



HUDCO's HUMAN SETTLEMENT MANAGEMENT INSTITUTE  
**ITEC International Training Programme on**  
**'Formal Solutions to Informal Settlements'**  
 20<sup>th</sup> March 2023–14<sup>th</sup> April 2023

**Why Choose us:**

Housing and Urban Development Corporation Ltd. (HUDCO) is a unique Central Public Sector Undertaking under the Ministry of Housing and Urban Affairs, Govt. of India with more than 51 years of experience in providing loans for housing and urban infrastructure projects in India. Its objectives and activities cater to the weaker sections and improving the quality of life of citizens in line with the Government of India priorities. In keeping with our motto of profitability with social justice, 92% houses supported by HUDCO are for the Economically Weaker Section and Lower Income Group. HUDCO offers consultancy services, promotes research and studies related to urban development and supports the Government of India in its various housing and urban development related programs and policies like the 'Prime Minister Awas Yojana' or Housing for All which is the world's largest Housing Programme.

HUDCO's Human Settlement Management Institute (HSMI) is the research and training wing of HUDCO. HSMI provides training for professionals on a variety of issues of housing, urban and regional planning and development. It is ISO 9001:2015 certified and the scope of activities covered by this certificate is **Training, Research and Networking**. HSMI has considerable experience of conducting short term training programmes. The benefits of training with us are-

- **Availability of centrally located adequate office space at Lodhi Road with training Infrastructure facilities including computer lab, hostel facility at Khel Gaon and pan India presence through HUDCO Regional Offices.**

- **Multi-disciplinary technical manpower, along with drawing experts from Head Office & Regional offices.**
- **Organised 47 ITEC/ eITEC programmes in which about 1100 participants have been trained.**
- **Imparted training to over 54,000 professionals through more than 1750 Training & Capacity Building programs & other events for local, national and international professionals engaged in the Housing and Urban Infrastructure Sector.**
- **Collaborative linkage/networking/partnerships with 35 national and 10 International Institutions.**

### About the Program

#### Urbanisation -The challenges ...

...the unfolding story in developing countries including India is messy and hidden wherein a new class of urban settlements, increasing informality and rise of urban gig economy, service – led urbanization, urban prosperity and livability below potential are the characteristics. There is a need to understand the processes of natural growth, urban rural migration, rural areas turning urban-the costs involved and the benefits thereof. The consequences of the transformation such as income growth, poverty reduction, large inequalities and a widening chasm, climate change induced disasters and vulnerability of settlements are visible. The global response and the need for change have given rise to the New Urban Agenda and Sustainable Development Goals.

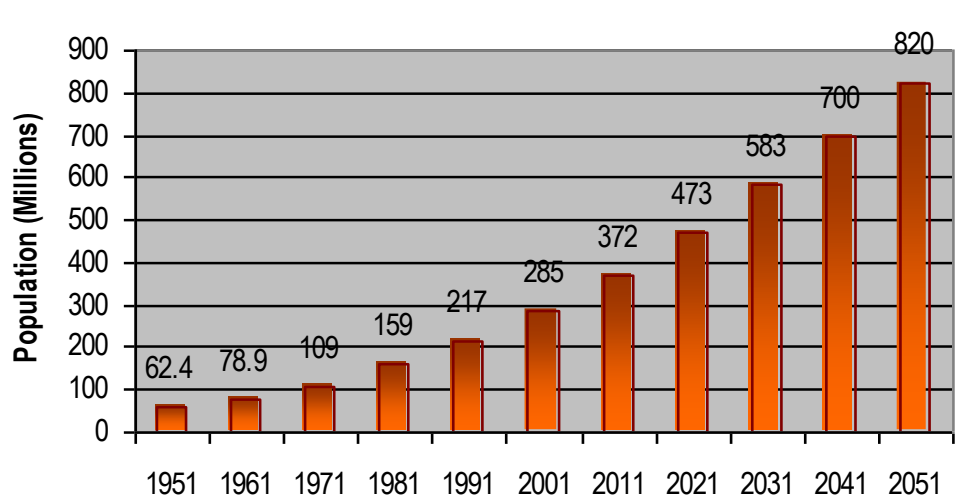


EWS housing under PMAY- HUDCO Project

#### Informal Settlements...

Informal Settlements are inevitable reality in the fast urbanizing countries, like India.

