



## 5<sup>th</sup> IconSWM 2015 Program November 24 -27, 2015 at IISc Bangalore

Organisers

**Indian Institute of Bangalore, CiSTUP and KSCST  
Jadavpur University, CQMS**



**ISWMAW**

**Under the aegis of : International Society of Waste Management, Air and Water (ISWMAW)**

Time	<b>Pre Conference Day, 24.11.2015</b>
09.30 – 18.00	<b>Registration of delegates at the conference Venue</b>
10.45 - 16.00	<p style="text-align: center;"><b>Training Workshop Training Workshop in Hall B, &amp; Hall C</b></p> <p><b>Hall B : Energy Conversion from MSW &amp; Biomass and Composting ( Clubbed together)</b>  <b>Faculties :</b> Dr. Gert Morscheck, University of Rostock, Germany, Dr. H. N. Chanakya, IISc, Bangalore, Mr. V. Jagannatha, ISRO, Mr. Y.B. Ramakrishna, MP&amp;NG, GOI.</p> <p><b>Hall C : E-waste and C&amp;D Waste Management</b>  <b>Faculties :</b> Mr. S.E. Sapuay, Env. Specialist, Philippines, Prof. M. M. K. Fouad, <i>Cairo University</i>, Dr. S. N. Ullas, IISc, Bangalore, Mr. B. Debnath &amp; Prof. S. K. Ghosh, Jadavpur University</p> <p><b>Those who are interested may register to attend the training workshop at the earliest to : <a href="mailto:conference.iconswm@gmail.com">conference.iconswm@gmail.com</a></b></p>
14.30	<b>Meeting of the core committee in the Seminar Hall B</b>
18.00	<b>Meeting of the international scientific committee in the Seminar Hall B (Members of International Scientific Committee will join)</b>
	<b>Conference and Exhibition : November 25-27, 2015 at IISc Bangalore – DAY 1, 25<sup>th</sup> November 2015</b>
08.30 – 17.00	<b>Registration of delegates at the conference Venue</b>
10:30 -12:15	<b>Inauguration Program of the Conference and the exhibition, 5<sup>TH</sup> IconSWM 2015</b>
10.30	Inviting the dignitaries on the dias
10.35	Prayer
10.38	Lighting the lamp
10.45	Welcome Address by Mr. Y. B. Ramakrishna, Chairman for Working Group on Biofuels, MoPNG, GOI
10.55	IconSWM movement and theme of the 5 <sup>th</sup> IconSWM 2015 by Prof. S.K. Ghosh, Professor Jadavpur University & President, ISWMAW.
11.05	Inaugural Speech by Dr. V. K. Saraswat, Hon'ble Member, NITI Ayog, Govt. of India and release of the IconSWM 2015 Proceedings
11.20	Key note speech by the Chief Guest, Ms. Varsha Joshi, IAS, Joint Secretary, Ministry of New and Renewable Energy, Govt. of India
11.40	Speech by the Guest of Honour, Commissioner, Mr. Kumar Naik, IAS, BBMP
11.50	Presidential Speech by Prof. Jayant Modak, Deputy Director, IISc, Bangalore
12.00	Vote of Thanks by H. N. Chanakya, Chairman, Centre for Sustainable Technology, IISc Bangalore.
12.05	National anthem

12.15	Inauguration of the exhibition by the Ms. Varsha Joshi, IAS, Joint Secretary, MNRE, Government of India and other dignitaries.					
12:15-12:30	Tea / Coffee Break & Networking					
<b>Plenary Session 1, 25.11.2015</b>						
12:30 - 13:10	Chair : Prof Sadhan K Ghosh, Chair, IconSWM & President, ISWMAW, Professor, Jadavpur University Co-Chair : Prof. J. M. Chandra Kishen , Chair, IconSWM 2015 , Professor, IISc, Bangalore					
12:30 - 12:50	<b>Waste management in Germany – Development to a sustainable circular economy ? – M. Nelles</b> , University of Rostock, Department of Waste Management and Material Flow, Germany					
12:50 - 13:10	<b>Updraft gasification of waste and produced syngas treatment – Michael R. Beltran, Murat Dogru, Swapan Mitra and Eon Sang Park</b> , Beltran Technologies, Inc, New York, USA					
13.10-14:10	<b>Lunch &amp; Networking</b>					
<b>1<sup>st</sup> Parallel Break out Technical Sessions Day 1, 25.11.2015</b>						
14:10 – 15:40	TS1 <b>Hall A</b>	TS2 <b>Hall B</b>	TS3 <b>Hall C</b>	TS4 <b>Hall D</b>	TS5 <b>Hall E</b>	TS 6 <b>Hall F</b>
	<b>Country Specific Waste Management</b>	<b>Industrial Waste Management</b>	<b>Biogas Production and Anaerobic Digestion</b>	<b>Waste to Energy</b>	<b>Landfill Management</b>	<b>Policies and Strategies</b>
	Hall Manager : Prof. Pavel Albores Ms. Aryama RoyChaudhury	Hall Manager: Dr. Konstantino Petridis Dr. Payel Ghosh	Hall Manager : Mr Tapas Ghatak Prof. Debasish Roy	Hall Manager: Dr Vasanthy Muthunayanan, Ms. Karthika Arumugam	Hall Manager: Dr. Sutripta Sarkar Mr. Rahul Baidya	Hall Manager: Dr. Smarajit Roy Dr. M. Lokeswari
	Chair: Prof. M. Nelles Co-Chair :Dr. Ms. Y. Y. Lai	Chair : Prof. Agamuthu P. Co- Chair : Mr. K.P. Balaraman, ONGC	<b>Chair:</b> Dr.HN Chanakya, <b>Co-chair:</b> Dr. V. K. Vijay	Chair: Prof. M Al-Sarawi Co- Chair: Prof. Amit Ghosh	Chair :Prof. G. L. S. Babu Co- Chair: Asit Aich,	Chair: Prof. P. P. AnilKumar Co- Chair : Prof. V. Jagannatha
14:10 – 14:25	<b>Trash to Treasure: A New Zealand Perspective on Solid Waste Management</b> A.K. Sarmah, O. Das Auckland, New Zealand	<b>Solid WASTE Sand re-use from Swedish Metal Casting</b> R. Carlsson, P. Nayström Jönköping, Sweden	<b>Study on Biogas Production of Joint Anaerobic Digestion with Excess Sludge and Kitchen Waste</b> Wen-biao Han, Yu-zhu Zhao, Hao Chen, Inner Mongolia, China	<b>Analysing efficiency of Waste to Energy Systems: Using Data Envelopment Analysis in Municipal Solid Waste Management</b> P. Albores, K. Petridis, P.K. Dey	<b>Opportunities &amp; Challenges in capturing Landfill Gas from an Active and un-scientificly managed Land Fill site – A Case Study</b> R K Kashyap, Parivesh Chugh, T Nandakumar, Noida, India	<b>Managing of Solid Waste through Public Private Partnership Model</b> <i>Giresh Mohan, Ujjawal Kumar Sinha, Meva Lal, Bhopal, India</i>
14:25-	<b>Resource Recovery</b>	<b>Assessment of</b>	<b>Certified emission</b>	<b>Smelting of waste nylon</b>	<b>Assessment of</b>	<b>Sustainable Municipal</b>

