

## Activities 2019

The annual event of the society, Terra '19, was organised on 27th March 2019. The theme of the fest was 'Celebrating the Connect'. The formal session began with a presentation by Dr. Priyanka Kulshreshtha on Extended Producers' Responsibility (EPR). Dr. Priyanka is presently working as Head, Research and Communication, Indian Pollution Control Association (IPCA). Her talk gave useful insights on the theme waste management. This was followed by a talk by Ms. Jyoti Raghavan from India, Green and Wild Initiative. She introduced the audience to the campaign that began after the death of a tigress called "Avni" in the forests of Yavatmal in Maharashtra. What started as a simple Facebook post, has turned into one of the biggest campaigns on deforestation and wildlife conservation. She talked about the need of designing development plans without compromising on the forest cover and our green heritage. Several competitions that were organised included Debator's Retreat- the debate, Slam Poetry Competition and Brain Chop, the quiz competition. As a part of Terra'19, an online photography competition was also organised. All the events witnessed good participation from different colleges. A play on the theme "Celebrating the Connect" was presented by the society members to depict the changing human attitude towards environment that damaged nature. The play was followed by a small cultural program and distribution of prizes/certificates.

In the month of July, with the beginning of new academic session, the registrations were rolled out. A good number of applications were received from environmental enthusiasts to work for the society. Of the 93 applicants, 60 students were finally admitted to the society. On 20th August 2019, an Orientation Programme was conducted for the new members of the society. The teacher conveners as well as the student core team members acquainted the students with the activities conducted last year as well as the activities planned for the year ahead.

This year, students proposed a novel idea of a weekly Group Discussion series on a host of environmental issues. The first group discussion was conducted on 28th August 2019 on the Great Pacific garbage patch, which is actually "two enormous masses of ever-flowing garbage". The issue was first explained by the co-convenor of the society, Ms. Taveri Rajkhoa. Later, the topic was left open for discussion. The main issues discussed were: How did it become a problem, How can it be solved, and its consequences on environment and human life.

On 8th September, members participated in the UN dialogue with Deputy Secretary General Amina J. Mohammed on Sustainable Development Agenda and the need for Climate Action. The event began with Anshul Tewari, the founder of Youth Ki Awaaz speaking on the need to take multiple steps and to create a path not just for ourselves, but for our communities. Only if we follow the maxim of "Think Globally, Act Locally", a change can be brought across the World. Deputy Secretary General took this opportunity to interact with the youth of Delhi on approaches to minimize the impact of climate change. She further spoke on the need of inspiring a new age of leaders and change makers. India, with its youthful population, would be a leader for this long-drawn war for humanity.

In the series of group discussions, the second discussion was held on 18 September 2019. The agenda focused on Unconventional Water Treatment Methods. The participants shared their experiences of water and traditional treatment methods used in their villages and rural areas they visited. The brainstorming session observed ideas and small steps to ensure that water is not polluted at home and in our surroundings in general. Members agreed how going back to our roots is the ultimate way to be in symphony with nature.

The Creative Team updated the society's board on the theme of 'Amazon Wild Fires'. This was set in the background of disastrous fires which burnt the 'Lungs of the World' in the month of August. Amidst the international attention the issue got, the board brought to the forefront the reasons of fire, its implication on ecosystem and the steps to mitigate such disasters in the future, at the national as well as international level.

In the month of September, this session's core project involving individual's Water Footprint Calculation using random sampling technique was undertaken. The society members were divided into 8 teams, each headed by a group leader. The questionnaire adopted for this was simple and dealt with one's day to day activities. A sample of 800 students was taken. The society built behavioral interventions and awareness programmes at the college level, which would be completely data driven using the data mined from the surveys. Enthusiastic participation of the students ensured that the process of data collection was completed within a month. After this, the unique water footprint was calculated using the calculator developed by the researchers at UNESCO-IHE.

This year, students proposed a novel idea of a weekly Group Discussion series on a host of environmental issues. The first group discussion was conducted on 28th August 2019 on the Great Pacific garbage patch, which is actually "two enormous masses of ever-flowing garbage". The issue was first explained by the co-convenor of the society, Ms. Taveri Rajkhoa. Later, the topic was left open for discussion. The main issues discussed were: How did it become a problem, How can it be solved, and its consequences on environment and human life.

