

# IEI Celebrates World Habitat Day

**Theme: Municipal Solid Waste Management**

The World Habitat Day was celebrated by the Institution on October 1, 2018. Brief accounts of celebration as received from various Centres are reported hereunder.

## STATE CENTRES

### Andaman & Nicobar

Mr Avinash Kumar Singh, EE (SWM & Works), PBMC, in his speech, dwelt on the implementation, progress and challenges faced in the management of Municipal Solid Waste. He further stressed upon four basic aspects of Solid Waste Management such as, entrapment, segregation, processing and disposal. Mr Rishikesh, Senior Scientific Officer, DST, Andaman & Nicobar Administration, emphasized on various environmental issues under the Indian Constitution framed to preserve and protect the future generations. Earlier, Mr D Sathyamoorthy, Chairman of the Centre welcomed the august gathering. Mr Johnson Abraham, Honorary Secretary of the Centre proposed the vote of thanks.



### Andhra Pradesh

The speaker, Mr Uday Singh Gautam, Program Manager, Andhra Pradesh Sanitation Project - II, Administrative Staff College of India, Hyderabad, in his address, stated that today Municipal Solid Waste Management is one of the major activities for Urban and Rural bodies. He further explained that how 'Swatch Bharat Mission' has created the large scale of awareness among the common people and also he highlighted that people are becoming quite aware on segregation of waste into dry and wet at household level. Earlier, Dr P Kodanda Rama Rao, Chairman of the Centre presided over the function. Mr G V Srinivasulu, Immediate Past Honorary Secretary of the Centre proposed the vote of thanks.



### Gujarat

The Chief Guest, Mr Bharat S Patel, Council Member of IEI presented a brief introduction of E-Waste generation through used computers, mobiles, TV, CD, electronic items etc. He further elaborated the role of Government on making policy for E-Waste disposal. Mr Sanjay Prajapati, Assistant Professor, Department of Civil Engineering, Narnarayan Shastri Institute of Technology (NSIT), Jetalpur, in his speech, explained in brief about different types of solid waste generated, its processing, recycling, disposal etc. Dr D K Dobarra, former Assistant Professor, WALMI, Anand, stated on 'Agriculture Solid Waste Management' and explained agriculture solid waste produced from crops,



animals, plants, residue etc. and its management and disposal. Earlier, Dr Sanjay Joshi, Principal, NSIT, Jetalpur welcomed the gathering. Mr H U Kalyani, Honorary Secretary of the Centre proposed the vote of thanks.

### Jharkhand



The Chief Guest, Mr Shardendu Narayan, former Engineer in Chief, DW&SD, Govt of Jharkhand, elaborated on various types of wastes generated in the areas of cities. The methods of composting, vermicomposting, biogas etc. were also explained by Mr Narayan for better waste reuse and recycle. The Guest of Honour, Mr S Jaipuria, Joint General Manager, Civil & Architecture, MECON Ltd., Ranchi, elaborated on the challenges of solid waste management considering the Indian perspective. Earlier, Mr Sivanand Roy, former Engineer in Chief, Irrigation Department, Govt. of Jharkhand in his welcome address, emphasized the need for observing the Day as a statutory day of the Centre. Mr M R Kumar, Honorary Secretary of the Centre proposed the vote of thanks.

### Karnataka

The Speaker on the occasion, Mr N S Ramakanth, an expert in Solid Waste Management, in his speech, mentioned that most of the countries in the World are facing the garbage problem and have banned the use of plastics or recycling of plastic materials. He further mentioned that solid waste management should enable generation of Biogas to supplement the power supply. Earlier, Mr Jasmail Singh, Honorary Secretary of the Centre welcomed the gathering and presided over the function.



### Kerala

Mr N Rajkumar, Chairman of the Centre delivered the welcome address and introduced the speaker of the day, Dr R Ajayakumar Varma, Executive Director, Suchitwa Mission. Dr Varma, in his address, stated that solid waste has to be separated as dry waste, metallic & plastic and biodegradable wastes. He concluded with the view that there must be separate container for dry and wet waste collection in the kitchen at home. Mr Udaya Kumar K S, Honorary Secretary of the Centre proposed the vote of thanks at the end of the function.



### Telangana

Mr Kanna Suresh Kumar, Chief Engineer, Greater Hyderabad Municipal Corporation, Hyderabad graced the function as Chief Guest. Speaking on the occasion, he highlighted about the process of Solid Waste Management in GHMC. Further, Mr Kumar said that Greater Hyderabad Municipal Corporation is the best state capital for Solid Waste Management in Swachh Survekshan - 2018. Dr D Hanumantha Chary, Past Chairman of the Centre presided over the meeting. Earlier, Dr G Rameshwar Rao, Honorary Secretary of the Centre welcomed the gathering and Dr G Shravan Kumar, Joint Honorary Secretary of the Centre proposed the vote of thanks.