14.40	<b>through RDF: Current Trends in Solid Waste Management in the Philippines</b> Grace P. Sapuay, Philippines	<b>Composite Waste Disposal in Aerospace Industries</b> N. Vijay , V Rajkumar, P Bhattacharjee Hyderabad, India	<b>reductions from the anaerobic treatment of vegetable market wastes for recovery of energy in two-phase semi-continuous reactor</b> V. Dhanalakshmi Sridevi', Porselvan, S. V. Srinivasan, <i>Chennai, India</i>	<b>and low-density plastics (ldps) in a fluidized bed system</b> Abdul WahabOgunbiyi , Adeshola O. Openibo , Olasunkanmi M. Ojowuro3	<b>Groundwater Quality in and around the Jawaharnagar Municipal Solid Waste Dumping Site at Greater Hyderabad, Southern India</b> R. M. Kurakalva, K.K. Aradhi, K.Y. Mallela, S. Venkatayogi, Hyderabad, India	<b>Solid Waste Management in India: A Policy Agenda</b> Shyamala Mani' Satpal Singh, N Delhi, India
14.40-14.55	<b>Brazil in Transformation: From the End of Dumps to the Social Inclusion of Recyclable Solid Wastes Collectors</b> J. P. M. Rocha, T.S. Alencar, M. V. Ferreira, R. V. Da Silva, R. P. V. Genaro, <i>Rio de Janeiro, Brazil</i>	<b>An Environmental Approach to Adapt Industrial Waste in Construction Material</b> C. F. Rajemahadik <sup>1,2</sup> , S. S. Mane <sup>1</sup> , P. Shinde <sup>1</sup> , S. Koynde <sup>1</sup> , K. Gaikwade <sup>1</sup> , S. Desai, Kolhapur, India	<b>Design, Fabrication and Experimentation of a Small Scale Anaerobic Biodigester for Domestic Biodegradable Solid waste with Energy Recovery and Sizing Calculations</b> Jyothilakshmi R, S.V.Prakash, Bangalore, India	<b>The Characteristics of Oxygen-Enriched Gasification for Fluff SRF</b> J. H. Gu <sup>1</sup> , Y. S. Park <sup>1</sup> , S. B. Nam <sup>1</sup> , Y.S. Yun <sup>1</sup> , H. J. Sung <sup>1</sup> , *, J. K. Lee <sup>2</sup> , J. H. Oh <sup>2</sup> , Y. C. Seo <sup>3</sup>	<b>Comparative Study of Regional Landfills vis-a-vis Divisional Landfills vis-a-vis Individual (city) Landfills- Implications and Best choices in Indian context for MSWM (A Case Study of Uttar Pradesh)</b> Mohit Somani, R.K. Srivastava, Allahabad, India	<b>Proposal for Sustainable and Integrated Waste Management in Small Towns in India: Case Study at Sathyamangalam, Erode</b> M Vasudevan', K Babu Erode, India
14.55-15.10	<b>Morphological Composition of Municipal Solid Waste in Big Cities of Uzbekistan</b> Sh. T. Kholikulov, S. B. Paradaev, Samarkand, Uzbekistan	<b>High Carbon Ferro Chrome Slag- Alternative Mould Material for Foundry Industry</b> I. Narasimha Murthy, N. Arun Babu, J Babu Rao Visakhapatnam, India	<b>Comparative Analysis of Biogas Production from Urban Waste Waters Substrates : Case Study for Timisoara City</b> A. E. Cioabla, <i>M. Pavlovic</i> , F. Popescu *, Z. Bagi, D. Lelea, <i>Romania, Zrenjanin,</i>	<b>Effect of variation in the chemical constituents of wastes on the co-processing performance of the cement kilns</b> U Parlikar, P. S. Bundela, R Baidya, Sannidhya Kumar Ghosh, S K Ghosh <i>Mumbai &amp; Kolkata, India</i>	<b>Rehabilitation of Enclosed Landfill (Waste to Energy) at Al-Qurain (Case Study)</b> Mohammad Al-Sarawi, Saji Baby, and Al-Safer A, <b>Kuwait</b>	<b>Municipal Solid Waste Management in India : A Few Unaddressed Issues</b> Tapas Kumar Ghatak, Kolkata, India

			Serbia, Szeged, Hungary			
15:10- 15:25	<b>Waste Generation and Management in Antarctica</b> Pawan Kumar Bharti, Bhupesh Sharma, and A. K. Tyagi, Delhi, India	<b>Feasibility as a Potential Substitute for Natural Sand: A Comparative study between Granite Cutting Waste and Marble Slurry</b> Sarbjee Singh, Anshuman Tiwari, Ravindra Nagar, Vinay Agrawal, Jaipur, India.	<b>Application of three-stage Anaerobic Digestion (AD) in the stabilization of Organic Fractions of Municipal Solid Wastes (OFMSW),</b> Biswabandhu Chatterjee*, Debabrata Mazumder, Howrah, India		<b>Landfill mining as a remediation technique for open dumpsites in India</b> Dubey*, M. Chakrabarti, D. Pandit <i>Ahmedabad, India</i>	<b>Strategies for Enhancement of Sustainable Municipal Solid Waste Management in India</b> K. V. Shah, D.D. Shah, <i>Ganghinagar, Gujarat, India</i>
15:25 – 15:40	<b>Organic manure of solid wastes &amp; irrigation automation to the Indian agricultural land with auto solar tracking using GSM technology,</b> Prof. D. Babu Rajendra Prasad, <i>INDIA</i>	<b>Project approach to creation of waste oil management system in NORTH-WEST Russia</b> Maria A. Liubarskaia, Donald J. Birnesser Russia and USA	<b>Quantification of Methane Production and Power Generation for Bangalore MSW,</b> Lakshmikanthan P, Sughosh P, Santhosh L. G, Sivakumar Babu G. L, Bangalore, India		<b>Characterization of leachate and its impact on surface and groundwater quality of a closed dumpsite – a case study at Dhapa, Kolkata, India</b> S. K. Maiti, S. De, T. Hazra, A. Debsarkar, A. Dutta	<b>A Study and Development of Comprehensive Solid Waste Management Plan for Panchayat Unions in Coimbatore District under the Context of Municipal Solid Waste Rules</b> Tha. Murugan, R. Chandrasekaran, Coimbatore
15:40– 15:55	Tea / Coffee Break & Networking					
15:55 – 16:45	<b>Meet the foreign experts and the Indian stakeholders</b>					
	<p><b>Foreign experts expected to be present from :</b> <i>Australia, Brazil, China, Egypt, Finland, France, Germany, Hong Kong, Italy, Kuwait, Libya, Lebanon, Malaysia, New Zealand, Nigeria, Philippines, Republic of Korea, Sri Lanka, Sweden, Serbia, South Africa, Tbilisi Georgia, Taiwan, Thailand, Uzbekistan, UK, USA</i></p> <p><b>Moderators:</b> Prof. Sadhan K Ghosh, Dr Y B Ramkrishna and Dr H. N. Chanakya</p> <p><i>Delegates are requested to raise question on the status of the SWM implementation in written form and to be handed over to the volunteers well in advance</i></p>					