On 8th September, members participated in the UN dialogue with Deputy Secretary General Amina J. Mohammed on Sustainable Development Agenda and the need for Climate Action. The event began with Anshul Tewari, the founder of Youth Ki Awaaz speaking on the need to take multiple steps and to create a path not just for ourselves, but for our communities. Only if we follow the maxim of "Think Globally, Act Locally", a change can be brought across the World. Deputy Secretary General took this opportunity to interact with the youth of Delhi on approaches to minimize the impact of climate change. She further spoke on the need of inspiring a new age of leaders and change makers. India, with its youthful population, would be a leader for this long-drawn war for humanity.

In the series of group discussions, the second discussion was held on 18 September 2019. The agenda focused on Unconventional Water Treatment Methods. The participants shared their experiences of water and traditional treatment methods used in their villages and rural areas they visited. The brainstorming session observed ideas and small steps to ensure that water is not polluted at home and in our surroundings in general. Members agreed how going back to our roots is the ultimate way to be in symphony with nature.

The Creative Team updated the society's board on the theme of 'Amazon Wild Fires'. This was set in the background of disastrous fires which burnt the 'Lungs of the World' in the month of August. Amidst the international attention the issue got, the board brought to the forefront the reasons of fire, its implication on ecosystem and the steps to mitigate such disasters in the future, at the national as well as international level.

In the month of September, this session's core project involving individual's Water Footprint Calculation using random sampling technique was undertaken. The society members were divided into 8 teams, each headed by a group leader. The questionnaire adopted for this was simple and dealt with one's day to day activities. A sample of 800 students was taken. The society built behavioral interventions and awareness programmes at the college level, which would be completely data driven using the data mined from the surveys. Enthusiastic participation of the students ensured that the process of data collection was completed within a month. After this, the unique water footprint was calculated using the calculator developed by the researchers at UNESCO-IHE.

Moving out of our comfort zone, our Society members participated in the Global Climate Strike on 20th September 2019. Fridays for Future, Delhi had organised this strike-cum-march from Lodhi Garden Gate no. 1 to the Ministry of Environment. The students protested against the indifference of the governments around the world on the issue of climate change.

To contribute to the cause of stopping single use plastics, the Green Beans Society started a social media campaign in October on 'Ditching Single Use Plastics'. The society generated awareness about these silent killers through social media and other platforms. Poetry, meme and articles were composed by society members to express their views on the topic.

Another group discussion was organised on 23rd October in collaboration with the Sustainable Development Goals (SDG) Council of Global Youth, KNC Chapter. The discussion concentrated on the Goal 7 of the Sustainable Development Goals-"to ensure access to affordable and clean energy for all". A brief presentation on the theme was followed by an interactive session. Deliberations on the role of government and administration, the common masses in handling this sensitive issue were conducted. The discussion also highlighted the technological and infrastructural impediments in accessing clean energy by the developing world. The diplomacy, politics and economics behind clean energy was discussed thoroughly.

On 1st November 2019, the college's composting plant was inaugurated and a short training programme for the students and canteen staff was conducted by Sh. TRN Rao, who has been associated with Swarn Vasudha, an organization working on composting at home feasible for more than five years now. Sh. TRN Rao is a civil engineer by training and a passionate environmentalist. During the workshop, he demonstrated the process of composting using the biodegradable waste from the college canteen.

An awareness workshop on River Yamuna was organised by the Department of Environment, Government of Delhi NCT on 6th November 2019 at the Delhi Secretariat. Two members of the society, Manali Shandilya and Disha Dubey, both from 1st year participated in the workshop along with Dr. Akanksha. The aim of the workshop was to bring awareness amongst school and college students regarding the heavily polluted River Yamuna. Dr. Sanjeev Agrawal began the workshop by putting forward the facts about the River Yamuna as well as basic terms related to watershed development and wetlands. Following this, Ms. Jyoti from the FORCE delivered a lecture on the cultural and economic significance of the River and its rejuvenation. Mr. Vishal Gandhi, scientist at the Central Pollution Control Board revealed some unknown facts about the river. He also brought to our knowledge the ongoing government policies for the rejuvenation of Yamuna. Ms. Nigam Agrawal, Sr. Scientist in the Environment Department, informed the gathering about the environmental concerns of immersion of idols in rivers. She concluded with the guidelines provided by the Honorable National Green Tribunal upon the idol immersion.