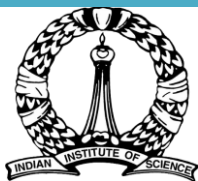


MSWM 2016

Conference on Municipal Solid Waste Management



Dates: 23-24th February 2016

Venue: CCE Lecture Hall

[behind J R D Tata Memorial Library, Next to IISc Students' Hostel
Office & NESARA Restaurant]



Organised Jointly by

Energy and Wetlands Research Group (EWRG), CES,

Indian Institute of Science (IISc);

Students for Development (SFD);

Karnataka Environment Research Foundation (KERF)



॥ सर्वेपि सुखिनः सन्तु ॥
Students for Development

Municipal solid waste comprises of wastes generated from residences, markets, hotels and restaurants, commercial premises, slums, street sweeping and parks. Bangalore residences contribute 55% of total of wastes, which is highest among all sources. Bangalore city generates around 3000-4000 tons of waste. A major fraction (72%) of total waste is organic or wet waste, which degrades in natural environment. Mismanagement of waste has led to contamination of land, water, etc. apart from emissions of GHG's. Treatment and environmentally sound management of solid waste have posed serious challenges to the local administration. Municipal Solid Waste Management (MSWM) 2000, GoI emphasise the need for waste segregation and storage at source, primary collection, secondary storage, transportation, secondary segregation, resource recovery, processing, treatment, and final disposal of inert material. In this context a stringent regulatory framework for the treatment and management of solid waste through scientific insights is crucial for sustainable development. In this regard, MSWM 2016 would focus on dialogue among various stakeholders to evolve appropriate strategies to minimise mismanagement of waste and resource recovery. The conference at IISc during 23-24th February 2016 would provide a platform for all stakeholders including youth from academic institutions, city municipal authorities and planners, media, academia, industry, NGO's, representatives from urban local bodies and residents to deliberate on various issues related to sustainable waste management practices. Themes of the conference are:

Themes

- MSW Management: current approaches, gaps and solutions;
- Mismanagement of solid waste, climate change;
- Waste collection, segregation and characterization;
- Reduce, Reuse, Refuse, Recycle, Remediation concepts implementation strategies;
- Sustainable solid waste management practices – Local perspectives;
- Innovative strategies for waste separation, recycling and recovery;
- Sustainable waste utilization & recycling methods;
- Bioenergy and bio-products from waste (anaerobic digestion, biofuels, etc.);
- Biomass production from waste & carbon sequestration (composting, biochar, etc);
- Economic instruments and financing methods for waste management;
- Electronic waste management, treatment and pollution abatement;
- Environmental education for waste management;
- Landfill management & leachate treatment;
- Life cycle assessment of waste management practices;
- Swaccha Bharath / Clean India programmes
- Visions for SMART INDIA with SMART CITIZENS

Students, research scholars and other stakeholders from local and overseas institutes, NGO's, professionals in waste management business, consultants, government officials and policy makers are welcome to attend the event and shoulder the responsibility towards keeping clean neighbourhood. **Delegates interested in participating MSWM 2016 - Conference on Municipal Solid Waste Management**, need to submit the duly filled in registration form either electronically (e mail: mswm2016@gmail.com; mail2sfd@gmail.com) or to the postal address (at the end of registration form).

Conference on Municipal Solid Waste Management 23-24th February 2016

Dates	Time	Session
23-02-2016 TUESDAY	8.30 am	Registration
	9.00 am – 10 am	Inauguration
	10.00 am – 10.30 am	Tea & Snacks
	10.30 am – 11.45 am	Technical Session 1: Expert Talk
	11.45 am – 12.30 am	Interactive Session with Young Researchers
	12.30 pm – 1.30 pm	Lunch
	1.30 pm – 3.00 pm	Technical Session 2: Expert Talk
	3.00 pm – 4.00 pm	Presentation by Future Decision Makers: Youth
	4.00 pm - 4.30 pm	Tea Break
4.30 pm – 5.30 pm	Poster Session	
24-02-2016 Wednesday	Time	Topic
	9.00 am – 10 am	Interaction with Stakeholders from the Government: BBMP, BDA....
	10.00 am – 10.30 am	Tea & Snacks
	10.30 am – 12.30 pm	Interaction with the representatives of NGO's, RWA's
	12.30 pm – 1.30 pm	LUNCH Break
	1.30 pm – 4.00 pm	Brain Storming Session (Present status /Gaps/ Solutions - Waste to Wealth)
	4.00 pm - 4.30 pm	Tea Break
4.30 pm – 5.30 pm	Valedictory Session	

Call for Contributions: Youth and interested stakeholders are welcome to take part in the event. Required to register for the event by submitting duly filled in application. The conference core committee welcome the high quality research contributions through e-posters from student community describing original, conceptual, constructive, empirical, experimental, or theoretical work in all areas of Solid Waste Management. The conference solicits contributions of models, designs, e-posters or scientific papers that address themes and topics of the conference. Special awards will be given to the chosen students/researchers for best presentation of technical papers and posters.

Registration Fee:

- The committee has decided fee waiver for youth (students' from academic institutions) taking active part in the event (through poster/ paper presentations, model, etc.).
- Students (unable to present papers / posters/ etc.) seeking waiver of registration fee are required to send a request along with the write-up (Management of solid waste: role of stakeholders in keeping the city clean)
- All other delegates (industry, government agencies, and representatives from NGO's /RWA's) are required to pay registration fee of Rs. 2000. Required to pay by demand draft drawn in favour of "Indian Institute of Science" payable at Bangalore.