2 <sup>nd</sup> Parallel Break out Technical Sessions Day 1, 25.11.2015					
16.50 – 18:35	TS7	TS8	TS9	TS10	TS11
	Hall A	Hall B	Hall C	Hall D	Hall E
	City Specific SWM –I	Industrial Waste Management	Biomass Utilization and Bio-waste management	Composting	C & D Waste Management
	Hall Manager : Prof. Pavel Albores Ms Aryama Roy Chaudhury	Hall Manager: Dr. Konstantino Petridis	Hall Manager : Mr Tapas Ghatak Prof. Debasish Roy	Hall Manager: Dr Vasanthy Muthunayanan, Ms. Karthika Arumugam	Hall Manager: Dr Sutripta Sarkar Mr Rahul Baidya
	Chair: Prof. J. M. Chandra Kishen Co-chair : Prof. Pavel Albores	Chair : IOCL Representative Co-Chair: Prof. M. Pavlovic	Chair : Dr Y B Ramkrishna Co-Chair : Prof. V. K. Vijay,	Chair: Prof. J. C. Wong Co-Chair : Kamna Swami	Chair : Prof. B. V. Venkatarama Reddy Co-Chair : Dr. Payel Ghosh
16.50- 17.05	<b>Municipal Solid Waste Management in Ho Chi Minh City, Viet Nam, Current Practices and Future Recommendation</b> R. L. Verm, G. Borongan, M. Memon, <i>Thailand &amp; UNEP, Osaka, Japan</i>	<b>Establishment of Waste-to-Resource Supply Chain by Hydrometallurgical System for Heavy Metals Recovery towards Environmental Sustainability</b> Dr. Chilin Cheng, Taiwan	<b>Bio-waste recycling in Germany – further challenges</b> G. Morscheck <sup>1</sup> , A. Schüch <sup>1</sup> , A. Lemke <sup>1</sup> , M. Nelles <sup>1</sup> Germany	<b>Sustainable Operation of Composting in Solid Waste Management</b> S. Vigneswaran, J. Kandasamy, M.A.H. Johir <i>Sydney, Australia</i>	<b>Construction Waste – Potentials and Constraints</b> S. E. Sapuay Manila, Philippines
17.05– 17:20	<b>Mainstreaming of Informal Sector in Municipal Solid Waste Management in Indian Cities: Case of Ahmedabad</b> Nivedita Mahotra, Subhrangsu Goswami, Ahmedabad, India	<b>Investigations on Physical and Chemical Properties of High Silica Sand, Fe-Cr Slag and Blast Furnace Slag for Foundry Applications</b> I. Narasimha Murthy, J Babu Rao, Visakhapatnam, India	<b>Biomass supply chain in Asian and European countries</b> A. Raychaudhuri <sup>1</sup> , S. K. Ghosh Tiruchirappally & Kolkata, India	<b>Drum Composting of Food Waste: A Kinetic Study</b> M. K. Manu, R. Kumar, A. Garg, Mumbai, India	<b>An optimisation model on Construction and Demolition Waste quantification from building</b> S. K. Ghosh, H. S. Haldar , S. Chatterjee, P. Ghosh , <i>Kolkata, India</i>
17.20- 17.35	<b>A Facility Location Model for MSW Management Systems under Uncertainty: A Case Study of Nashik City, India</b> Vinay Yadav, Subhankar Karmakar, A.K. Dikshit, Shivkumar Vanjari <i>Mumbai, &amp; Nashik, India</i>	<b>An Overview on the Use of Waste Plastic Bottles and Fly Ash in Civil Engineering Applications</b> Sushovan Dutta, M. B. Nadaf, J. N. Mandal Mumbai, India	<b>Bio-waste Management in Europe with a focus on Finland – Regional Challenges and Solutions,</b> S. Piippo, Finland	<b>Possibility of Eco Friendly Post Consumer Waste Management</b> Vasanthy Muthunayanan, Karthika Arumugam, Tamilselvi Duraisamy Tiruchirappalli, Tamil Nadu, India	<b>Construction &amp; Demolition Waste Management in Ahmedabad</b> Aishwarya Mukund, Dipsha Shah Ahmedabad, India

17.35-17:50	<b>Tourism induced Challenges in Municipal Solid Waste Management in Hill Town: Case of Pahalgam</b> Subzar Bashir, Subhrangsu Goswami <i>Ahmedabad, India</i>	<b>Investigating decolourization through different operational parameter on synthetic Reactive Blue ME2RL solution using electrocoagulation</b> C. F. Rajemahadik, S. Parith, Y. Chougulae, N. Bate, I. Deshmukh, A. Bhosale, Kolhapur, India.	<b>Progresses in Waste Biomass derived catalyst for production of Biodiesel and Bioethanol: A Review</b> P. Mukhopadhyay, S. Chatterjee, S. Barman, R. Chakraborty, Kolkata, India	<b>Vermicomposting – solution for milk sludge</b> Naveen Desai, Anuradha Tanksali, Veena S. Soraganvi, Bijapur, , Bagalkot, India	<b>Management and Recycling of Construction Waste in Taiwan</b> Ying-Ying Lai, Li-Hsu Yeh, Ping-Fu Chen, Po-Hsun Sung, <i>Taipei &amp; Taiyuan, Taiwan</i>
17:50-18:05	<b>Case Study of Mumbai: Decentralised Solid Waste Management</b> Hamsalyer , Mumbai, India	Comparison of photocatalytic degradation of Direct Blue 71 dye using bared and Ag <sup>+</sup> doped TiO <sub>2</sub> Varun Agarwal <sup>1*</sup> , Shuchi <sup>2</sup> , Ashish Gulabani <sup>3</sup> , Abhishek Gupta <sup>4</sup>	<b>Innovative techniques for a farmer with small holding to become financially independent with diverse agriculture operations and use of biomass</b> K Nagendra <sup>1</sup> , N Raghu <sup>1</sup> , S Kuldeep <sup>1</sup> , Dr. N Krishnamurthy <sup>2</sup>	<b>Screening and Characterization of Cellulolytic Bacteria from the Vermicompost of Paper Cup Waste</b> Karthika Arumugam, Vasanthi Muthunarayanan, Swabna Vivek, Tiruchirappalli, Tamil Nadu, India	<b>Eco friendly use of granite fines waste in building blocks</b> Lokeshwari M , K S Jagadish <i>Bangalore, Karnataka. India.</i>
18:05-18:20	<b>A Working Observation on the Dry Waste Collection Centers in Bangalore</b> Pinky Chandran, Sandya Narayanan Bangalore, India		<b>Effective Utilization of MSW Digestate Slurry and Biogas Byproducts for Algal Cultivation and Energy Generation - An Innovative Approach towards Carbon Fixation and Generation of Biofuels,</b> A Aman, A Ramesh, HN Chanakya, Bangalore, India	<b>Effect on Growth of Earthworm and Chemical Parameters during Vermicomposting of Pressmud Sludge Mixed with Cattle Dung Mixture</b> Sartaj Ahmad Bhat, Jaswinder Singh, Adarsh Pal Vig Amritsar, India	
18:20 – 18:35	<b>Innovation in Solid Waste Management through Clean Development</b>		<b>Development of densified agro- residue briquette techno-economics,</b>	<b>Optimization of a Vegetable Waste Composting Process with a Significant</b>	

