

The Institution of Engineers (India)

U.P. State Centre, Lucknow

Report on 'World Environment Day'

The Institution of Engineers (India), U.P. State Centre celebrated World Environment Day on 05TH June 2017 in its premises. Chief Guest Shri Ravi Bhargava who is a noted environmentalist & Chairman, Ecomen Laboratories Pvt. Ltd was the Chief Guest while addressing the gathering said that we have to ponder on action needed to correct the alarming situation of environmental pollution. This year's theme of Environment Day -"Connecting People to Nature", is to explain and thus motivate us, to go outdoor and into nature. He further suggested to be with nature indoors too. He explained that an ecosystem is made of both living (biotic) & non-living (abiotic) components & ecosystem functions & services are crucial to human survival. An Ecosystem's components /surroundings define its Environment which includes natural resources, such as air, water, soil, atmosphere, all living organism (animals, plants, people),the built environment.



A view of event

Nature, in the broadest sense, is the natural, physical, or material world of universe. Natural environment will include Earth, Air, Water, Sun, Rainfall, Animals, Plants, Rocks, Forest etc. Although humans comprise only a minuscule proportion of the total living biomass on Earth, the human effect on nature is disproportionately large. Man made threats to the earth's natural environment include – Pollution, Deforestation & Disasters (Oil spill etc.) If we understand nature and connect with it in day to day life & adopt Ecofriendly Life Style, – we will be Big Gainers. He further suggested to be with Nature and enjoy blessings of the nature we should assess Environmental Foot Print of our home. We should also think to connect the students with nature and environment. We should volunteer our services in our area of expertise to help students to implement the school learning into ground reality in the school campus, or their home or their colony. Another gift of nature- animals and birds have a very beneficial and healthy impact in our mind and soul. Nature has given us many assets – air which is life sustainer. A person inhales oxygen equivalent to approx 3 cylinders per day. 1 oxygen cylinder is Rs 700/-. For three cylinders,

it is Rs 2100/-, that means Rs 7,66,000/- per annum i.e for average life of a person of 65 years approx Rs 5 crore. That is the value of air, which we get free from nature. Water is divine elixir (Amrit) which is also life sustainer. Nature has gifted us Trees, Plants with numerous, varied uses. It has been observed that wherever a green cover has been created, there is rise in ground water level. It is estimated that 10,000 ha of good forest/greenery, helps in percolating as much water as in the Bhakra-Nangal Reservoir. Most of us live, along the road in front of our home, exposing us to Dust, Gases and Noise. By utilizing nature, we can prevent & reduce pollution by planting relevant plants, properly. *One neem tree is equal to ten air conditioners* and worth 24000 to 30,000 US dollars in the economic service it renders in its life time. Moreover, use of neem controls pests in a Gandhian way. The neem plant is a source of "village medicine" due to its wide range of benefits to human health and the environment. Peepal is a veritable storehouse of pure air, emitting oxygen round-the-clock. Tulsi is a very environment-friendly. Tulsi can rightly be termed as one of the most commonly and widely used ingredients in many Indian [home remedies](#). Are you aware that your health could be seriously threatened in your own home? The indoor air system remains pretty much polluted as it is – with all contaminants trapped inside. Unfortunately a common person remains woefully ignorant of the hazards he faces at home. Proper indoor plants are very effective at removing numerous pollutants. Birds are called the "avian litmus paper", the health of their population mirrors the soundness of the broader ecosystems and environment in which they live and we live. NATURE has a perfect system of GIVE & TAKE. If we connect with it, we can share its beauty & bounty like Energy, Medicines & Eatables for Health & Happiness. Or We opt to Perish by Global Warming. An easy, effective & essential first step to connect with Nature is to 'PLANT TREES', not only on World Environment Day but always, wherever & whenever possible. Sri V. B. Singh, Council Member & Past Chairman informed that World Environment Day is celebrated since 1974 every year on 5th June as per direction of UNO to create awareness in general masses about the threat of Environmental Pollution. He further expressed concerned about the decision of USA to pull out from Paris Agreement. Earlier Shri Bharat Raj Singh, Chairman of the Institution of Engineers (India), U.P. State Centre welcomed the guests and the participants and informed about the objects of the World Environment Day. The celebration ended with a vote of thanks by Er. R. K. Trivedi, Honorary Secretary.