

## **REPORT OF NATIONAL ENERGY CONSERVATION DAY -2013.**

Like every year, this year also The Institution of Engineers (India), Jharkhand State Centre, celebrated the 'National Energy Conservation Day' on 14<sup>th</sup>. December 2013. at the Engineer Bhawan, Doranda, Ranchi-2,

The Programme started with welcoming the Chief Guest Er. K.Shahi-General Manager ( Excavation ) –Central Coalfields Ltd., Ranchi, and Guest of Honour Er. C.D. Goswami – DGM Incharge, MECON Ltd.,

The dignitaries were invited at the dias and the Inaugural Lamp was lighted by all the dignitaries present at the dias.

The Convener Er.A. K. Panjiar welcoming the Guests, invited Er.A.K. Saxena Past Chairman on the dias to speak a few words on the event. Er.A.K Saxena delivered a speech about the applicability and conservation of energy in to-day's perspective. He also gave a picture of implementation of conservation of energy in the Power Sector in the last decades and improvement in its use. He also invited the engineers to adopt techniques to improve the system in the manufacturing sector.

The Convener invited the Guest of Honour Er.C.D. Goswami - GM In charge MECON Ltd., Er. Goswami initiated his speech with a Power Point presentation specially on the base Energy Source available its availability vis-à-vis current rate of consumption. He also gave data of how long these source of energy will be available. Like Coal, Gas, Petroleum etc. The speaker has also projected the datas on how other un-conventional source of energy are being explored and developed to adopt in our daily use. He also presented data on work on conservation of energy and how economically the energy and derive maximum out-put from it. He pointed out that workman should be made aware in the work place to use energy in a such a manner, so that maximum out put can be taken out of it. He said that Energy save means Energy produce. So, one should be while using any form of energy,it can be the use of electricity for domestic use or running motor car or cooking Gas

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for cooking purpose, everywhere there is scope of conservation of energy and it helps to save energy for further use. In his lecture he advised all people including the Engineering fraternity to work for improvement of the culture in their respective work place to adopt the policy for conservation of energy which ultimate save National exchequer.

The Convener Er. A. K. Panjiar requested the Chief Guest Er. K. Shahi to deliver a speech on Energy conservation. Er. K. Shahi in his lecture expressed his views, how it is beneficial to core Industries like Coal, Gas & Oil. As he is from the Coal sector, he gave the example the conservation of energy in the production of in under- ground mines and open cast mines. He said that as much as we save any form of energy, we are producing Energy. As all source of energy has got limited like coal reserve has a Life of 200 yrs. Oil has life of 50 yrs and Gas reserve has a life of 35 Yrs. So we have to search out new source of energy and the current trend is to explore the Non- conventional sources like Wind power, Solar power, Bio Gas etc. These will help us to fulfil our future requirement of energy. So, it is an advise to all engineering entrepreneurs who are in the place of manufacturing sector, they should try to adopt ways & means to save and conserve energy in their respective work place.

Then the Convener , invited Er. S. C. Vishwakarma of CCL, to conduct the Quiz Programme based on Energy Conservation . Er. Vishwakarma addressed the audience and put up questions on various Energy conservation related points and persons from audience gave answers. Small gifts were presented.

Then the mementoes were presented to all the dignitaries and at last Vote of thanks were given out the Hony. Secretary Er. Subrata Mukherjee and after his vote of thanks, he invited all dignitaries and invitees to have the refreshment.

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