	<b>Mechanism in Developing Countries</b> A Potdar, A Singh, Seema Unnikrishnan <sup>1</sup> , Neelima Naik, Mayuri Naik, Indrayani Nimkar, Vikrant Patil Mumbai, India		<i>S A Natekar, S Malayil, H.N Chanakya, A A Natekar, Bangalore, India</i>	<b>Thermophilic Phase</b> <b>Sutripta Sarkar, Subrata Pal, Sunanda Chanda,</b> Kolkata, India	
<b>Day 1 Ends</b>					

<b>Day 2, 26.10.2015</b>					
8:30	Registration of delegates				
9:30 – 10:30	<b>Plenary Session 2</b>				
	Chair : Dr. Y. B. Ramkrishna, Co- Chair, IconSWM 2015, Chairman, Bio Fuel Board, Ministry of Petroleum and Gas, New Delhi Co-Chair : Dr. H. N. Chanakya, Executive Chair, IconSWM 2015, Chief Research Scientist, IISc, Bangalore				
9.30-9.50 9.50-10.10 10.10-10.30	<b>Waste Management in Malaysia : A Holistic Overview - Agamuthu P</b> , Institute of Biological Sciences, Faculty of Science, University of Malaya, Malaysia <b>Waste Management in India – Paradigm Shift for resource efficiency – Sadhan K Ghosh, Jadavpur University, Dept of Mechanical Engg &amp;, President, International Society of Waste Management, Air and Water (ISWMAW), India</b> <b>Municipal Solid Waste Management in Taiwan – Ying-Ying LAI, Yuh-Ming LEE, Deputy Director, Dept of Waste Management, Environmental Protection Administration, Taiwan</b>				
10:30-10:45	<b>Coffee Break &amp; Networking</b>				
10.30–16.00	<b>Poster Presentation to be displayed by the authors in advance in the specified space</b>				
10:45-12:15	<b>3<sup>rd</sup> Parallel Break out Technical Sessions Day 2, 26.10.2015</b>				
	TS 12	TS 13	TS 14	TS 15	TS 16
	Hall A	Hall B	Hall C	Hall D	Hall E
	<b>WEEE Management</b>	<b>Biogas and Anaerobic Digestion</b>	<b>Pyrolysis</b>	<b>Landfill management</b>	<b>Plastic Waste</b>
	Hall Manager : Prof. Pavel Albores Ms Aryama Roy Chaudhury	Hall Manager: Dr. Konstantino Petridis Dr. Payel Ghosh	Hall Manager : Mr Tapas Ghatak Prof. Debasish Roy	Hall Manager: Dr Vasanthi Muthunayanan, Ms. Karthika Arumugam	Hall Manager: Dr Sutripta Sarkar Mr Rahul Baidya
	Chair : Dr. B. Sengupta Co-Chair: Hutti Gold Mines	Chair : Dr. Nirmala Kaushik Co-Chair: Giresh Mohan	Chair : BPCL Representative Co-Chair: Dr. S. Roy	Chair: Prof. J. N. Mandal, IITB Co-Chair: GAIL representative	Chair : Dr. Shakti Chauhan Co-chair: Sheetal Singh

	Representative				
10:45-11:00	<b>Supply Chain Analysis of an E-Waste Processing Plant Using the Analytical Hierarchy Process and Quality Function Deployment</b> Rahul Baidya, Biswajit Debnath, Sadhan Kumar Ghosh, Prasanta Kumar Dey Kolkata, India & Birmingham, UK	<b>Prospective of Biogas Up gradation and Bottling Technology for Cooking and Vehicular Application in India for Energy Security</b> V. K. Vijay, R. Kapoor, P. M. V. Subbarao, V. Vijay Delhi, India	<b>Kinetics of pyrolysis of mixed municipal solid waste – A review</b> V. Chhabra, Y. Shastri, S. Bhattacharya Mumbai, India & Melbourne, Australia	<b>Development of Hybrid Anaerobic Digestion and Membrane Separation Technique for Treatment of Municipal Solid Waste Landfill Leachate</b> V R Sapkal, P Kumar, A N Vaidya, M K Chandel Mumbai, India	<b>Support Vector Machine Classification of Waste Plastics using Near Infrared Spectroscopy Data for Resource Recovery</b> Madan Kumar Lakshmanan, Kavya Suma, Vishnu Priya Bitra, Harsha Muttavarapu, Chinnu Tharmalingam, <i>Chennai, India</i>
11:00-11:15	<b>Comparative Examining and Analysis of E-waste Recycling in Typical Developing and Developed Countries</b> Abhishek Kumar Awasthi, Xianlai Zeng, Jinhui Li Beijing, China	<b>Optimization of Process Parameters for Catalytic Conversion of Solid Bio-waste during Thermophilic Anaerobic Digestion</b> Amit ganguly, Richard Blankchard, Andrew Wheatley, Pradip Kumar Chatterjee Durgapur, India & Leicestershire, UK	<b>Pyrolysis of Tyre Waste and Characterization of By-products</b> Biman Bhattacharya, Rohit Kumar Singh, B. Jana, Biswajit Ruj, A. K. Sadhukhan, P. P. Gupta Durgapur, WB, India	<b>Development of landscaped landfills using organic waste for Sustainable Urban waste management</b> Amritha P.K., Anilkumar P.P., Culicat, Kerala	<b>Toxic Pollutants from Plastic Waste- A Review</b> Rinku Verma, K. S. Vinoda, M. Papireddy, A.N.S Gowda Bangalore, India
11:15-11:30	<b>E-waste Management – A potential route to Green Computing</b> Biswajit Debnath, Reshma Roychoudhuri, S. K Ghosh Kolkta, India	<b>Fungal enzyme cocktail treatment of biomass for higher biogas production from Leaf Litter</b> Sreesha Malayil, H N Chanakya Bangalore, India	<b>Bio Oil Production Based on Pyrolysis of Saw Dust in an Auger Based Reactor</b> <b>S. Murugavelh, R. Natarajan</b> Vellore, TN, India	<b>Assessment of Red Soil as Solid Waste Landfill Liner System</b> B. Mani Bhargava Reddy, K. Muthukkumaran <i>Tiruchirappalli, India</i>	<b>Partial replacement of E-plastic Waste as Coarse-aggregate in Concrete</b> Ashwini Manjunath B T Bangalore, Karnataka, India
11:30-11:45		<b>Dynamic modelling and simulation of pilot scale anaerobic digestion plant treating source separated food waste and effect of recycling sludge</b>	<b>Pyrolysis of Waste Plastic to Fuel Oil and Carbon Nanotubes</b> G. S. Bajad, Vijayakumar R. P. Nagpur, India	<b>A Comparative Study of Human Health Risk to MSW Landfill Leachate Contamination with Different Liner Systems</b> Harshit Mishra, Praneeth	<b>Integrated Plastic Waste Management: Environmental and Improved Health Approaches</b> P. Singh, V.P Sharma,



