



Five Day Residential Training Programme on
“Integrated Waste Management- Municipal Waste, Plastic Waste, Bio-Medical Waste, Bio-Composting, Landfill Gas Management & Control and Waste to Energy & Field Visit”

DATES: 9th October to 13th October, 2017

VENUE: The School of Ancient Wisdom, Devanahalli, Bengaluru

Organized by

International Institute of Waste Management (IIWM)

Sponsored by

**Environmental Training Unit, Central Pollution Control Board
(Ministry of Environment, Forests and Climate Change, GOI)**



Overall Objective:

- To understand the legal perspective of Solid Waste Management Rules, 2016
- To gain in-depth knowledge and technical details of Waste to Energy and management of Solid Wastes
- To identify the environmental impact of Solid Wastes
- Resource efficiency and resource recovery aspects of Solid Wastes
- To draw up an action plan to ensure effective waste management

Expected outcome:

At the end of the training program it is expected that the participants:

- Are aware of the latest amendments made under the EP Act
- Attain knowledge on effective management and reporting of solid wastes and landfill gas management and control within the framework of environment management and resource efficiency
- Gain valuable insights and technical know-how on treatment and disposal technologies w.r.t. integrated wastes
- Are able to design and develop action plans and checklists to ensure effective management of solid waste, biomedical waste. Thus assisting in consent guidelines formulation, policy changes and development of environment monitoring framework

Target Group:

The workshop is intended for government officials working with the Pollution Control Boards/Committees, Department of Environment, Environmental Laboratories recognized under EPA, R&D/Training Institutes, NGO's, Universities, EHS executives from Industries etc.



TENTATIVE PROGRAM SCHEDULE – 9th October to 13th October, 2017

| Day No./ Date | Time | PROGRAMME | NAME OF FACULTY* |
|--|---|---|--|
| 1 | 2 | 3 | 4 |
| Day 1- 9th October , 2017 | | Inaugural Session | |
| | | Welcome address and Agenda Setting by Ms. P. Bineesha, Executive Director, IIWM | |
| | 10.00 hrs to 10.45 hrs | Address by Guest of Honour, Mr. Sarfaraz Khan, Joint Commissioner, Bruhat Bengaluru Mahanagara Palike | |
| | | Inaugural Speech by Chief Guest, Mr. Ramachandra, I.F.S., Secretary to Government, Department of Environment and Ecology | |
| | | Mr. T. K. Anil Kumar, I.A.S., Secretary to Government, Urban Development Department | |
| | | Vote of Thanks | |
| | 10.45 hrs to 11.00 hrs | Tea Break | |
| | 11.00 hrs to 12.30 hrs | Session on Solid Waste Management Rules, 2016 | Mr. M D N Simha, Retired CEO, KSPCB |
| 12.30 hrs to 13.30 hrs | Discussion | | |
| 13.30 hrs to 14.30 hrs | Lunch Break | | |
| 14.30 hrs to 15.30 hrs | Panel Discussion- Challenges in the SWM Sector (technical and administrative aspects) | | |
| 15.30 hrs to 16.00 hrs | Tea Break | | |
| 16.00 hrs to 17.00 hrs | Plastic Waste Rules , 2016 | Mr. Kumaraswamy, CEO, Karnataka State Pollution Control Board | |
| Day 2- 10th October , 2017 | 09.30 hrs to 11.30 hrs | Waste to Energy Scope in India | Mr. Pravinjith K P, Managing Director , Paradigm Strategies Pvt. Ltd. |
| | 11.30 hrs to 11.45 hrs | Tea Break | |



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| | 11:45 hrs to 13:00 hrs | Economics of Waste to Energy Plants | Mr. Pravinjith K P, Managing Director , Paradigm Strategies Pvt. Ltd. |
| | 13.00 hrs to 14.00 hrs | Lunch | |
| | 14.00 hrs to 17.00 hrs | Field visit at Sunrays Composts, Magadi Road | |
| Day 3- 11th October, 2017 | 09:30 hrs to 11:00 hrs | Session on Biomedical Waste Management Rules, 2016 | Ms. P. Bineesha, Executive Director, IIWM |
| | 11.00 hrs to 11.15 hrs | Tea break | |
| | 11.15 hrs to 12.30 hrs | Establishing Compost Supply Chains and Economics of Bio-composting | Mr. Pravinjith K P, Managing Director , Paradigm Strategies Pvt. Ltd. |
| | 12.30 hrs to 14.00 hrs | Lunch | |
| | 14.00 hrs to 16.00 hrs | Monitoring of Landfill Gas- Site Selection, Sampling and Monitoring of Landfill Gases | Mr. Pravinjith K P, Managing Director , Paradigm Strategies Pvt. Ltd. |
| | 16.00 hrs to 17.00 hrs | Discussion | |
| Day 4- 12th October, 2017 | 8.30 hrs to 13.30 hrs | Field visit at Doddabidrikal Landfill, Yelahanka, Bengaluru | |
| Day 5 – 13th October, 2017 | 08.00 hrs to 13.00 hrs | Field Visit at Medicare, Dabbaspete | |
| | 13.00 hrs to 14.00 hrs | Travel back to the venue | |
| | 14.00 hrs to 15.00 hrs | Lunch | |
| | 15.00 hrs to 17.00 hrs | Valedictory Presided by Hon’ble Justice (Retd.)N. Kumar and Ms. Almitra Patel, Member, Supreme Court Committee for Solid Waste Management | |



ABOUT INTERNATIONAL INSTITUTE OF WASTE MANAGEMENT

The International Institute of Waste Management (IIWM) is a “Not-for-Profit” organisation. It was established in India in the year 2009, as a Ministry of Science and Technology Project at Bhopal. This successful project then evolved into a full-fledged organisation to support the Government in creating an impetus in the field of Waste Management activities.

IIWM works towards bridging the gap between the Governmental programmes, schemes, legislations and the ‘on field execution’ by implementing agencies. Activities like undertaking evaluations, conceptualising new and innovative projects, implementing pilot projects, designing capacity building programmes, undertaking training programmes for all stakeholders, facilitating exchange of ideas between developed and developing countries, providing feedbacks to the Government on its schemes and programmes, creating new policies etc., are the areas IIWM works. It has its head office at Bengaluru, Karnataka and branch offices at Bhopal, Madhya Pradesh and presence in New Delhi.

IIWM, through its relentless functioning for the past seven years, has earned the credential of supporting the Government of India in achieving its developmental goals with respect to Sustainable Development with a special focus on waste management and has been working with several line ministries. The institute currently is affiliated and/or supported by the Scientific and Industrial Research Organization (SIRO), Ministry of Science and Technology, The Central Pollution Control Board (CPCB) and is supported by several State Pollution Control Boards. IIWM is empanelled as a National Key Resource Centre by the Ministry of Drinking Water and Sanitation, the Govt. of India. IIWM is also the extension agency for the Council for Science and Industrial Research (CSIR), the premium science research institute of India.

For its International exposure and linkages, IIWM partners with several International agencies. It is empanelled with the United National Development Programme (UNDP), the German Agency for Development, GIZ, and others. It has a working relationship with Latin American Caribbean Federation of India (LACFI).