

NEWS LETTER

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INDUSTRIAL WASTE MANAGEMENT ASSOCIATION

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Manager, IWMA.

Message from Editorial Team

Industrial sector in Tamilnadu has been working tirelessly to restore the ecological equilibrium while targeting to reach the designed production capacity with product quality of global standard. The industry bound to discharge the solid, liquid and gaseous wastes during the manufacturing process. The wastes are being managed at the ETP / CETP levels to the satisfaction of pollution control regulatory bodies. Thus, the environmental technologies are need to be upgraded to meet the standards prescribed by pollution control authorities. Hence, industries require guidance to overcome the environmental issues emerged from industrial activity due to change processes, Non Governmental Organisations or from pollution control agencies. Industrial Waste Management Association was formed in Tamilnadu as a non profitable organization to resolve the environmental issues confronting the industries. The association activities do not limit with only providing the technologies for the waste management. The association has been screening the best technology for the waste management at the industrial level or at the cluster level, creating platforms for the interaction between industry and experts in environmental related areas, deliberations of case studies and providing opportunities to learn the best practices for environmental management. Now, IWMA is one step ahead to bring the environmental related messages to the door step of industries through News Letter. The News letter focuses on dissemination of technologies developed for the management of wastes, modification of existing technologies to maximize the efficiency, awareness creation for energy optimum environmental technologies and possible approaches to minimize solid waste generation. The News letter will also contain the sector wise environmental issues and road map followed to mitigate the issues.

Many more thought provoking solutions for the environmental challenges are in the stream to reach the IWMA members to drive them for enhanced production with credible harmony in environmental cycles.

Dr. G. Sekaran



CHAIRMAN'S MESSAGE

Dear members,

I am extremely pleased to greet all members of IWMA through inaugural Newsletter and share my thoughts on what is probably the most important topic of our generation – Environment.

As we all know from the science we have studied at school, Nature has developed the most amazing processes for sustainability on earth – the Carbon Cycle, the Nitrogen Cycle, the Water Cycle being a just few examples. The common word in all these terms is, Cycle.

It is important that we in industry recognize the value of this word. Put simply, just as Nature has been doing for billions of years, we in industry must also develop our designs and manufacturing processes to recycle as much of resource as we can. By this, we would have reduced the quantity of waste and thereby reduced the load on Mother Nature. This will not happen overnight, but if we begin with sincerity now, we will soon be finding excellent ways to use our resources better. This will also make a lot of economic sense and will benefit each of us from the smallest to the largest scale companies.

IWMA's initiatives over the past decade and more years have all been directed towards protection of the Environment, and the Association itself has endeavored to create an active network of industry professionals who work towards the highest standards of Environmental Management.

This Newsletter is one more initiative towards improving that vibrant network, and I invite all members to actively and selflessly participate in a spirit of mutual sharing and collaborative working.

With best wishes,

S. Mani



“Less Pollution Is The Best Solution”



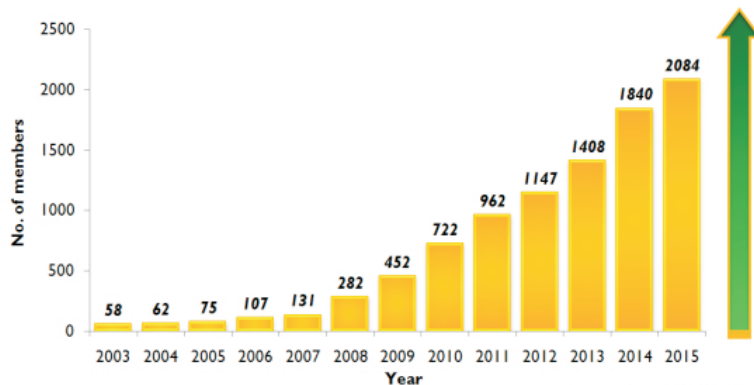


SECRETARY'S MESSAGE

I am happy and privileged to interact with all the members through the first news letter. IWMA would like to interact with members and address their environmental related concerns / problems through a programme namely "IWMA - INDUSTRY INTERFACE" . We would like to carry out this programme with the help of research institutes like central Leather Research Institute (CLRI) , Central Electrochemical research institute, (CECRI) and academic institutes like, IITM and Anna university. In this connection, IWMA sought your support. We have circulated a letter asking industries to identify environment related problems like waste water treatment, waste disposal. etc., We are also in the process of planning series environment related training programmes. In order to progress towards sustainable development and protect the environment we i IWMA seek your suggestions and support.