		P.G. Rathnasiri Moratuwa, Sri Lanka		Kadambala, Subhankar Karmakar, Rakesh Kumar Mumbai, India	Lucknow, India
11:45-12:00		<b>Biogas Production from Surplus Plant Biomass Feedstock: Some Highlights of Indo-UK R &amp; D Initiative</b> Dipam Patowary, Helen West, Michele Clarke, D.C. Baruah, Assam, India, Leicestershire, UK, Nottingham, UK	<b>Production of Charcoal as Well as Power from the Coconut Shell by Flash Pyrolysis Technique</b> C. Sreenath, A. Lumine Divya, S. Divya Arputham, M. Charanya, V. Kirubakaran Gandhigram, T. N, India	<b>Methane Emission from Panki Open Dump Site of Kanpur, India</b> Akanksha Kaushal, M.P. Sharma Roorkee, Uttarakhand, India	<b>Biodegradation of Low Density Polyethylene in Aqueous Media</b> K. S. Veethahavya, Rajath B.S., Sabike Noobia, Manoj Kumar B. Mysore, India
12:00-12:15	<b>Tea / Coffee Break</b> -				
12:15-13:30	<b>4<sup>th</sup> Parallel Break out Technical Sessions Day 2, 26.10.2015</b>				
	TS 17 Hall A	TS 18 Hall B	TS 19 Hall C	TS 20 Hall D	TS 21 Hall E
	<b>WEEE Management</b>	<b>Bio Mass, Bio Fuel &amp; Bio Energy</b>	<b>Waste to Energy</b>	<b>Policy and Strategies II</b>	<b>Air Quality Monitoring &amp; Flue gas Treatment</b>
	Hall Manager : Prof. Pavel Albores Ms Aryama Roy Chaudhury	Hall Manager: Dr. Konstantino Petridis Dr. Payel Ghosh	Hall Manager : Mr Tapas Ghatak Prof. Debasish Roy	Hall Manager: Dr Vasanthi Muthunayanan, Ms. Karthika Arumugam	Hall Manager: Dr Sutripta Sarkar Mr Rahul Baidya
	Chair: Dr. Richard Blanchard Co-Chair : Prof. Deben Baruah	Chair : Oil India Representative Co-Chair :BPCL Representative	Chair: Ulhas Parlikar, ACC Ltd Co-Chair : Mr Tapas Ghatak	Chair: Prof. Shyamala Mani Co-Chair : Dr. Satpal Singh	Chair : P.G. Rathnasiri
12:15-12:30	<b>Recovery and Reuse of Gold from Waste Glucometer Electrochemical Test Strips</b> R.V. Jayaram*, T. A. Fernandes, S. V. Katkar, A. A. Chavan Matunga, Mumbai, India	<b>Opportunities for Bio Fuels – Indian Scenario</b> Nirmala Kaushik, Sanjay Singh New Delhi, India	<b>Waste to Energy: a Case Study in a City of Nigeria</b> P. U. Ogban, E. Siqueiros, Y. Wang, Y. Huang, A.P. Roskilly Newcastle University, UK	<b>The Contribution of Federal University of Rio de Janeiro for Public Policies of Work and Income Generation for Collectors of Recyclable Materials,</b> T. S. Alencar, J. P. M. Rocha, Brazil	<b>Quantification and Characterization of Size-segregated Bioaerosols at Solid Waste Dumping Site in Delhi</b> S Agarwal, P Mandal, S G. Aggarwal, S Kumar, ASrivastava, Delhi, India

12:30-12:45	<b>Electronic Components (EC) Reuse and Recycling – A New Approach towards WEEE Management</b> B Debnath, P Roychowdhury, R Kundu, <i>Kolkata, India</i>	<b>Production of Bioethanol from Waste Newspaper</b> Shruti A. Byadgi, P. B. Kalburgi, Bagalkot, India	<b>Gasification Technology Implementation for Coal and Wastes in Korea : Current Status and Technical Comparison</b> Y. Yun, J. H. Gu, S. W. Chung, Republic of Korea	<b>Current regulations for hazardous waste management in India and status of its implementation,</b> <i>B. Sengupta, New Delhi</i>	<b>Assessment of Ambient Air Quality in the surrounding area of Compost Plant, Delhi, India</b> M Prakash, P Mandal, M. K. Chaturvedi, A Srivastava, Delhi, India
12:45-13:00	<b>E-waste flow among selected institutions of higher learning using material flow analysis model</b> P. Agamuthu, P. Kasapo, N. A. M. Nordin Malaysia	<b>Utilization of waste rice straw from thatches for the production of ethanol using tartaric acid and sodium chlorite solution as catalyst</b> A Mukherjee, T Mandal, A Ganguly, P. S. Ghosh and P K Chatterjee, Durgapur, India	<b>A DEA/Goal Programming model for Incineration Plants performance in the UK</b> Konstantinos Petridis*, Prasanta Kumar Dey, Birmingham, UK	<b>Towards Sustainable Waste Management through Technological Innovations, Effective Policy, Supply Chain Integration and Participation</b> Vidyadhar Durgekar Bangalore, India	<b>Innovative use of membrane technology in mitigation of GHG emission and energy generation</b> Dr. Smarajit Roy, London, UK
13:00-13:15	<b>Inventorisation of E-Waste and Developing a Policy – Bulk Consumer Perspective</b> Senophiyah Mary J., Meenambal T. Coimbatore, India	<b>Biogas plant – Solid Waste Management at Chamundi Hill, Mysore India - A Case Study</b> S. Subbarao, K.N. Dhananjaya, P. Sowmya, V. Jagannatha. <i>India</i>	<b>Comparative analysis of combustion vs auto-gasification of prosopis juliflora sticks for rural household</b> K. Kamaleswaran, P. Harinath, S. Prabhakaran, V. Rajakumaran, M. Damini, V. Kirubakaran -	<b>Nationally Appropriate Mitigation Actions (NAMA) in the Municipal Waste Management Sector in India</b> Kamna Swami, New Delhi India,	<b>A Review on Technologies of Removal of Dioxins and Furans From Incinerator Flue Gas</b> A. Mukherjee, B. Debnath, S. K. Ghosh Kolkata, India
13:15-13:30		<b>Low energy rice stubble management through in situ decomposition</b> Nilay Borah <sup>1*</sup> , Rajen Barua <sup>1</sup> , Dhruvajyoti Nath <sup>1</sup> , Kailash Hazarika <sup>2</sup> , Amrita Phukon <sup>1</sup> , Kasturi Goswami <sup>1</sup> and D. Ca Barua, Assam, India		<b>Subhlabh's way of identifying solution for solid waste management.</b> SUBHLABH.	<b>Mitigation strategy to reduce GHG Emission from Panki open dump site, Kanpur</b> Akanksha Kaushal <sup>1</sup> M.P. Sharma <sup>2</sup>
10.30–16.30	<b>Poster Presentation to be displayed by the authors in advance in the specified space</b> <b>Coordinators : Ms. Madhuri of CMAK and Mr Soumyajit of ISWMAW available at Technical Desk</b>				