Call for Scientific Papers: Delegates interested in presenting papers as oral or poster need to submit the scientific paper as per the guidelines given below.

- Guidelines for Paper Preparation: The full text paper (e-version preferably in a CD and one hard copy) formatted to A4 (210 mm x 297 mm) size, after having been scrutinized and accepted, will be printed as received, by offset process. Therefore, the text of the paper in English must confirm strictly to the following requirements and be free from errors.
- Guidelines for Poster presentation: **Size of the poster: A0 (36 x 48 inches)**

AWARDS: Authors of best poster/presentation (students from academic institutions) chosen by the review committee will be given **IISc-SFD-KERF: Swachh Bharath Prabari**

Organisers

	<p>Energy & Wetlands Research Group, CES, Indian Institute of Science, Bengaluru (http://ces.iisc.ernet.in/energy)</p> <p>The Energy and Wetlands Research Group at the Centre for Ecological Sciences (CES), is actively involved in studies and training on issues related to environment, water resources, energy, ecology, wetlands, geographic information systems, environmental impact assessment and natural resource management.</p>
	<p>Indian Institute of Science (http://www.iisc.ernet.in)</p> <p>The Indian Institute of Science (IISc) was founded in 1909 as a result of the joint efforts of Jamsetji Nusserwanji Tata, the Government of India, and the Maharaja of Mysore. In 1886, Jamsetji Tata conceived of a university of science that will work for the benefit of India, and in 1898 created an endowment for establishing such an institution. Over the 105 years since its establishment, IISc has become the premier institute for advanced scientific and technological research and education in India. Beginning with 2 departments and 21 students in 1911, today IISc has 39 departments, units, or centres, 3500 students, and about 500 academic and scientific staff, supported by 600 administrative personnel. Out of this population of students, about 2200 are in various PhD programs, almost 900 are enrolled for various Masters degrees, whereas about 400 are registered in the newly established, research oriented, four-year Bachelor of Science (Research) programme, of which the first batch will graduate in 2015.</p>
	<p>Students for Development, Bengaluru</p> <p>Students for Development (SFD) initiated in 1990 to promote the need for sustainable development in its right form. Not just the environmental issues such as water conservation and management, plastic recycling, ban on plastic usage, forest conservation, etc. but also the issues related to the development in holistic sense that are concerned with the cultural, economic and physical (materialistic) development of person, society, nation and mankind are also dealt with so that the meaning of 'Development' is understood by the people in its right spirit. Then the question arises what is 'Development'? How to understand the right meaning of 'Development'? SFD is initiated to make understand, promote and disseminate the right concept of 'Development' to all people in General and students in specific.</p>
	<p>Karnataka Environment Research Foundation (KERF)</p> <p>The Karnataka Environment Research Foundation (KERF), a non-profit and non - government organisation, was founded to raise public awareness concerning the seriousness of the environmental problems in Karnataka. The founder of KERF, Dr.C.Rajasekara Murthy, is a Canadian Environmental Scientist of International repute, and a native of Bangalore. He took special interest and initiative in establishing KERF with the help of committed group of engineers and scientists from Karnataka. The Objectives and activities of the Foundation have been focused towards developing scientific, technological and practical solutions to environmental problems, and also towards developing a long term plan of action in collaboration with the Government of Karnataka and its agencies responsible for environmental protection.</p>
<p>Supported by:</p>	<p>World Organisation of Students & Youth</p>

MSWM 2016: Core Committee

MSWM 2016 communication: m2016@gmail.com; mail2sfd@gmail.com

<p>Dr. T.V.Ramachandra 080-22933099 cestvr@ces.iisc.ernet.in</p>	<p>Dr. C. Rajasekara Murthy [08022933500] dakshamurthy@hotmail.com</p>
<p>Dr. Durga Madhab Mahapatra, +91 9986080801, durgamadhab@ces.iisc.ernet.in</p>	<p>Mr. Prem - +91 9986255589 prem444aa@gmail.com</p>

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Conference on Municipal Solid Waste Management

Conference E mail: mswm2016@gmail.com; mail2sfd@gmail.com

REGISTRATION

1. Name _____	Stamp size photograph
2. Designation _____ Mobile _____	
3. Address _____	

4. Telephone/Fax Nos. _____

5. E.Mail _____

6. Presenting Poster Yes / No Title _____

7. Presenting Paper Yes / No

8. Title of the paper

Enclosed: Abstract / Paper (e –version and hard copy):

(Please ensure CD is virus free)

9. Details of Registration fee: Category: Youth from an academic institution _____

(Need to attach a copy of Academic Organisation – ID card, proof of studentship)

Representative from NGO _____

Delegates: Registration fee Rs 2000, Details of Demand draft:

Date: _____

Date: _____ Place: _____

I agree to attend all sessions and take active part in the interactive sessions

Signature

Date

Contact Details:

<p>Dr. T.V. Ramachandra, Energy & Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560 012, India. Tel: 91-080- 22933099 / 2293503</p> <p>Fax: 91-080- 23601428 / 23600683/ 23600085 [CES-TVVR] E mail: cestvr@ces.iisc.ernet.in, energy@ces.iisc.ernet.in, mswm2016@gmail.com Web: http://ces.iisc.ernet.in/energy, http://ces.iisc.ernet.in/biodiversity</p>	<p>Student for Development (SFD) #55 1st Main Road Sheshadripuram, Bengaluru-20 Mr. Prem, Mobile-9986255589 Telefax -08026633456 Email – mail2sfd@gmail.com Web – www.sfdindia.org E mail: prem444aa@gmail.com</p>
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