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RANCHI | Friday, January 22, 2010 | [Email](#) | [Print](#) | ★★★★★

Seminar on e-waste starts at NML

Pioneer News Service | Jamshedpur

A two-day seminar on 'Electronic-waste' at the National Metallurgical Laboratory (NML), Jamshedpur was inaugurated by the Director, Research and Consultancy, World Environment Foundation.

Around 60 delegates from different fields like industries, academia, NGOs and research institutions across the country will participate in the seminar. About 35 technical papers including seven keynote lectures will be presented.

KK Bhattacharyya, co-chairman of the seminar said, "The seminar has been divided into six technical sessions. The session will summarise the major findings/observations of that session and have a discussion with the delegates. This will be followed by a formulation of the recommendations of the house."

NML's acting director, Sukomal Ghosh while welcoming the gathering said; the emerging issues associated with E-waste and the method of disposal of e-waste is still very rudimentary in India. A protocol for disposal, collection, disassembly, sorting and recycling of e-waste needs to be addressed, second it contains hazardous metals such as Pb, Cd, Cr, etc and non-metallic constituents like acrylic and phenolic resins, brominated flame retardant, epoxides and phenols), plastics and coated glass, ceramic and other materials. This is an environmental problem and third these are high value waste containing significant amounts of Metal (Cu, Pb, Sn, Ni, etc) and precious metals (Au, Ag, Pd, Ta, etc) leaving ample scope for their recovery.

He went on to add that NML Jamshedpur is engaged in developing a complete, indigenous and environment-friendly technology for recycling of e-waste from disassembly to processing of e-waste for recovering metal values, reducing health hazards and utilising non-metallic waste.

The e-waste recycling research at NML was initiated in 2005. Encouraged by the early findings from this work, an application was submitted to the Ministry of Information Technology which was approved in 2007. NML has made substantial progress in the processing of e-waste through this sponsored research. Development of the complete technology is expected in the near future.

Central Institute of Plastic Engineering and Technology (CIPET), Bhubaneswar is paying attention to the recycling of e-waste. Videocon Industries Limited (VIL), Bharuch has also joined hands with us in this research to address the issues related to e-waste.

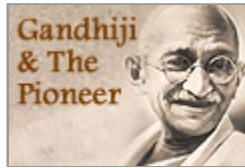
Chief Guest, Dhar in her address dealt on different issues related to e-waste. Her presentation discusses on the various challenges associated with e-waste, environmental, social and technological along with the policy and legislation.

The inaugural function ended with the vote of thanks proposed by Avimanyu Das, the convener of the seminar.

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