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION MEMBERSHIP

Honorable Supreme court (SC) recommended setting up of Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF) to prevent the indiscriminate disposal of Industrial waste. Based on the recommendation Tamil Nadu Government decided to form a body of representatives from industries to coordinate the disposal of Industrial waste. Tamil Nadu Pollution Control Board (TNPCB) directed the industries to facilitate establishment of CHWTSDF. In compliance, Industrial Waste Management Association was formed and registered in 2002. The Industrial membership was started with 35 industries in 2002 and currently it stands with more than member 2000 industries. Apart from Industries, Government bodies, Government institutions and Public sectors undertaking like Corporation of Chennai, Indian Institute of Technology, ICF, TNPL, BHEL, ONGC, etc., were also utilizing the CHWTSDF facility for disposing their Hazardous waste.



As on Sep, 14, 2015

SEMINAR ON ENVIRONMENTAL REGULATIONS AND BEST PRACTICES

Seminar on Environmental Regulations and Best Practices have been scheduled on 26th September, 2015 at GRT Grand (GRT Convention Hall), Sir Thayagaraya road, T. Nagar, Chennai.

Mr. J. Stephan Sudhakar, Vice President, Hyundai Motor India Limited, sriperumbudur will grace the function as Chief Guest.

Speakers such as Mr. Goutham Reddy, CEO & MD, Ramky Enviro Engg. Ltd. Mr. R. Dhanasekar, Scientific Officer, TNPCB, Mr. Ramasubramanian from Sundaram Fastners, Mr. PradeepKumar from TUV NORD and Dr. Ramesh Babu from CECRI, Karaikudi will be presenting on the recent developments in environmental regulations and they will share about the best practices carried out in their industries.

13th ANNUAL GENERAL MEETING

13th Annual General Meeting have been scheduled on 26th September, 2015, at GRT, Grand (GRT Convention Hall), Sir Thayagaraya road, T. Nagar, Chennai.

The Following points will be transacted during the meeting.:

To consider and adopt statement of affairs of the association as on 31st March 2015, receipts and payments and income and expenditure for the period ended 31st march 2015.

To Consider and appoint auditor for the association and fix their remuneration. M/S. Varadarajan & Co. is eligible for re-appointment and they have expressed their willingness for re-appointment.

Election will held for the post fell vacant for the Executive Committee members under Large – 4, Medium – 2 and Small – 1.

The following resolutions will be placed before AGM and passed:

The Executive Committee has proposed to create Vice Chairman post, subject to approval of General body meeting.

Resolved that, as the members strength is steadily increasing and it reached more than 2000 members it was decided by the Executive Committee to increase the strength from 14 to 16 to have equal representatives from all the sectors as well as industry wise.



CHWTSDF OPERATION

Tamil Nadu state has only one common hazardous waste treatment storage and disposal facility cater to the needs of all industries. The facility has Land fill and a state of art incinerator to dispose incinerable wastes. Facility has obtained consent for 1 Lakh per annum for Treatment and Disposal of Hazardous waste through landfill and incineration of waste with the capacity of 1 T. / hr. situated at Gummidipoondi. The site was operated with the service provider namely Tamil Nadu Waste Management Limited (TNWML). With the constant increase in disposal of Hazardous waste at TNWML the current Hazardous waste quantity disposed in land fill stands at over 2.7 Lakh M.T. Four cells already completed and 5th Cell started with the approval of Indian Institute of Technology Madras. TNWML Cleared 6000 T. of sludge from CETP Ranipet with in 2 months time from the accident site which was occurred few months back. As part of oxygen generation TNWML facility plantation record hold more than 10,000 trees in its campus supporting the environment. TNWML gummidipoondi facility will be upgraded with AFRF facility soon. In the latest developments.