	If there is any omission in the name of poster, the presenter is requested to bring the poster as per the size specified. We will include in the poster presentation.										
	<b>Torrefaction Reaction Characteristics of various Biomass Waste on Pilot Scale of Torrefaction Reaction System</b> S. B. Nam, Y. S. Park, D. J. Kim and J. H. Gu, Republic of Korea	<b>Establishment of Energy Potential of Norio Landfill of Municipal Solid Waste of Tbilisi</b> N. L. Dvalishvili, Tbilisi, Georgia	<b>Evaluation of strategies to improve efficiency in municipal solid waste management for Hindupur town</b> S. AkibJaveed, Nagaraju Ravadi, India	<b>Waste does not become a poison, rather means money.- a case study in Jagaluru, Karnataka</b> V. Praveena kumara. Karnataka, Kadaganchi Village, AlandTalk, Dist. Kalburgi. India	<b>Possibilities of composting disposable diapers with MSW</b> Bharathi N, Yalini D, K. Trichy, Tamilnadu,	<b>A Study on Environmental Assessment of Residue from Gasification of Polyurethane Waste in E-Waste Recycling Process</b> J. J. Kang, et al Republic of Korea & India	<b>For Waste to Energy, Assessment of Fluff Type Solid Refuse Fuel by Thermal Characteristics Analyses</b> S. W. Park, et al Republic of Korea & India	<b>Survey on SWM for Sustainable Development and Public Health in Dutse Metropolis, Jigawa State, Nigeria</b> Mustapha Bashir Kazaure, Nigeria.			
1:30-2:30	<b>Networking LUNCH</b>										
2:30-3:30	<b>Plenary Session 3, 26.11.2015</b>										
	Chair : Prof. M. S. Mohan Kumar, Chair, IconSWM 2015, Professor, IISc, Bangalore Co-Chair : Dr. N. Manjula, IAS, Director, DMA, Govt of Karnataka, Bangalore										
14:30-14:50	<b>Production of Biopesticide Compost from Co-composting of Food Waste and Chinese Medicine Herbal Residue</b> <b>Jonathan W.C. Wong, Professor, Dept of Biology, Hong Kong Baptist University, Hong Kong SAR, P. R. China</b>										
14:50-15:10	<b>State of Development of Biogas Production in Europe</b> <b>Michel Torrijos, INRA, UR0050, Laboratoire de Biotechnologie de l'Environnement, Avenue des Etangs, Narbonne, France</b>										
15:10-15:30	<b>State of Development of Biogas Production in India</b> <b>Dr. H. N. Chanakya, Executive Chair, IconSWM 2015, Chair and Chief Research Scientist, IISc, Bangalore</b>										
15:30-15:50	<b>Recent Trends in Municipal Solid Waste Management Code for Developing Countries - S. T. El Sheltawy, SA. El Sherbiny, MMK. Fouad &amp; HA Sibak, Cairo University, Cairo, Egypt,</b>										
15:50-16:05	<b>Tea / Coffee Break &amp; Networking</b>										

16:05– 17:40	5 <sup>th</sup> Parallel Break out Technical Sessions Day 2, 26.11.2015					
	TS 22	TS 23	TS 24	TS 25	TS 26	TS 27
	Hall A	Hall B	Hall C	Hall D	Hall E	Hall F
	Waste Utilisation and Minimisation	City Specific SWM	Workshop – Renewable Energy Recovery from MSW (Oil & Gas)	Waste water	Waste Management and Swacchha Bharat Mission	Applied Bio Systems and Biotechnology
	Hall Manager : Prof. Pavel Albores Ms Aryama Roy Chaudhury	Hall Manager: Dr. Konstantino Petridis Dr. Payel Ghosh		Hall Manager: Dr V Muthunayanan, Ms. Karthika Arumugam	Hall Manager : Mr Tapas Ghatak Prof. Debasish Roy	Hall Manager: Dr Sutripta Sarkar Mr Rahul Baidya
	Chair : Dr. P. K. Chatterjee Co-Chair : Industry Representative	Chair : Prof. S. K. Ghosh Co-Chair:Prof. M.M.K.Fouad	Chair: Y. B. Ramakrishna Co-chair : Dr. H. N Chanakya	Chair: Prof. M.S. Mohan Kumar,	Chair: BBMP Representative Co Chair: Prashant Mehra,	Chair: A. K. Sarmah Co-Chair: Dr Sari Pippoo
16:05– 16:20	<b>Utilization of Biogas Digester Liquid for Higher MushHall Yields</b> Roopa Ashwath, H N Chanakya, Sreesha Malayil Bangalore, India	<b>Land use based modelling of solid waste generation for sustainable residential development in small / medium scale urban areas</b> P.P. Anilkumar, K Chitra, Calicut, India	<b>Waste to liquid Fuels,</b> Dr Lakshminarayan Shell India Markets Pvt. Ltd. <b>India</b>	<b>Development of Hydrometallurgical System for Heavy Metals Recovery from Industrial Wastewater</b> <b>Chilin Cheng</b> Director, Hydroionic EnviroTec Co., Ltd., Taiwan (ROC)	<b>Environmental friendly ways to generate Renewable Energy from Municipal Solid Waste</b> Jaya Rawat, Srinivasulu Kaalva, Vivek Rathore, D. T. Gokak, Sanjay Bhargava <b>Greater Noida (UP), India</b>	<b>Evaluating the potential of Wild Cocoyam “Caladium icolour” for ethanol production using indigenous Fungi strains</b> O. C. Amadi, N. Onyema, T.N. Nwagu, A. N. Moneke, B. N. Okolo and R. C. Agu, Nigeria
16:20– 16:35	<b>Farm/Industrial/Municipal Waste: Prospects of Nutrient (Phosphorus) Recovery</b> Sampriti Kataki, Helen West, Michele Clarke, DC Baruah Napaam, Assam, India and Leicestershire, UK	<b>Feasibility Study of Undesirable Solid Waste Treatment Siting,</b> Mervat El Hoz, Lebanon	Waste to energy in Pune Mr Ghanashya Deshpande <b>Praj Industries Ltd.</b> Pune, India	<b>Phycoremediation Technology for Effective Treatment of Industrial Effluents</b> V Sivasubramanian	<b>A Mechanical Automatic Urinal-Toilet Flusher for Swacchh Bharat Mission</b> S. B. Wath,	<b>Bioelectrochemical Systems : A Sustainable and Potential Platform for Treating Waste</b> S. Srikanth, Manoj Kumar, M.P. Singh, B.P. Das, Faridabad, Haryana, India
16:35– 16:50	<b>Minimization of Waste Spent Catalyst in Refineries</b> Chiranjeevi T, Pragya R, Gupta S., Gokak DT,	<b>Modeling indigenous Footpath and Proximity cut-off Values for Municipal Solid waste Management: A Case</b>	Indian Oil Corporation Ltd. (IOCL) <b>India</b>	<b>Disposal Problem of Arsenic Sludge Generated During Arsenic Removal</b>	<b>Decentralized Waste Management Systems in Urban Context: Opportunities and Challenges</b>	<b>Utilisation of chicken tallow for the production of cationic biosurfactant and thereof for</b>