Increasing number of slums dwellers highlight the shortcomings in the planning process. Migration of people to the cities within the country generally is due to marriage, in search of livelihood, better opportunities of education, proximity to health and entertainment facilities, better law and order situation and is a continuous process though the rate of migration keeps on changing. Informal living does not come by choice for the poor population hence there is need to plan and build inclusive cities.



### India's urban population is growing

#### Formal Solutions...

The training programme **Formal Solutions to Informal Settlements** addresses the main issue in urbanisation – that of developing affordable, inclusive and just cities for the people living informally – squatter settlements. To achieve this vision the resolution of the **Agenda 2030 to leave no one behind** was adopted globally. The amount spent by the slum dwellers on arranging meagre basic services of water, electricity etc., is much higher than people living in formal settlements and in absence of tenure rights the danger of evacuation/ displacement/ demolition is always there. The issue of providing affordable housing to all with basic infrastructure facilities is one of the goals of the urban fraternity. The participants will learn about the schemes of Government of India to address the problems of informal sector through the policy, programme and projects formulated and implemented such as affordable housing, provision of night shelter facilities, regularising tenable slums, relocating the untenable slums and assisting the urban poor by providing loans at subsidised rates, providing direct subsidy to the poor, creating housing stock of affordable housing through private participation by incentivising them through additional FAR/ FSI or TDR under the Pradhan Mantri Awas Yojana (PMAY) - Housing for All (Urban). This course also covers the missions of the Government of India like Smart Cities, Swachh Bharat Mission, Atal Mission for Rejuvenation and Urban Transformation (AMRUT), to improve the cities in the respective sessions.

The technological aspects considered by the government for promotion – faster methods of mass construction inclusive of disaster risk reduction aspects, minimization of energy consumption - promoting nonconventional energy sources- solar & biogas, developing rain water harvesting system, waste water recycling, composting of organic waste, etc., are considered at planning stage to encourage

sustainable development.



The mobility options and access to basic services is essential for the efficient functioning of our cities and towns, as they expand. The issues of multimodal transport options, urban livelihoods and financial inclusion through micro-finance have been addressed and discussed. The use of Information and communication technology for connectivity and security in human settlements is crucial for the growth of digital India. Effective formal solutions are crucial for the success of urban development particularly in metropolitan areas. The role of government is of a facilitator for improving the affordability of various alternatives of structurally safe housing typologies, adhering to planning norms and establishing linkages with the city infrastructure services. There is a need to develop processes and tools to protect the social, economic and cultural fabric of the people who have been living in informal settlements. The course on “Formal Solutions to Informal Settlements” looks into these challenges of informal settlement and the various interventions including innovative solutions to deal with such issues being faced by most of the cities of the developing world.



Affordable Housing under PMAY at Tenali- HUDCO Project

Although any initiative for improvement would have to be planned locally, assimilating the solutions adopted by other cities and regions facing similar problems to build capacity of urban managers is essential. These professionals have to be prepared to leverage their knowledge and skill set to confront and combat the deteriorating situation of our cities and challenges faced by the urban population. Hence, sharing the learning experiences from the urban challenges and innovative

approaches adopted by various cities of India would help build in the capacity of the participants in the programme. The policy makers and professionals in urban arena should be accosted with success stories of upgrading the living conditions for slum dwellers. The program will be highlighting the various initiatives and strategies for improving the living conditions of the marginalized population through access to affordable housing with basic services like water supply, toilet facility, solid waste management collection system, electricity connection etc., in places close to their livelihood centers through technical visits and case studies.

### **Proposed Dates and Location:**

The course is proposed to be conducted from 20<sup>th</sup> March to 14<sup>th</sup> April 2023 at HUDCO's Human Settlement Management Institute, HUDCO House, Lodhi Road, New Delhi.

### **Aim of the Programme:**

The course has been designed with the aim to share the knowledge and experience through technical sessions, case study, site visits, group exercises and interactions to address the challenges of providing sustainable, affordable and cost effective solutions to the informal sector with the participants. It aims to equip the participants with the required skills and information to manage the human settlements for sustainability, inclusivity and livability.



