

# **HUDCO's** **Human Settlement Management Institute**

**Training programme  
on  
Zero Waste – Decentralized Solid Waste Management**

**Date: 25<sup>th</sup> – 28<sup>th</sup> November 2019**

**Place: Indore (Madhya Pradesh)**



**VENUE**

**LEMON TREE HOTEL**  
3, R.N.T. Road, Indore 452001, India

# Information for Participants

## **HUDCO – Housing and Urban Development Corporation**

Housing and Urban Development Corporation Ltd. was set up in 1970 by the Government of India to accelerate the pace of housing and urban development in the country. Apart from the financing housing & infrastructure projects in the country, HUDCO offers consultancy services, promotes research and studies and helps in propagating use of local building materials, cost-effective and innovative construction technologies. HUDCO, a Miniratna Central Public Sector Enterprise, under the Ministry of Housing and Urban Affairs (MoHUA), is a listed Public Limited Company.

## **HSMI – Human Settlement Management Institute**

HSMI was established in 1985 as the research and training wing of HUDCO, to provide training support for urban professionals in the areas of housing and urban infrastructure services. It offers a forum for interaction of administrators, professionals, researchers and policy makers to interact on the issues and strategies to deal with practices in human settlement development and management.

HUDCO's HSMI is recognized as a leading research and training institute in the housing and urban development sector and has trained more than 48,500 professionals. HSMI is involved with capacity building both at the regional and national level for more than 30 years. HUDCO's HSMI has been designated as a national resource centre for giving technical inputs in the policies and programmes pertaining to housing and urban development of the Ministry of Housing and Urban Affairs. HUDCO's HSMI also organizes variety of activities like seminar, workshop, and conferences for internal and external professionals. The institute is regularly conducting training programmes across India for functionaries of ULBs, state urban development agencies, housing boards, etc. In addition, the institute has also conducted 40 numbers of customised training programmes for the Ministry of External Affairs, Government of India, under the Indian Technical and Economic Cooperation (ITEC) Plan for administrators and professionals from 162 countries.

## **Background**

India is the second largest country in the world with a population of over 1.21 billion accounting for 17.5 percent of the world population (Census of India, 2011). As per the latest population Census-2011, the urban population grew at a rate of 31.16 percent during the last decade 2001-2011. The increase in population has not only changed the physical size of the cities due to large scale of migration but is also exerting significant additional pressure on the basic services and infrastructure across the Indian cities. Many Indian cities face the serious problem of Solid Waste Management (SWM) due to rapid urbanization and are struggling to find effective responses to improve the living standard of people. Currently, the Indian cities generate over 1,70,000 metric tons i.e. about 62 million tons of municipal solid waste per year. It is assumed that urban India will generate solid waste 2,76,342 tons per day (TDP) by 2021, 4,50,132 tpd by 2031 and 11,95,000 tpd by 2050 (Planning Commission, 2014).

Urban Local Bodies (ULBs) responsible for the solid waste management rarely have sufficient funds, infrastructure and appropriate strategies for the improved SWM. Considering the graveness of the problems, it is imperative to undertake the decentralized solid waste management since the existing centralized system is not suitable for present type of waste and is also not cost effective. It does not allow integration of informal waste workers, community participation, livelihood generation and innovation. The technologies like waste recycling, vermicomposting and small scale bio-gas for this system are very simple, cost effective and

Keeping such challenges in mind, HUDCO's HSMI is organizing three days Training on "Zero Waste – Decentralized Solidwaste Management" from 25<sup>th</sup> November, 2019 (Afternoon) to 28<sup>th</sup> November, 2019 (Forenoon) at Lemon Tree Hotel, Indore, Madhya Pradesh.

## **Technical site visits**

Structured visits to projects and technological options relevant to the programme will be organised to impart practical experience to the participants.