LAND FILL CAPPING



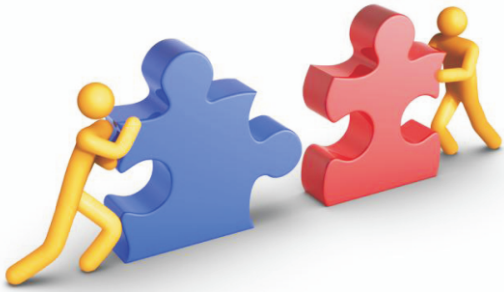
GREENERY



5th CELL UNDER CONSTRUCTION



“Earth is not a gift from our parents, it is a loan from our children”



IWMA COLLABORATORS

CENTRAL LEATHER RESEARCH INSTITUTE (CLRI):

IWMA have entered into an Memorandum of Understanding (MOU) with CLRI, The MOU have been renewed for the year 2015 – 16. With constant support of Dr. G. Sekaran, Chief Scientist, Environmental Technology division. Industries from Textile, Garment, Electroplating, Pharma, Automobile have availed solutions for their environmental and process recovery related problem. More over IWMA conducted Workshops for Electroplating associations such as Electroplaters and Metal finishers association of Tamil Nadu (EMFAT), Madurai and Coimbatore District Electroplating Association (CODEA) Coimbatore during July and November 2014. Plans for conducting one day seminar for Association of All Textile Process, Erode proposed to scheduled in October 2015. Industries and associations are welcome to utilize the service provided by IWMA.



CLRI Central Leather Research Institute
Council of Scientific and Industrial Research



Discussion with Association of All Textile Process, Members Erode.

Textile Sample analysis for ATP Association, Erode.



INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IITM):

IWMA have collaborated with Prof. Ligy Philip, Environmental and Water Resources Engineering Division, towards feasibility study on disposal of salt disposal into marine waters.

Elevated Solar Evaporation Pan (ESEP) has been advocated by Tamil Nadu Pollution Control Board for all the industries dealing with solar evaporation, IWMA in collaboration with Prof. Devdas Menon, Department of Structural Engineering were developing standards for construction a best design for ESEP. In this process of developing a software to constructing ESEP. This software will be available for industries at www.iwma.in



ANNA UNIVERSITY & CENTRAL ELECTRO CHEMICAL RESEARCH INSTITUTE, (CECRI), KARAIKUDI :

IWMA is intended in working with Anna university and Central Electro Chemical Research Institute (CECRI) to solve industries Environmental pollution related problems in this process IWMA extended interest making MOU with CECRI.





YOUNG ENVIRONMENTAL SCIENTIST AWARDS - 2016

Young Environmental Scientist (YES) Awards program was conducted by IWMA every year in collaboration with Prof. T. S. Natarajan, Indian Institute of Technology Madras, Chennai. Call for participation in Young Environmental Scientist (YES) Awards – 2016 was done on 19th July, 2015. Dead line for receipt of proposal was on 20th September, This year the YES Awards were extended to Coimbatore apart from Chennai. We have received approximately more than 100 projects from 75 schools. Evaluation and selection of projects is in the process and will be announced before 30th September 2015. The results can be viewed at www.iwma.in. For the selected projects Mentoring Session 1 will be conducted at Indian Institute of Technology Madras, The Projects selected will be mentored and guided by experts from IITM, IWMA

Sl. No	Schedule	Date
1	Receipt of Proposal	20 th Sep 2015
2	Announcement of Selected Project	30 th Sep 2015
3	Work shop for shortlisted Projects	17 th Oct 2015
4	Work shop for shortlisted Projects	31 st Oct 2015
5	Due date for submission of projects	14 th Dec 2015
6	YES 2015 Awards	30 th Jan 2016

ENVIRO - 2015

Enviro program was conducted by IWMA every year in collaboration with Science Olympiad Foundation. This year Enviro – 2015 program was held on 18th & 19th of July, 2015 at IC & SR auditorium, Indian Institute of Technology Madras, Chennai. This year Dr. Sultan Ahmed Ismail, Soil Biologist & President of Eco Science Foundation chaired the function as chief guest. Science Awareness Work shop was conducted to mentors from various schools by Prof. T. S. Natarajan, Indian Institute of Technology Madras, Chennai. More than 70 Schools and 400 children were participated in the event, Competitions such as Collage making, Just a minute and Debate were conducted.