### **Programme Objectives**

The programme provides great resources for understanding urbanisation and enables participants to

- Define Urban Areas, Informal Settlements, the global perspectives and Indian history on Urbanisation Trends and Government of India Schemes
- To examine the role and tasks of urban managers for formalizing the informal settlements, the process of growth of informal settlements in the context of social, political, spatial and institutional factors;
- To learn the innovative technologies in Affordable Housing and Disaster mitigation technologies
- Design and Planning parameters for Informal and Formal Settlements; and
- Share experiences with Urban Development Managers from other countries.

### **Methodology of the programme**



The training programme is imparted through classroom lectures, presentations, team building games, group exercises and field visits. Resource persons are professionals from HUDCO, eminent professionals

of repute invited from outside HUDCO including those from central/ state government, major institutions, private sector and non-governmental Organizations (NGOs) such as, Building Materials Technology Promotion Council (BMTPC), Hindustan Prefab Limited (HPL), Centre for Policy Research (CPR), School of Planning and Architecture (SPA) New Delhi, Indian Institute of Public Administration (IIPA) New Delhi, Haryana Institute of Public Administration (HIPA), Town and Country Planning Organization (TCPO), Delhi Development Authority (DDA), Delhi Urban Shelter Improvement Board (DUSIB), Sulabh International, Jawaharlal Nehru University (JNU), DSIIDC, National Institute of Urban Affairs (NIUA), UN-Habitat, CURE, SEWA, Aga Khan Foundation etc. The lectures included illustrative case examples and best practices on the topics. The programme is run on participative lines ensuring involvement of the participants during discussions and group exercises. Therefore, interactive group exercises and team building sessions were planned to engage participants in course delivery. Site visit to existing slums, various upgraded slums with PPP participation, in-situ improvement, relocation etc., models adopted by different States are showcased to appreciate the real situation. Also Technology Park, toilet museum, livelihood workshops, transport model are showcased for alternatives available.

## **Programme Schedule and Details of Training Programme**

During the four week training programme on “Formal Solutions to Informal Settlements”, the participants are exposed to the whole range of issues faced by urban planners, managers, engineers, of development authorities, urban local bodies, in the governance, development, provision and management of housing and urban infrastructure. The programme structure has evolved in smaller modules to address the specific problems, issues and interventions in the sub areas of urbanization & population growth, growth of informal settlements, land use regulations & government initiatives for informal settlements, options for in-situ & relocation of informal settlements, urban livelihood & financial inclusion, urban governance & financing, etc. Study visits and group exercises are also part of programme.

## **Programme Contents**

The course is divided into 6 modules and a brief description of each module is given below:

### **Module 1: Introduction to Urbanization, New Urban Agenda, Sustainable Development Goals**

This module will present the concepts of urban areas and urbanization and factors for rapid urbanization. Further, participants will be given an overview of New Urban Agenda and Sustainable Development Goals.

- Urbanization and New Urban Agenda– Global Picture
  - Infrastructure, Governance, Inclusive Cities, Challenges, Agenda for the Future;
- Strategies, Policies, Tools & Mechanisms for upgrading & rehabilitating Slums and Informal Settlements
- Urbanization trends, Challenges in the Developing World
- Sustainable Development Goals, Climate Change Resilience (INDC,

COP-21)

- Planning for Sustainable and Inclusive Urban India
- Urbanisation, Migration, Inequality and Informal Settlements
- An Agenda for Urban Transformation
- Sustainable Development Goals, Habitat-III approach towards housing / informal settlements



Affordable Housing Complex at Bhimavaram- HUDCO Project

## **Module 2: The Informal City v/s the Formal City- Government of India Policy, Mission and Programmes**

Illegal occupation of urban land is a widespread phenomenon in low-income countries; inner city slum dwellers, although occupying land outside the legal land tenure system with limited or no access to public utilities, benefit from their proximity to formal and informal employment in the surrounding areas. This module will discuss the Government of India Programmes like PMAY- Housing For All, JnNURM, AMRUT, HRIDAY, Smart Cities Programme.