## Programme Objectives

The training programme intends to augment capacity of professionals responsible for management of solid waste in urban India with the following objectives:

- ❖ Sensitizing participants about issues regarding existing traditional solid waste management system.
- ❖ Introducing decentralized solid waste management system to participants.
- ❖ Introducing to various methods and technological aspects of decentralized solid waste management system.
- ❖ Making participants aware regarding project formulation for decentralized solid waste management system.
- ❖ Empowering participants for decentralized solid waste management system through class exercise and field visit.



## Target Group

This Training is targeted at functionaries from National, State and Local Governments; Parastatal Agencies, Development Authorities. The Training will also be of interest to Professional Planners, City Managers, Financial Institutions, Research & Training/Development Organizations; Private Sector; NGOs, practitioners involved in the process and other stakeholders in the urban sector among managers of urban development.



## Programme Content

It is expected that a multidisciplinary professional group from national organizations and agencies, representing the stakeholders involved in the urban solid waste management would attend the seminar. The major themes identified are:

Module I: Introduction, context and suitability of decentralized solid waste management system.

Module II: Methods and technological aspects on decentralized solid waste management system.

Module III: Case study based discussion on decentralized solid waste management system.

Module IV: Project formulation for decentralized solid waste management system.

Module V: Assessment and planning for decentralized solid waste management system

-Class based exercise

## Contact Details

### HSMI office

HUDCO House, Lodhi Road, New Delhi - 110 003

Phone: 011-24308611, 24308640

|Fax: 011-24365292

E: edthsmi2013@gmail.com; cpdhsmi@gmail.com

### Corporate office

HUDCO Bhawan, Core-7-A, India Habitat Centre,

Lodhi Road, New Delhi - 110 003

Phone: 011-24649610-23

Website: <http://www.hudco.org>

## HUDCO Nomination

(Please type or fill in block letters)

### Participant's Name and Designation

- 1.
- 2.
- 3.
- 4.
- 5.

Tel(s) :

Email :

Telex/Fax :

Participant's Correspondence Address

Please indicate Veg./Non. Veg.

Name of Sponsoring Authority

Designation

Organisation's Name &Address :

Signature/date

## Training methods and Faculty

Training methods proposed include lecture/presentations, open discussions, structured group discussions, class based exercise and technical site visit. To deliver training, HSMI will draw in-house resources and technical assistance from retired professionals of Financial institutions and industry experts, etc.

## Fee Details

### FEE DETAILS:

- Rs. 21,500/- (Rupees twenty one thousand and five hundred ) only plus GST including lodging, boarding, reading materials etc. on double sharing basis.
- Rs. 26,500/- (Rupees twenty six thousand and five hundred) only plus GST including lodging, boarding, reading materials etc. on single occupancy basis.
- Rs. 16,500/- (Rupees sixteen thousand and five hundred) only plus GST including reading materials etc. without accommodation.
- Participants bringing their spouse will be required to pay additional charges as per actual for the expenditure for their spouses at the venue.

## How to Apply

Nomination form for registration is appended. This form duly filled in and signed by the sponsoring organization along with NEFT/RTGS/IMPS Transaction No in favour of "HOUSING AND URBAN DEVELOPMENT CORPORATION LTD" payable at New Delhi, may be forwarded to the address given below.

Since the seats are limited for the programme, the participants are requested to deposit the training fees at the time of submission of nomination for the programme before **25<sup>th</sup> October 2019** through electronic mode only as per details given below and the proof of details of the fee paid shall be provided to the HSMI through e-mail. Further, participation fees once paid shall not be refunded/ adjusted under any circumstances, irrespective of the fact, whether the participant(s) attended partly/ not attended the training programme and due to other reasons.

## Bank Details for depositing course fees

HOUSING AND URBAN DEVELOPMENT CORPORATION LTD  
A/c No: 91443050000017,  
IFSC: SYNB0009144,  
Syndicate Bank, New Delhi  
HSMI GSTIN 07AAACH0632A3ZD

## Address to send

Executive Director (T)  
HUDCO's HSMI  
HUDCO House, Lodhi Road, New Delhi - 110 003  
Phone: 011-24308611, 24308640  
E-mail: cpdhsmi@gmail.com