## Uttar Pradesh



The Chief Guest & Keynote Speaker, Mr A K Gupta, Additional Director, Regional Centre for Urban Environmental Studies, Govt. of India stated that for better management of solid municipal waste, Govt. of India from time to time formulated rules, bye-laws and issued ordinances. He further mentioned that in respect of

collecting of wastes, measures taken by Central Govt. have started giving results and in some states like Chhattisgarh, this work is being done at low cost and generating employment also, through recycling and converting the bio-degradable waste into compost manure. Earlier, Mr V B Singh, Council Member of IEI welcomed the gathering and presided over the function. Mr R K Trivedi, Honorary Secretary of the Centre proposed the vote of thanks.

### LOCAL CENTRES

#### Ahmednagar

Mr Avinash Kulkarni, Chairman of the Centre, in his speech, explained the types of wastes, viz. solid wastes and liquid wastes & classification of wastes according to their properties. He further highlighted that the impact of waste in human health, coastal & marine environment etc. Mr R P Waykar, Honorary Secretary of the Centre proposed the vote of thanks.



#### Anantapuram



Mr P V V S Murthy, Commissioner, Anantapuramu graced the occasion as Chief Guest and highlighted about various developments in the Anantapuram Municipal Corporation has been initiated taking in order to control and reduce the

solid waste management. Mr S A Khader Saheb, Advisor, Swachh Andhra explained about the Solid Waste Management Rules - 2016 by Ministry of Environment, Forest and Climate Change. He further distinguished the solid waste into solid, wet and domestic waste and explained usage of the plastics by reduce, reuse and recycle processes. Earlier, Prof C Sashidhar, Chairman of the Centre welcomed the august gathering. Prof M L S Deva Kumar, Honorary Secretary of the Centre proposed the vote of thanks.

#### Anpara

Mr Surendra Prasad, General Manager, BHEL, Anpara graced the occasion as Chief Guest. Mr Prasad in his address mentioned that engineers should give due importance to the urban and rural population while planning for future projects of habitat development. Mr R P Saxena, General Manager, ATPS, Anpara and Mr Deepak Kumar, General Manager, ATPS, Anpara graced the occasion as Guests of Honour. Earlier, Mr U C Mishra, Chairman of the Centre welcomed the august gathering. Mr Mukesh Kumar Singh, Honorary Secretary of the Centre proposed the vote of thanks.



## Bareilly



The Guest of Honour, Mr S C Sundrani, Past Chairman of the Centre expressed that the new city of Abuja provided an opportunity to avoid some of the environmental problems associated with other major cities in Africa. He further

stated that the existing solid waste management system is affected by unfavourable economic, institutional, legislative, technical & operational constraints and a reliable waste collection service is needed and waste collection vehicles need to be appropriate to local conditions. Dr Anil Kumar, Director, RMIT, Bareilly explained the framework of municipal solid waste management system. Earlier, Mr Subhash Mehra, Chairman of the Centre welcomed the gathering. Dr Pankaj Sharma, Honorary Secretary of the Centre proposed the vote of thanks.

## Belapur

Mr Prakash Shrivasta, Dip Industrial Engineering & Management graced the occasion as Keynote Speaker. In his address, Mr Shrivasta enlightened the audience about Municipal Solid Waste Management with real examples. Earlier, Mr V C Kamble, Past Chairman of the Centre welcomed the august gathering. Mr S P Singh, Honorary Secretary of the Centre proposed the vote of thanks at the end of the programme.



## Bokaro Steel City



Mr A C Goyal, Chairman of the Centre welcomed all the guests and dignitaries. Mr C P Sahay, Former Deputy General Manager, SAIL-BSL deliberated on different aspects of the theme. Mr N P Srivastava, Head of Environment Department, SAIL-

Bokaro Steel Plant presented briefed the aspects of municipal solid waste management through 3R's viz. Reduce, Recycle and Reuse. Mr Y N Singh, Honorary Secretary of the Centre proposed the vote of thanks.

## Coimbatore

Mr K V Thirumal, Nodal Officer, Swachh Bharat Mission, Coimbatore City Municipal Corporation, graced the occasion as Chief Guest and delivered lecture on the theme. Earlier, Mr P R Natarajan, Chairman of the Centre welcomed the gathering and presided over the meeting. Dr G K Govindaraj, Committee Member of the Centre proposed the vote of thanks.



## Dhanbad

Mr Ram Udgar Mahato, Former General Manager, Jharkhand State Electricity Board graced the function as Chief Guest. Prof R K Srivastava, Former Head & Professor, Production Engineering Department, BIT, Sindri delivered lecture on the theme. Mr S Ratnaker, Joint Honorary Secretary of the Centre introduced the theme.



