Hiray, Ar. Dinbandhu Upasani, Dr. Neeta Shukla, Ar. Swapna Khade, Ar. Sunil Magdum

Meraki is an interactive initiative taken by Dr. Baliram Hiray college of Architecture to create a platform for synergy between students and professionals in the discipline of Architecture to share views and ideas.

Its an annual event commencing from 2014.

Meraki 2016: was held on 21st September 2016 at Swatantryaveer Savarkar Auditorium, Dadar (W). Meraki 2016 delved into ‘Design Dynamics’ to provide an insight to the students to understand the process through which a concept morphs into a successful design. This year the speaker panel scaled new heights with speakers comprising two internationally acclaimed architects- Ar. Rafiq Azam-Shatotto Architects (Bangladesh), Ar. Palinda Kannangara- (Sri Lanka) along with Ar. Madhav Raman- Anagram Architects (New Delhi) and Ar. Rahul Gore & Ar. Sonal Sancheti-Opolis Architects (Mumbai). The occasion was graced by the presence of PEATA President Er. Manoj Dubal, Ar.Dinbandhu Upasani and Dr. Neeta Shukla. It was a great success that showed participation of 450 students, professionals and delegates from Mumbai and other Universities. A panel discussion was held in the end to summarize the key aspects raised by the speakers. The panel was also thrown open to the audience where the queries of the students regarding their academics were addressed.

-Ar. Nivedita Desai

DISCLAIMER

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IIA - Brihan Mumbai Centre: Centenary Events

The Indian Institute of Architects' is completing 100 years and IIA Brihan Mumbai has completed 25 years. We have planned to organize monthly lectures / panel discussion series between May 2016 - April 2017

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