

# ONE WEEK ONLINE TRAINING PROGRAMME FOR OVERSEAS PROFESSIONALS 2021-22 FUTURISTIC CITIES – SMART & RESILIENT

HUDCO's HSMI

6<sup>th</sup> December 2021 – 10<sup>th</sup> December 2021



Under International Technical and Economic Cooperation (ITEC)  
Sponsored By Ministry of External Affairs, Government of India

## ABOUT THE PROGRAMME

The course on Futuristic Cities is designed to help the participants understand the concept of smart and resilient cities that can respond effectively to pandemics and future climate shocks. The course will focus on various aspects of smart and resilient future-proof cities like resilient and green housing, water conservation and waste water recycling, clean and active public transport systems, waste management, environmental improvement and disaster risk reduction in cities through planning interventions, integrated and participatory urban planning and urban governance. It will also expose the participants to on-going urban development programmes and policies of the Govt of India, as well as other countries in this regard and India's efforts in planning for smart and resilient cities through Govt and private sector efforts.

## ABOUT HUDCO AND HSMI

Housing and Urban Development Corporation Limited was set up in 1970 by the Government of India to accelerate the pace of housing and urban development in the country. It is a public listed company with more than 50 years experience in providing loans for housing and urban infrastructure projects. HUDCO has established itself as a premier techno-financing company. Apart from the financing operations, HUDCO offers consultancy services, promotes research and studies related to urban development and supports the Govt of India in its various housing and urban development related programmes.

HUDCO's Human Settlement Management Institute (HSMI) is the research and training wing of HUDCO, a Govt of India undertaking under the Ministry of Housing and Urban Affairs, HSMI provides training for professionals on a variety of issues of housing, urban and regional planning and development. HSMI has considerable experience of conducting short term training programmes. So far, it has conducted 43 ITEC programmes in which about 900 participants have been trained. And one eITEC programme in which 14 participants from Ministry of Development, Brunei Darussalam have been trained.

## TARGET GROUP

The course is specially designed for mid to senior level officers of SAARC countries who are professionals from the government/ Private/ NGO sector engaged in the housing and urban development sector. The programme will give them an in depth understanding of the interventions being undertaken by the Indian government, developers, architects, urban planners, financiers and urban local bodies for future proofing Indian cities from unexpected challenges like pandemics and climate change induced disasters .

## ELIGIBILITY

Participants should have at least a bachelor's degree or equivalent and should be working in the housing and urban development sector with minimum 5 years of relevant experience. Preferred Age group is 25-45 years

## PROGRAMME OBJECTIVES AND OUTCOMES

The training is intended to help participants enhance their knowledge and equip them with innovative tools and know-how for designing and implementing appropriate policies, approaches, programmes and interventions for smart and resilient cities. At the end of the programme, participants will be able:

- To understand resilient city development in the context of economic, social, environmental and institutional factors;
- Analyze approaches followed in resilient and smart urban planning and development for countries represented;
- Prepare city planning and management strategies and strengthen the urban governance through a problem solving approach; and
- Examine the role and tasks of urban managers in the context of development of resilient cities
- Share experiences with urban development managers from other countries.

## **PROGRAMME CONTENTS**

The main objective of the programme is to enable the officers who are the decision and policy makers to be aware of the rapidly occurring changes in the urban development sector both in terms of challenges and solutions.

The training programme is planned as a learning workshop where participants will be expected to participate in the teaching and learning process. It is a leadership programme to sensitise the participants about concepts like smart and resilient cities with the aim to prepare a roadmap for developing world class futuristic cities in the context of various Missions launched by the Ministry of Housing and Urban Affairs, Government of India. The programme will include guest lectures, presentation by experts of national and international repute and interactive sessions. The themes of the programme would be explained in multimedia pedagogy and project case studies drawn from national and international fora.

## **TRAINING PROGRAMME TIMINGS**

Three sessions would be hosted each day as per the local time zone and convenience of the participants with prior intimation. The IST(UTC+5:30hrs)for the training programme shall be 12:30pm-5:30pm.

## **LANGUAGE OF THE COURSE**

The course will be conducted in English.