Public Notice on Draft Waste Management Rules, 2015

1. Read More for Public Notice.
<http://www.moef.nic.in/sites/default/files/Draft%20waste%20management%20rule%201072015.pdf>
2. Bio-Medical Waste (Management & Handling) Rules, 2015.
<http://www.moef.nic.in/sites/default/files/Bio%20Medical%20Waste.pdf>
3. Solid Waste Management Rules 2015.
<http://www.moef.nic.in/sites/default/files/Solid%20Waste%20Management%20rule.pdf>
4. Plastic Waste Management Rules, 2015.
http://www.moef.nic.in/sites/default/files/Plastic%20Waste%20Management%20Rules%202015-forPrinted%20version_0_0.pdf
5. Fly Ash notification, 2015.
http://www.moef.nic.in/sites/default/files/FLY%20ASH%20notification_0.pdf
6. E-waste (Management) Rules, 2015.
http://www.moef.nic.in/sites/default/files/notified%20ewaste%20rule%202015_1_0.pdf
7. Draft Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2015 - English version.
<http://www.moef.nic.in/sites/default/files/HWM%20Rules%202015-English%20version.pdf>
8. Draft Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2015 - Hindi version
<http://www.moef.nic.in/sites/default/files/HWM%20Rules%202015-%20hindi%20version.pdf>

Draft notification on the various Standards.

1. Fertilizer Industry
<http://www.moef.nic.in/sites/default/files/Fertilizer.pdf>
2. Paint Industry
<http://www.moef.nic.in/sites/default/files/Piant%20Industry.pdf>
3. Sugar Industry
<http://www.moef.nic.in/sites/default/files/Sugar%20Industry.pdf>



4. Pulp & Paper Industry
<http://www.moef.nic.in/sites/default/files/Pulp%20%26%20Paper%20Industry.pdf>
5. Cement Plant with co-processing of wastes
<http://www.moef.nic.in/sites/default/files/Cement%20plant%20with%20co-processing%20of%20wastes.pdf>

Draft notification declaring Eco-sensitive Zone

1. SO 1780(E) [30-06-2015] : Draft notification declaring Eco-sensitive Zone around the Son Ghariyal Wildlife Sanctuary in the state of Madhya Pradesh.
http://www.moef.nic.in/sites/default/files/SO%201780%2030-06-2015_0.pdf
2. SO 1447(E) [26-05-2015] : Draft notification declaring Eco-sensitive Zone around Bir Shikargarh Wildlife Sanctuary in the state of Haryana.
http://www.moef.nic.in/sites/default/files/SO%201447%2026-05-2015_0.pdf
3. SO 1657(E) [22-06-2015] : Draft notification declaring Eco-sensitive Zone around Bir Gurdialpur Wildlife Sanctuary in the state of the Punjab.
http://www.moef.nic.in/sites/default/files/SO%201657%2022-06-2015_0.pdf
4. SO 1450(E) [01-06-2015] : Draft notification declaring Eco-sensitive Zone around Pakhal Wildlife Sanctuary in the state of the Telangana.
http://www.moef.nic.in/sites/default/files/SO%201450%2001-06-2015_0.pdf
5. SO 1779(E) [30-06-2015] : Draft notification declaring Eco-sensitive Zone around Bir Bhunerheri Wildlife Sanctuary in the state of the Punjab.
http://www.moef.nic.in/sites/default/files/SO%201779%2030-06-2015_0.pdf



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Recycling



Rain water harvesting



domestic garbage mgmt.



Water conservation



Climate change



Renewable energy



Global warming



Waste reduction