

## **SIES INDIAN INSTITUTE OF ENVIRONMENT MANAGEMENT**

### **Report on the event on 'World Environment Day' on 5<sup>th</sup> June, 2016 at SIES, Nerul Campus**

SIES-Indian Institute of Environment Management celebrated World Environment Day on 5<sup>th</sup> June, 2016 at SIES, Nerul Campus in a grand way at SIES Nerul Campus. A seminar on 'Environment Management for Sustainable Development' and an alumni meet was organized on this occasion.

The celebration started with tree plantation. Nearly 120 trees (20 of Ashoka and 100 of Champa) were planted in and around the SIES campus at Nerul in the morning between 0830 hrs. to 0930 hrs with active participation by wide cross-section of people from campus including the Chief Guest. This was followed by breakfast.

The seminar commenced at 1030 hrs at SIES School of Packaging Auditorium. Total 35 participants were registered in the event. Dr. Saumya Singh, Adjunct Faculty, IEM, anchored the programme.

Chief Guest of the function was Mr. Mohan Dagaonkar, Chief Engineer, Navi Mumbai Municipal Corporation. Mr. S.V.Viswanathan, Joint Hon. Secretary, SIES also graced the occasion. Thirty three participants, including alumni of IEM were present during the seminar.

Dr. Seema Mishra, Director, SIES-IEM welcomed the gathering and gave a presentation on the academic, research and training activities of IEM since its inception. She also announced that IEM is organizing an International Conference in the month of January, 2017 and sought the cooperation of all the participants. Dr. C. Srinivas, Adjunct Faculty of IEM talked about the proposed research projects for the next three years.

Mr.S.V.Viswanathan talked about the importance and significance of the Environment Day.

Chief Guest, in his address, spoke about the commitment of NMMC for environment and the steps it has undertaken in the recent past. He has shown interest to collaborate with IEM in some of the issues such as bio-remediation of lakes in the Navi Mumbai area. He also offered that the students of IEM can come to their laboratories for training in the environment-related work. He appreciated the academic and research work IEM is doing in the field of environment. He also offered his support and cooperation for conducting the upcoming international conference on Environment in January, 2017 organized by IEM at Navi Mumbai. He released soft copy of the volume II, issue 2 of the IEM's Environment Magazine on the occasion.

The lecture series consisting of five lectures started with the one by Shri. Viswanathan. He talked about 'Environment Management for Sustainable Development'. He stressed the importance of sustainability in the context of environment management. He described the various concepts in this regard and explained them. He talked of the integrated system approach in this context.

The theme of the Environment Day, 2016 was 'Go Wild for Life'. In tune with the theme, Ms. Vaibhavi Shitut Amle, Head, WWF-India gave a lecture on role of CSR Activities in Wildlife Conservation. She described, in detail, the illegal poaching and trading of wild animals and their bodies in the country in spite of the best efforts of the Government and NGOs such as her trust. She described how their institution is working jointly with the Forest Department in addressing this grave situation. She cited the good support of corporate bodies, as a CSR activity, in the country and abroad to support the cause. She said there is a greater need for enhanced CSR support to address this menace.

Mr. Prathamesh Raichura, Director, Climate Change and Sustainable Services, of KPMG, Mumbai gave a presentation on 'Current perspectives and future challenges in climate change and sustainability'. He is, incidentally, alumnus of the SIES-IIEM. He talked about the grim situation the world is currently facing in terms of climate change. He said that the year 2015 has recorded maximum ever temperature. He also said that there is already global warming by 1°C. If it increases further by another degree, the consequences will be disastrous. He referred to the global meet at Paris in 2015 by world leaders to take remedial actions on an urgent basis.

He said that unless the humanity takes urgent actions in this regard, the consequences will be beyond control. In this context, he narrated the activities of KPMG worldwide to audit carbon foot print and other issues. He said that the current environmental challenges offer very good business opportunities and should be looked as such for sustenance of the activity.

Mr. Pramod Dabrase, Director, Centre for Sustainable Environment and Development Initiatives gave a lucid presentation on 'Current issues and Challenges in Sustainability'. He said that the present solid waste management practice in the country is pathetic though the Government has passed various laws in this regard with right intentions. He said that the situation in Navi Mumbai is much better compared to other regions in the country. He said that, in principle, more than 99% of the solid waste can be recycled for good use. He narrated how this can be achieved by examples. For example, e-waste contains valuable components like ferrous metals, plastics etc. They can, all, be recovered and recycled. Construction debris can be recycled in the form of Paver blocks. Bio-degradable household waste can be easily converted into methane gas for power generation. Plastic waste can be recycled. The main emphasis, he said, should be to reduce, recycle and reuse the waste. He said that importance of segregation of household waste should be realized by every individual for better management of the solid waste.

Mr. C.V.Gopalakrishnan, Purchase Director, SIES, talked on 'Efforts in Energy Conservation at SIES, Nerul Campus'. He said that much of the electricity consumption has been happening at SIES, Nerul Campus. He said that electricity charges are one of the major expenditure for SIES and in the financial year 2014-2015, nearly three cores were paid towards these charges. With the active support of SIES management, a small group has been formed with technical help from our engineering department to analyze the cause of this problem and reduce the expenditure. It was realized that power factor should be improved to mitigate this problem. Accordingly, capacitor banks were installed and the power factor was brought to unity from around 0.9. He also said that balancing of different loads was also done to salvage the situation. He said that in

the year 2015-16, we have consumed more electricity resulting in an increase of 51,357 units, whereas there is reduction in bill value by Rs. 6,53,015/- because of the improved power factor and load balancing.

He also said that as a long term measure to reduce electricity cost, they have decided to install a 100KW solar power plant. They have started the pilot plant in November 2015 and inaugurated it on 12-01-2016. It is generating 13,500 units monthly. As a result of this initiative, there will be saving of around Rs. 16 lacs annually on electricity charges with this installation. He said that they are scaling up the initiative of saving the electricity on the demand side by reducing the utilization during peak hours.

Dr. Devayani Savant, Deputy Director, SIES-IIEM, conducted the Alumni interaction session after the technical lectures. She gave the details of the various diploma courses and the student numbers conducted by IIEEM in the previous years. The alumni members introduced themselves and their current job profile. They lauded the efforts and mentorship of IIEEM faculty. Many of the alumni are currently highly placed in India and abroad.

Dr. Saumya Singh, Faculty, IIEEM, proposed vote of thanks.



**Plantation by Chief Guest Mr. Mohan Dagaonkar, Chief Engineer, NMMC**



**Plantation by Mr. Sunil Belvekar, Alumni (PGDSEM 2013- 2014)**



**A view of Seminar on World Environment Day 2016**



**Presentation on Climate Change and Sustainability by Mr. Prathamesh Raichura, Director KPMG**



**Participants in the event**