## **DETAILS OF MATERIAL/ LITERATURE TO BE PROVIDED TO PARTICIPANTS**

The reading material shall be shared in advance including Government of India's Operational Guidelines for Urban Missions- PMAY, AMRUT, Smart Cities Mission, SBM; and other relevant study materials.

The programme is run on highly participative lines ensuring maximum involvement of the participants. Each participant is required to make a presentation on his work profile. In this context, selected participants are requested to share relevant data and case studies covering the following:

- Policy papers relating to housing, urban development, urbanisation trends in their respective countries.

## **TECHNICAL PLATFORM**

The sessions shall be delivered on Microsoft Teams/Webex, etc. The participants may access it through Laptop, Desktop, Mac, mobile, iPad and facilities shall include-

- Chat/ Break out Rooms for brainstorming;
- Defined user access control;
- Content / Module Design/ Upload/ Hosting that is compatible with – Ppt, Pdf, Word, Images, You Tube Link, Video, Web Link;
- Mobile/ Laptop/ Desktop connectivity for iOS, Android, Windows.

## **ACCESS**

Access for participants will be easier through the email ids in google/ apps downloaded for the training platforms. The Quiz shall be conducted on Google forms and Concept papers maybe submitted to the email varshapunhani@hudco.org

## **INTERNATIONAL TECHNICAL AND ECONOMIC COOPERATION (ITEC)**

The Indian Technical and Economic Cooperation programme was instituted as a bilateral programme of assistance by the Govt of India in 1964. Over the last several decades, ITEC contributed substantially to capacity building in many parts of the world.. ITEC programmes have attracted thousands of participants from Asia, Africa, Latin America and Central Europe for training in a diverse range of subjects at a number of institutes across the country. Under ITEC, India provides development assistance to 160 developing countries from all over the world.

## **HUDCO's HUMAN SETTLEMENT MANAGEMENT INSTITUTE (ISO 9001: 2015 CERTIFIED)**

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**PROGRAMME SCHEDULE (5<sup>th</sup> December 2021 – 10<sup>th</sup> December 2021)**

<b>Day</b>	<b>Session 1 (12.00-12.30 hrs)</b>	<b>Session 2 (12.30-14.00 hrs)</b>	<b>Session 3 (14.15-16.00 hrs)</b>	<b>Session 4 (16.15-17.30 hrs)</b>
Day 1	<b>Introduction to Smart, Sustainable and Resilient Cities</b>			
	Welcome & Inauguration Course introduction, Inauguration & interaction of CMD with participants	Cities and Urbanisation	Smart, Sustainable and Resilient Cities – An overview	Smart city solutions in service delivery and monitoring
Day 2	<b>Housing &amp; Basic Services</b>			
	<b>Session 1 (12.30-14.00 hrs)</b>	<b>Session 2 (14.15-16.00 hrs)</b>		<b>Session 3 (16.15-17.30 hrs)</b>
	Sustainable and Resilient Social Housing	Provision of Urban Infrastructure Services: Challenges and Approaches (case Study :Water Supply Innovations in Delhi)		Solid Waste Management ; Innovations
Day 3	<b>Transportation, Environmental Management &amp; Disaster Resilience</b>			
	<b>Session 1 (12.30-14.00 hrs)</b>	<b>Session 2 (14.15-16.00 hrs)</b>		<b>Session 3 (16.15-17.30 hrs)</b>
	Green Public transportation Systems	Environmental Degradation: Challenges and Approaches		Urban Resilience & Preparedness for Climate Change With focus on Resilient Infrastructure systems
Day 4	<b>Urban Land, Finance &amp; Governance</b>			
	<b>Session 1 (12.30-14.00 hrs)</b>	<b>Session 2 (14.15-16.00 hrs)</b>		<b>Session 3 (16.15-17.30 hrs)</b>
	Land Assembly Techniques for housing and urban infrastructure provision	Innovations for Providing & Financing Housing and Basic Infrastructure Services		E- governance for Urban Managers
Day 5	<b>Valedictory</b>			
	<b>Session 1 (12.30-14.00 hrs)</b>		<b>Session 2 (14.15-16.00 hrs)</b>	
	Experience Sharing Session		Valedictory Session	