



POORNIMA
COLLEGE OF ENGINEERING

Department of Mechanical Engineering

April 22, 2016

A Brief Report of National Seminar on Innovative Green Technologies for Sustainable Sanitation, Health & Environment “IGTSHE - 2016”

Department of Mechanical Engineering & Applied Science of Poornima College of Engineering organized a National Seminar on **“Innovative Green Technologies for Sustainable Sanitation, Health & Environment” (IGTSHE - 2016)** on April 22, 2016 (**World’s Earth Day**) with technical support of ASHRAE, ISHRAE, ISTE and ISST on the occasion of International Earth Day.

The aim of the National Seminar was to accumulate and share innovative ideas, precious knowledge and unique experiences for benefits of researchers, business representatives, academicians and participants.

Dr. Om Prakash Sharma, Director, PCE welcomed all the dignitaries and participants in the national seminar and presented his views upon promotion of International Earth Day in small institutes / organizations. At the end, he thanked all the dignitaries for sparing their valuable time and participants for their active participation.

Dr. Lalit Kumar, Senior Vice President, Sulabh International Social Service Organization, Delhi was the Chief Guest for this Inaugural session. He delivered the idea of Sulabh Sauchalaya which are two pit, pour-flush compost toilets and economic ways to achieve it. He expressed that Innovative Green Technology (IGT) will be the next generation which involves pollution free generation, paper-free computing & information transfer and etc.

Dr. S.M. Seth, Chairman, Poornima Foundation delivered the words of wisdom in which he emphasized on global warming and climate changes. He expressed that energy will be the next big crisis for the world and advanced planning must be done such as for Solar Energy in which Rajasthan can do miracles as Germany did in the field of Geothermal Energy. There is a need to make the next generation safe and prosperous.

Key note address was delivered by Dr. Arun Kansal, Head, Coca-Cola Department of Regional Water Studies and Prof, Civil Engineering, GBU, Noida in which he highlighted the key issues of current scenario of Sanitation, Health and Green Technology.

Eighty one (81) research papers on various issues such as Renewable Energy, Green Building, Water Treatment, Sanitation, Sustainable Environment, and Green Chemical Technologies were presented in oral & poster form in 5 Technical Sessions i.e. Session I - Sustainable Environment; Session II - Sanitation, Health & Environment; Session III - Green Chemical Technologies; Session IV - Innovative Technologies and Session V – Poster Competition.

300 Researchers & Scientists from various Institutes / Organizations such as University of North Bengal, Darjeeling; R&D Lab Antarctica, Delhi; Amity University, Noida; NESI, New Delhi; GBU, Greater Noida & etc. from various part of India were together to share their opinion. **Two papers of International Research students from Nigeria & Brazil were also presented during the Technical Session.**

