



# Green ThinkerZ<sup>TM</sup>

A Research Project By: **Er. Tanvir Singh, Dr. Sapna Mehta**  
***A Step Towards Environmental and Social Sustainability***

Green ThinkerZ is a registered society under Societies Registration Act (XXI of 1860) with an aim to establish Technological Developed but Socially and Environmentally Sustainable World by addressing following Issues



**Gadget Addiction**



**Carbon Footprints**



**Electronic Waste**



**Green Technologies**

## Environmental Issues



**Plantation Drives**



**Girl Child Empowerment**



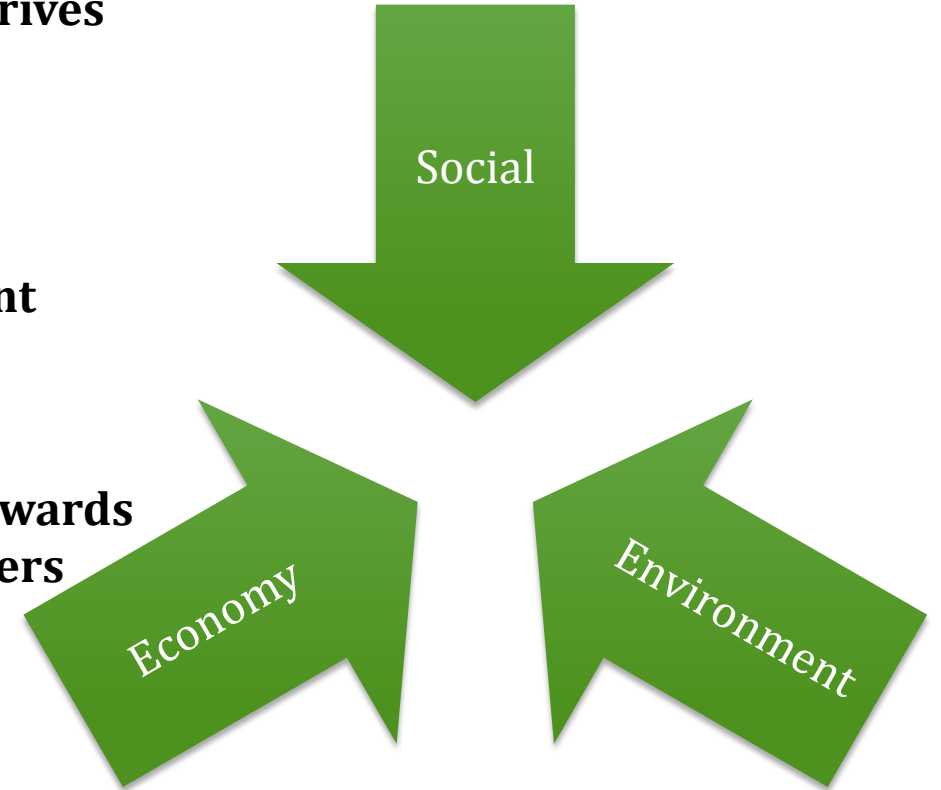
**Humanity towards Road siders**



**Compassion towards Elders/Orphans**

## Social Issues

*Sustainable Development*



## Social Sustainability Events

- ❖ Developed a Short film “SATKAAR” to showcase the importance of Elders (Parents & Grandparents) in our life (November 2016)
- ❖ Social campaign was undertaken at Sukhna Lake, Chandigarh in the lieu of International Girl Child Day (October 2015)
- ❖ Participation in Trekking of 8Km during International Wildlife Week at Sukhna Wildlife Sanctuary
- ❖ Celebration of World Elderly Day on 1st October 2015 at Mata Kheewi Old Age Home, Patiala, Punjab
- ❖ Visit to Government Industrial Training Institute for women situated in Radiala, Kharar, Punjab for distribution of much needed stationary items under the project of Girl Child Empowerment (January 2015).
- ❖ Mass Plantation Drive on “World Environment Day” by all the members of Green ThinkerZ Society – 5th June 2014
- ❖ Workshops on “Domestic Waste Management” in the villages of Mohali District, Punjab (2014).
- ❖ Green Diwali Campaign to promote environmental sustainability (2014)
- ❖ Water for Birds – A Noble cause to give back to nature as per Teachings of our Gurus in scriptures.
- ❖ Green ThinkerZ Society organized a donation camp for flood victims in Jammu and Kashmir at Mohali, Punjab (Sept., 2014)
- ❖ Visits to Pingalwara, Palsora Branch, Chandigarh to donate for the mentally and physically challenged patients (6 Visits till date) & Distribution of woolens among the roadsiders and slum-residers (January 2015).

## Environmental Sustainability Events

- ❖ International Conference (IRSD 2016) and LaTeX Workshop at NITTTR Chandigarh in association with Spoken Tutorial IIT Bombay, 1-2 December 2016
- ❖ Invited Talk on “Sustainability in Wireless Communication Networks” during International Conference (RTDES 2016) at NITTTR, Chandigarh (20 May 2016)
- ❖ Expert Lecture on “Harmful effects of mobile and Wi-Fi radiations” at Thakur College of Engineering, Mumbai.
- ❖ Invited Talk on “Sustainable Mobile Usage” at Bhaddal Institutes, Ropar, Punjab.
- ❖ Invited Talk during 7 Days NSS Camp at Sri Guru Gobind Singh College, Chandigarh for delivering lecture on "Mobile Addiction and Its Sustainable Usage".
- ❖ Seminar on “Gadget Addiction” at Shivalik Public School, Mohali, Punjab
- ❖ Technically Sponsored by IETE: National Workshop on Promoting Research Culture in Educational Institutions on 29th November 2014 in association with Lingaya’s GVKS Institute of Mgt. & Tech., Faridabad, Haryana,
- ❖ Invitation to address the young audience for “Green Jobs, Inspiring stories and Entrepreneurship”, in Catalysts Workshop at Sri Guru Gobind Singh Khalsa College, Chandigarh in association with Indian Youth Climate Network (IYCN), Embassy of Federal Republic of Germany and giz.
- ❖ Faculty Development Program organized in association with the Computer Science Department at Lovely Professional University, Jalandhar (Punjab) on 27th November 2014.
- ❖ Research Association with International Conference on Advances in Computer Science, Electronics & Communication Technologies (ACSECT-2015), 17th January 2015, Bangkok, Thailand.
- ❖ Published and Presented Research papers in International Journals and Conferences on Sustainability Issues and Energy Optimization in Mobile Communication and environmental sustainability (2012-2014).
- ❖ Organized International Conference on Interdisciplinary Research and Technological Developments (IRTD 2014) in association with Cosmic Journals at Panjab University, Chandigarh on 1st November 2014
- ❖ Published Book on “Sustainability in Mobile Communication Networks” (2013).
- ❖ Presented a Research Paper on “Sustainability in Mobile Communication Networks”, in INRIT 2012, Bangkok, Thailand and research work got appreciated by TRAI (Telecom Regulatory Authority of India).

## Worked With:



LOVELY  
PROFESSIONAL  
UNIVERSITY



ElectricSense 