- Introduction to Informal Settlements
- The Informal City v/s The Formal City – A Conceptual Framework
- Issues in Regularising Informal Settlements
- Housing in the Informal and Formal City
- Socio- spatial State of Slums
- Thinking Formally about Informality
- Sanitation and Hygiene Improvements in Informal Settlements
- Government of India Schemes- Impact on Informal Settlements, Smart City Mission, Amrut, Hriday- Impact on Informal Settlements

- Master Plan Delhi 2021- An Inclusionary Approach towards Informal Settlements
- Development Control and Zonal Plans

### **Module 3: Land Regulations, Growth of Informal Settlements, Planning and Design Guidelines**

This module will discuss the land regulations and developmental plans for the area according to the master plan. The reasons for growth of informal settlements in the planned areas would be discussed. The process of recognition of informal settlements and their various forms as per rules would be discussed in detail.

- Inclusive Strategy of Government of India for Informal Settlements
- Land Use Regulations & Management techniques/ tools & LARR 2015
- Growth of Informal Settlements
- Shelter for Urban Poor and Homeless
- Role of Delhi Urban Shelter Improvement Board and Night Shelters
- Experience sharing by NGO- Role in regularization of Informal Settlements
- Challenges of Implementing Solid Waste Management for Informal Settlements
- Planning and Design solutions for informal slums and settlements
- Logical framework analysis for programme and project design

### **Module 4: Options for Rehabilitation, Provision of Basic Services and Infrastructure**

Formalizing the informal settlements and improving the settlement on-site or planning for the urban growth requires preparation of Action Plans, Detailed Project Reports. In this module, various case studies pertaining to in-situ development with transit facility and relocation will be presented to highlight the mechanisms adopted to formalize the informal settlements.



- Options for Slum Improvement and Redevelopment
- Experience sharing of providing Basic services in Informal Settlements
- Housing options for Urban Poor/Low income Housing
- India towards Multi- modalism
- Detailed Project Report for Slum Free City Plan and Affordable Housing
- Mass Construction Technological Solutions
- Use of Renewable Energy in Housing
- Disaster Mitigation and Rehabilitation Measures for Informal Settlements/ Slums
- Basic Facilities for Informal Settlements
- Technical Field Visit To Technology Park
- Site Visit to Sulabh International, Rashtrapati Bhawan Museum and Bureau of Parliament Studies



- Technical Site visit to Area Development Authority, Slum Rehabilitation Authority

### **Module 5: Livelihood options and Government Schemes**

This module would focus on elaborating the tools required to promote livelihoods. Livelihood issue must be addressed in such a way as to buttress and build links with the local economy. Informal sector contributes greatly to the economic development of the Country.

- Inclusion and equity through informal sector livelihoods-challenges and prospects
- Street Vendors in India: Journey from criminalization to legal protection and promotion of livelihoods
- Microfinance and livelihoods
- Skill Training: An approach to urban livelihoods in India
- Livelihood in housing interventions
- Developing a livelihood center: Case Study
- Technical Site Visit to Delhi Urban Shelter Improvement Board slum improvement and Night Shelter Projects
- Technical Site Visit to Affordable Housing Colony



### **Module 6: Urban Governance and Finance**

Making urban governance pro poor and allocating resources for undertaking up-gradation of informal settlements is a daunting task in most urban local bodies. In this module, various case studies will be presented to highlight the concept of using land as a resource; public private partnership, community led initiatives, microfinance etc., for upgrading informal settlements.

- Urban governance structure and Pre-requisite for good urban governance
- Financial sources and solutions for Housing/ Cost-effective housing- Role of Micro Financing institutions for Housing/ Informal Activities
- Challenges and Opportunities: Real Estate Sector- The Way Forward
- Resource Mobilisation for Municipal Infrastructure
- Some Issues in Governance and Finance
- Housing for All- Credit Linked Subsidy Scheme
- Role of Regional planning and governance structure in Housing/ informal settlement
- Urban Reforms in India: Issues, Challenges and Opportunities

- Quiz on Formal Solutions to Informal Settlements
- Debate on Formal Settlements v/s Informal Settlements



The programme is run on highly participative lines ensuring maximum involvement of the participants. Besides interaction with faculty, each participant would also be required to prepare a country paper, concept paper and further participate in group discussions, games and exercises to help them tackle their own work situations.

### Technical Site Visits

Structured visits to in-situ improvement, resettlement and rehabilitation projects, livelihood and technological options relevant to the programme will be organized to impart practical experience to the participants. The visits to projects implemented by Central and State Governments, major public and private sector undertakings, NGOs and CBOs will also be undertaken.



Housing under BLC-PMAY- Assam



Housing under BLC- PMAY Gujarat



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