	Bhargava S, Greater Noida, India	Study of Ilorin, Nigeria A.S. Aremu, Ritesh Vijay, Nigeria		from Drinking Water Prasanta Mandal, S. R. Debbarma, Arup Saha, Biswajit Ruj* *Durgapur, WB, India	Pinaki Dasgupta, A. Mukherjee, New Delhi, India	decontamination of Cr (III) containing soil – Judia Magthalin C, Aishwarya V, Swarnalatha.S and Sekaran.G,Chennai, India
16.50-17.05	Waste utilisation for energy production in a Microbrewery: A Case Study E. Siqueiros, S. Edwards <sup>1</sup> , Y. Wang, T. Roskilly, D. Graham Newcastle University, UK	Municipal Solid Waste Management, a major impacted sector of urban environment due to residential land use activities- Study of Kozhikode city, K. Chithra, P.P. Anilkumar, M. A. Naseer, Calicut, India	Bharat Petroleum Corporation Ltd. (BPCL) India		Identification of Barriers for Waste Recycling Units' Establishment in India: A Theoretical Perspective Ankur Chauhan, Amol Singh	Biodegradation of Low Density Polyethylene in Aqueous Media K. S. Veethahavya, Rajath B.S., Sabike Noobia, Manoj Kumar B,
17.05-17.20	Utilization of an agro waste, wheat plant ash, for adsorption of 2,4-dichlorophenoxyacetic acid, Nikhilesh S. Trivedi, S.A.Mandavgane, Nagpur, India	Household behaviour on SWM : A case of Okhla, South Delhi Shabana Yashmin, Delhi	Gas Authority of India Ltd. (GAIL) India		Role of Waste handling in Clean Development Mechanism Worldwide Nimkar <sup>1,*</sup> , A. Singh <sup>1</sup> , S. Unnikrishnan <sup>1</sup> , N. Naik <sup>1</sup> and M. Naik <sup>1</sup>	A Study on the Potential of <i>Moringa</i> Leaf and Bark Extract in Bioremediation of Heavy Metals from Water Collected from Various Lakes in Bangalore Shinomol George K, BhanuRevathi K, Deepa N, PoojaSheregar C, Ashwini T.S., Suchandrima Das Bangalore, India

17.20– 17.35	<b>Physico-chemical characteristics and heavy metal contents of soils and kharif crops of Punjab, India</b> Sandip Singh Bhatti, Vasudha Sambyal, Avinash Kaur Nagpal	-			<b>A fuzzy goal programming approach for solid waste management under multiple uncertainties</b> Arnab Kumar De, Animesh Biswas, Kalyani, , <i>India</i>	<b>Self – Circulating Biogas Generation for Swine Waste</b> M. Adam Mydeen, M. Venkateshwaran, S. Siva Sakthi Velan, C. Aarth Vigneshwari, V. Kirubakaran, Gandhigram, Tamil Nadu, India
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<b>DAY 3, 27.10.2015</b>						
8:30- 9:30	<b>Registration of delegates</b>					
10:00– 11:00	<b>Plenary Session 4, 27.11.2015</b>					
	Chair : Prof. J. M. Chadra Kishen, Chair, IconSWM 2015, Professor, IISc, Bangalore Co-Chair : Dr. N. Manjula, IAS, Director, DMA, Govt of Karnataka, Bangalore					
10:00- 10:20	<b>A New Fuzzy Model for Market Validation of Device Recycling Motor Oils</b> <b>M. Pavlović<sup>1,*</sup></b> , D. Tadić, S. Arsovski, A. Tomović, A. Pavlović, Serbia					
10:20- 10:40	<b>Non-organic solid wastes – potential resources for construction materials</b> <b>Prof. B. V. Venkatarama Reddy</b> , Hemanth Kumar H and S. N. Ullas, Indian Institute of Science, Bangalore, India					
10:40 11:00	<b>Bio-Energy in India –</b> <b>Mr. Y. B. Ramakrishna</b> , Bio-Fuel Board, Bangalore, India					
11:00- 11:15	Coffee Break and Networking					
11:15 - 12:15	<b>6<sup>th</sup> Parallel Break out Technical Sessions Day 3, 27.11.2015</b>					
	TS 28	TS 29	TS 30	TS 31	TS 32	TS33
	Hall A	Hall B	Hall C	Hall D	Hall E	Hall F
	<b>Waste Water and sludge management</b>	<b>Industrial Waste Management</b>	<b>Corporate &amp; Participatory Best Practices in SWM</b>	<b>Workshop – Renewable Energy Recovery from Biomass</b>	<b>Waste Management and Swacchha Bharat Mission</b>	<b>Applied Bio Systems and Biotechnology</b>

	Hall Manager : Prof. Pavel Albores Ms Aryama Roy Chaudhury	Hall Manager: Dr. Konstantino Petridis	Hall Manager: Dr. Payel Ghosh	Hall Manager: Mr Rahul Baidya	Hall Manager: Dr Vasanthy Muthunayanan, Ms. Karthika Arumugam	Hall Manager: Dr Sutripta Sarkar
	Chair: Prof. M. K. Mohan Kumar Co-Chair: Representative of BWSSSB	Chair : Industry Representative Co-Chair: Industry Representative	Chair: Prof. S. K. Ghosh Co-chair: Kanchan Chakraborty	Chair: : Dr. H. N. Chanakya Co-chair: CRI Representative.	Chair: Representative of KUIDFC Co-Chair: Prof Mervat El Hoz	Chair : Prof. S. Subramanian Co-Chair: Prof. Gert Morscheck
11:15 – 11:30	<b>Restoring the dying Urban lakes and Man-made water bodies: Designing restored waster bodies for bird refuge,</b> S. Subramanya, H.N. Chanakya, K.S. Sangumi, Bangalore, India.	<b>Investigation and Analysis of Moulding Properties of Fly Ash: An Alternative Moulding Material to Make Non-Ferrous Castings</b> A B Nallabelli, N Murthy, B Naik Banoth, Babu Rao Jinugu, Vishak Patnam, India	<b>Corporate led Best Practices in Solid Waste Management</b> Infosys Technologies Ltd., Bangalore, India	<b>Initiatives in biofuels from wastes and agro-residues in India – A Status Paper</b> YB Ramakrishna	<b>Municipal Solid Waste Management</b> Ajay Kumar Soni, Deepak Patil, Kuldeep Argade, <i>Pune, India</i>	<b>Practical Achievements on Biomass Steam Gasification in a Rotary Tubular Coiled-Downdraft Reactor</b> Renny Andrew, D.T. Gokak, Pankaj Sharma, Janardan Sharma, Shalini Gupta,N Delhi
11:30 – 11:45	<b>Sustainable Processes for Treatment of Waste Water Reverse Osmosis Concentrate to achieve Zero Waste Discharge: A Detailed Study in Water Reclamation Plant</b> S. Shanmuganathan, M. A.H. Johir, A. Listowski, S. Vigneswaran J. Kandasamy, <i>Australia</i>	<b>Mine Tailings as a Resource Material: A Case Study of the Klein Letaba Gold Tailings Dam, Limpopo Province, South Africa</b> Nemapate, N, Ogola J. S. Ekosse, G. E., South Africa	<b>Corporate led Best Practices in Solid Waste Management</b> Dr. Vinita Wali Ex-Britannia Industries Ltd., Bangalore, India	<b>Speaker from ONGC. Mr. K.P. Balaraman, Chief Engineer,</b>	<b>A Review on Prediction of Municipal Solid Waste Generation Models</b> K. A. Kolekar, T. Hazra, S.N. Chakrabarty	<b>Fast biodegradation of waste cotton fibres from yarn industry using microbes</b> U. Mahitha, G. Dhaarini Devi, M. Akther Sabeena, C.Shankar, V. Kirubakaran Gandhigram, TN, India
11:45- 12:00	<b>Up Gradation of Activated Sludge Process for Capacity Improvement by using High Purity Oxygen</b> Ashish Gulabani, Varun	<b>R.R. – 195 Dye Adsorption achieved by Waste Generated from Thermal Power Plants</b> C. F. Rajemahadik, D.	<b>Corporate led Best Practices in Solid Waste Management</b> Shri Ramakanth Hindustan Aeronautics	Technology Best Practices in Waste Management Sampath Sankey <b>Hyderabad, India</b>	<b>Evaluation of Solid Waste Management Practices in Institution of Higher Educational Residential Campuses</b> Shaila Bantanur, Mahua	<b>Hydrothermal Pretreatment to Lignocellulosic Biomass: A Promising Technique for Biomethane and</b>