The function ended with the vote of thanks proposed by Dr K K Singh, Honorary Secretary of the Centre.

## Dharwad



The Chief Guest, Prof S G Joshi, Civil Engineering Department, SDM College of Engineering & Technology, Dharwad opined that solid waste management strategy is to go hand-in-hand with the design and development of Metro cities. He further highlighted the importance

of the day with respect to shelter and the connected issues like energy, water and safety in the current scenario. Further, he mentioned the solutions of safe and scientific disposal of solid waste by Bio-culture and Bio-mining to reduce the burden on the corporations and corresponding increase in expenditure. Earlier, Dr S S Kerur welcomed the gathering. In his address, Mr S M V Narayan, Chairman of the Centre stated that proper measures to be introduced to manage large solid waste generated daily for disposal and also to control the waste generation. Mr Sanjay Kabbur proposed the vote of thanks.

## Kanpur

Prof D P Mishra, Chairman of the Centre welcomed the gathering and briefed that modern man is producing large amount of waste materials being embroiled in the virtual notion of money-managed development which is leading us to the ocean of destruction and demise. He elaborated on the fact that the modern people are talking about sustainable production and consumption of materials as western people are coining these slogans but not adhering to the basic principle of producing less and consuming least. Mr Vivek Asthana, Honorary Secretary of the Centre proposed the vote of thanks at the end of the programme.



## Kanyakumari

Mr G Sivasubramanian, former Chief Engineer, Tamilnadu Electricity Board, in his Keynote address, stated that the World Habitat Day is observed to remind people, the necessity to maintain eco balance and the maintenance of eco balance is absolutely essential for the survival of our planet. Dr S Arumuga Perumal, Head, St. Hindu college,



Nagercoil presided over the function and explained the goals to be achieved to promote sustainable urban development policies, which ensure adequate shelter for all. Mr V Sivathanupillai, Honorary Secretary of the Centre proposed the vote of thanks at the end of the programme.

## Kollam

The speaker, Prof Subhash Varma, Department of Architecture, TKM College, Kollam explained about the importance of solid waste, which has been a major factor in recent flood at Kerala. Earlier, Dr Gowri Antharjanam, Head, Department of Civil Engineering, in her welcome address stated the importance of observing the Day and expressed her expectation from young engineers for the better future. Dr S Suresh Babu, Principal, SBCE, in his address, expressed his concern over the increasing amount of wastes in urban and rural area. Dr E K Bhas, PG Dean, Department of Civil Engineering, SBCE proposed the vote of thanks.



## Ludhiana



Mr S Charanjit Singh Channi, Chancellor, CT University graced the occasion as Chief Guest. Mr Channi, in his speech, narrated that with the world of technology rapidly changing and the students need to be more innovative to find solutions to the problems around

them. Earlier, Brig Mastinder Singh, Chairman of the Centre welcomed the gathering and discussed about observing various statutory days. Dr G S Kalra, Campus Director, CT Institutes proposed the vote of thanks at the end of the programme.

## Mangalore

The Chief Guest, Dr Sunil B Malegola, Associate Professor, Department of Civil Engineering, NITK Suratkal and Honorary Secretary of the Centre, in his address stated that modern sustainable philosophy is to be followed to prevent pollution of soil and water by minimizing waste disposal, to recycle materials and reuse industrial by products. 'Trends in consumption and production, manufacturing product cycles, public attitude, good municipal governance systems, capacity of city managers and innovative financing solutions are all part of good solid waste management and all waste producers are to be stakeholders in protecting the water and soil', he added. Earlier, Dr S Shrihari introduced the Chief Guest. Prof (Dr) K Panduranga Vittal, Chairman of the Centre presided over the function. Prof G R Rai, and Mr Diwakar Shetty were also present on the occasion.



## Meerut



Prof Jaimala, Director, SRIET, Meerut graced the occasion as Chief Guest and expressed her views. The Keynote Speaker, Mr R P Verma, former Chief Engineer, Urban Development said that the vibrancy of any city depends on

the health of the citizens. Good environment and good water quality are governed by management of solid waste. Ms Somi Tandon, IDAS, Former Secretary, Defence Finance, Govt. of India explained in details the various types of solid wastes and suggested the ways to dispose the same. Earlier, Mr S C Govil, Chairman of the Centre welcomed the guests and dignitaries. Mr Rajneesh Kumar, Honorary Secretary of the Centre proposed the vote of thanks.

## Munirabad

The Guest Speaker, Ms Manjula, Executive Engineer – Design, TBP Munirabad, in her address, explained about the origin and relationship of human society and the nature. She further narrated about the importance and existence of habitation. Mr T H M Somashekhar, Former Chairman of the Centre delivered the welcome address. Mr Palaksha Goud, Former Chairman of the Centre proposed the vote of thanks.