	Agarwal, Shuchi, Abhishek Gupta Rajkot, Gujarat, India	S. Patil, S. Gavade, A. Tondale, S. Deshmukh, D. Chavan, Kolhapur, India	Ltd., Bangalore, Ind		Mukherjee, R. Shankar	<b>Bioethanol Production</b> R. Chandra, A. Trivedi, V. K. Vijay, P. M. V. Subbarao, New Delhi, India
12:30 – 11:45	<b>Characterization of Water Treatment Plant's Sludge and its Safe Disposal Options</b> T. Ahmad, K. Ahmad, M. Alam New Delhi, India	<b>Tensile Strength and Toughness Index of flyash-Lime – Gypsum mixed with dry/treated Tire chips</b> S. P. Guleria, R. K. Dutta Himachal Pradesh, India	<b>Best Practices in Ward Level Waste Management – Case of RWA, Yelahanka, EO, Yelahanka Bangalore, India</b>	<b>Best Practices in Waste Management in Educational Institutions</b> University of Agricultural Sciences Bangalore, India	<b>Production of Polyhydroxybutyrate from Cafeteria Waste</b> D. Dixit	<b>Nano–mechanical characterization of waste wood, biochar and activated biochar</b> O. Das' and A. K. Sarmah New Zealand
11:45- 12:00	<b>Recycling Of Waste Water Collected From Automobile Service Station</b> M. N. Asha, K. S. Chandan, H. P. Harish, S. Nikhileswar Reddy, K. S. Sharath, G. Mini Liza, Bangalore, India	<b>Review of Clean Development Mechanism in Green House Gas Mitigation in all Industrial Sectors in India</b> M. Naik, A. Singh, S. Unnikrishnan, N. Naik, I. Nimkar, B. Sawant , India	<b>Best Practices in Waste Management – Case of Hasiru Dala (waste pickers)</b> Nalini Shekar Bangalore, India		<b>Application of SWOT Analysis for the selection of Technology for processing and Disposal of MSW.</b> A. Aich, S.K. Ghosh India	<b>Effects of Hg/Co toxicity in soil on biomolecules of Earthworm, <i>Eisenia fetida</i>, <i>havi Jatwani</i>, <i>R.K. Gupta, Reema Rai</i>, <i>Abhinav Hooda</i> Hisar, Haryana, India</b>
12:00- 12:15	<b>Effect of Stocking Density of Earthworm on the Degradation Time and Physico-chemical Properties of Paper Mill Sludge mixed with Cow Dung,</b> J Singh, S Singh, A Pal Vig, A Kaur - Amritsar, India				<b>Production of Micro fibrous Carbon Matrix from Tannery Solid Waste</b> <b>K. Patchai Murugan, S.</b> Swarnalatha, G. Sekaran, India	<b>Supply Chain of Bioethanol Production from Whey: A Review</b> Monami Das, Aryama Ray chaudhuri, Sadhan Kumar Ghosh
12:15- 12:30	<b>Restoring the dying Urban lakes and Man- made water bodies: Restoring to Treated Sewage Infusion for survival,</b>				<b>Managing coarse rejects from compost plants and organics from bio mining,</b> A H Patel, Bangalore, India	<b>Preparation and Analysis of Municipal Solid Waste Briquettes with Cow Dung as Binder</b> Dr.Sumathy



	H.N. Chanakya, S. Subramanya, K.S. Sangumi. Bangalore, India				Muniamuthu Vel Tech, Chennai, Tamil Nadu, India
12:15-13:30	<b>TS 34</b> <b>Hall B : Workshop on MSW Management in India – Strategies and Technology</b> Coordinators : Prof V Jagannatha, Prof J. M. Chandra Kishen	<b>TS 35</b> <b>Hall C: Panel Discussion (Energy Recovery from waste)</b> Coordinator : Dr H. N. Chanakya	<b>TS 36</b> <b>Hall D : Discussion on International Collaborative Research Projects</b> Those who are interested should submit their willingness to the Technical Desk to join this meeting Coordinators : Prof. S. K. Ghosh, Prof M El Hoz , Prof. M Al-Sarawi, Dr. A. Pavel		
	<b>Meeting of ISWMAW ( 13.00 to 13.30 hrs)</b> Chaired by Prof S. K. Ghosh, Moderator : Prof Amit Ghosh All members and interested persons to be the member are requested to attend. Agenda : 5 <sup>th</sup> IconSWM 2015 and 6 <sup>th</sup> IconSWM 2016 and ISWMAW committee				
13:30-14:15	<b>LUNCH and Networking</b>				
14:15-15:35	<b>Valedictory Session, IconSWM Excellent Paper Award</b>				
14.20	Reception and lighting the lamp				
14.25	Welcome Address				
14.35	Summary of the 5 <sup>th</sup> IconSWM 2015 at IISc and				
14.45	Announcement of core committee of the 6 <sup>th</sup> IconSWM2016				
14.50	IconSWM Excellence Paper Awards				
15.10	Valedictory Speech				
15.25	Vote of Thanks				
15.30	National anthem				
15.35	The end				
<b>7.30 – 2.30</b>	Field visit to SWM facilities in Bangalore, namely 1) Biogas plant – Nobel Exchange and 2) E-waste recycling facility (to be confirmed). <b>Please report at the venue at 7.30. After the breakfast the team will start at 8am, please write to us in advance to book you seat.</b>				

**You are cordially invited to work actively for the 6<sup>th</sup> IconSWM 2016;**

**Those who are interested to work in the organising committee in the 6<sup>th</sup> IconSWM 2016, kindly submit your name and contacts at the Technical Desk and mail it to : [conference.iconswm@gmail.com](mailto:conference.iconswm@gmail.com)**

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