## Mysore

The Keynote speaker, Ms Mythri, Zonal Environmental Engineer, Mysore City Corporation, Mysuru, deliberating on the theme, explained how Mysore City Corporation managing waste segregation and storage at source. She also deliberated on various advantage of segregating waste. Earlier, Mr



M Chinnaswamy, Chairman of the Centre welcomed the gathering. Mr Dinesh Kumar D K, Convener of the event introduced the speaker. Mr B V Ravindranath, Honorary Secretary of the Centre proposed the vote of thanks.

### North Bengal

Mr Santanu Das, Honorary Secretary of the Centre, in his address, suggested different ideas about the theme. He explained that the composition of municipal solid waste varies greatly from municipality to municipality and it changes significantly with time.

### Palghat



The Guest Speaker, Mr Krishnan M N, Environmental Engineer, Kerala State Pollution Control Board, Palakkad pointed out that Municipal Solid Waste Management has emerged as one of the toughest challenges for engineers in the

modern world. Earlier, Mr A Kesavan, Chairman of the Centre presided over the function. The programme concluded with the vote of thanks proposed by Mr K Unnikrishan, Joint Honorary Secretary of the Centre.

### Rourkela

The Speaker on the occasion, Prof P Balasubramanyan, Department of Biotechnology and Medical Engineering, NIT Rourkela, in his speech, deliberated on the issues and challenges, categorization of waste, 3R approach and principles of sustainable and integrated MSWM. He further enumerated the categories of solid wastes and suggested 3R Approach i.e. Reduce, Reuse and Recycle for MSWM. Prof S K Sahu, Honorary Secretary of the Centre proposed the vote of thanks at the end of the function.



### Saurashtra

Prof Sneha Gautam, Head, Department of Environment Science & Engineering, Marwadi University, Rajkot, speaking on the theme, talked about three types of solid waste viz. bio-medical waste, food waste and E-waste. He further urged to reuse, refuse and recycle the solid waste so that environment is not damaged. Earlier, Prof C H Vithalani, Principal-In-Charge, Govt. Engineering College, Rajkot and Mr Navin R Kalaria, Honorary Secretary of the Centre welcomed the august gathering. Prof Asha Joshi, Head, Civil Engineering Department proposed the vote of thanks.



### South Gujarat

Dr P H Tandel, Chairman of the Centre welcomed the guests and dignitaries present on the occasion. The speaker on the occasion, Dr Anant Parghi, Assistant Professor, SVNIT, in his speech, reminded the vision of the father of nation, Mahatma Gandhi on Clean India Mission and expressed that all have the responsibility to shape the future of the cities and towns towards the clean India Mission.



### Sunabeda

The Chief Guest, Mr Rama Chandra Sahoo, Past Chairman of the Centre, in his speech, emphasized on the purpose of the Day. The Chief Speaker on the occasion, Mr Sunil Kumar Biswal, Energy Auditor, Govt. of Odisha mentioned that the basic human right is adequate shelter. He further suggested that the responsibility of citizen is to take collective decision and responsibility to shape the future of our cities & towns. Mr G P Dash, Honorary Secretary of the Centre focused on promoting implementation of concrete initiatives to control waste management in urban & village areas. He also proposed the vote of thanks at the end of the programme.



### Tiruchirappalli



Prof S T Ramesh, Department of Civil Engineering, NIT Tiruchirappalli, graced the occasion as Guest Speaker. Dr Ramesh, in his speech, narrated that the collecting, treating, and disposing of solid material that is discarded because it has served its purpose or is no longer useful. Mr

R Selvaraj and Mr S Lakshmanan, Chairman and Honorary Secretary of the Centre respectively also graced the occasion with their august presence.

### Upper Assam

The Chief Guest, Prof Vivek Shyam Pangyok, SDO (Civil), Bokakhat Subdivision illustrated about the quantity of daily production of garbage by an average people and the bad impact of the waste materials on the environment. The Guest-of-Honour, Ms Manashi Phukon, Vice-Principal, JDSG College, Bokakhat also addressed the gathering and highlighted the impact on waste in day to day life. Mr Jitu Sarmah Rajkhowa, other Guest-of-Honour of the occasion, expressed his opinion about the daily uses of plastic and its impacts on the earth. Prof Gopikananda Saikia, JDSG College, Bokakhat was also present as Guest-of-Honour and elaborated on the solid waste management and its role in the environment. The Keynote speaker, Dr Pradip Sharma, former Associate Professor, Department of Geography, Cotton University narrated at length about the introduction on wetlands and presented statistical data about the number of wetlands of Assam and their present position. Earlier, Mr Amitava Dasgupta, Chairman of the Centre welcomed the gathering. Dr Bijoy Sarmah, Head of Department of History, JDSG College, Bokakhat proposed the vote of thanks.

