

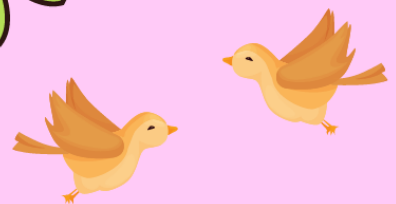
MADHUBAN



MH-VATAVARAN



Shades of Green
The Environment Society
Miranda House



Annual Journal
2020-2021





Sanjwala

Archana

Noor

Ishika

Ishita

Ujala

Gurnoor

Komal

Abhina

the journal committee

When there is teamwork, collaboration and guidance wonderful things can be achieved.

We present here, Madhubanan e – journal, a compilation of the various activities held under MH Vatavaran during the academic session 2020-21.

We would like to acknowledge Miranda House which has provided us unlimited opportunities and exposure. An institution where women are always encouraged to look upon new possibilities. The activities have been possible due to the support and encouragement received from the College. Our special thanks to Principal Ma'am, Sandeep Sir for the IT facilities, Accounts Section, Administration Section, Sri Netinder, Sri Hemant and the College Malis who have always been an integral part of the MH Vatavaran activities.

Prior to the pandemic, the hands on experience at the Paper Recycling Plant, the Composting Unit, the nature walks, the various other events, the face to face interaction with experts in the area of the environment have inspired us to continue spreading the message for the need of a healthy, clean and green environment. During the pandemic year, we realized that just as the environment serves us everywhere we can also serve the environment from anywhere. This realization that the "Environment Starts from Home" motivated us to continue with the best practices of anti-littering, segregating garbage, reducing wastage, recycling, reusing and upcycling, performing green deeds, planting herbs and trees amongst others.

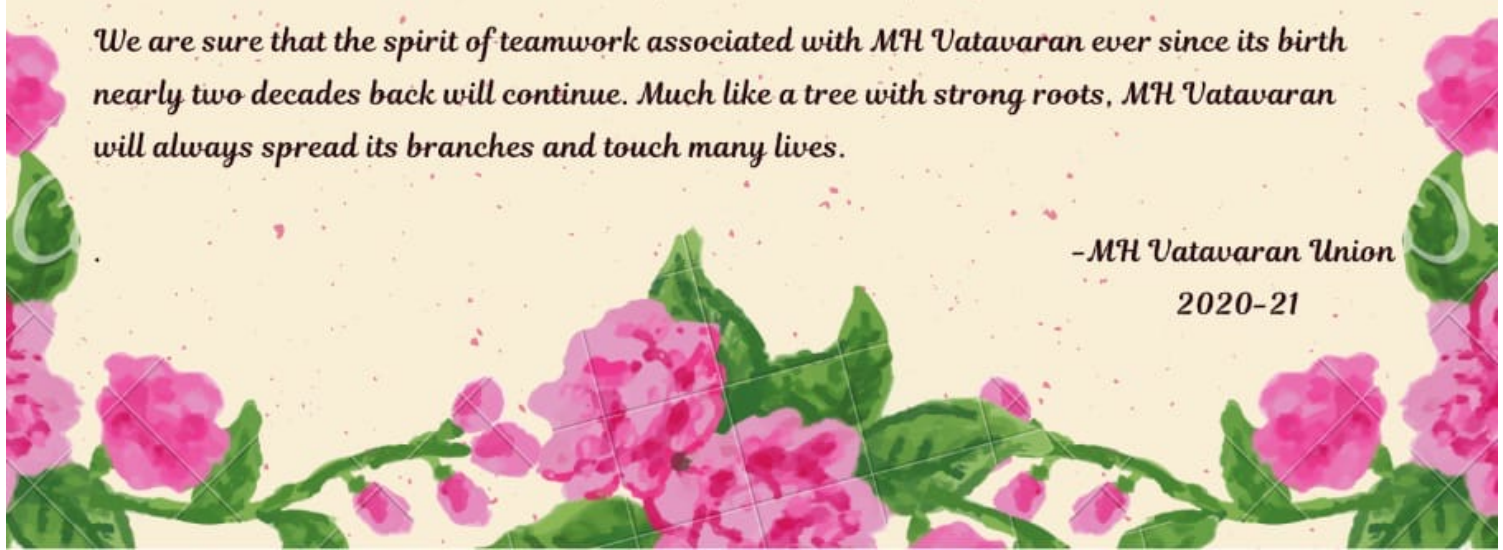
We have all been in this together – the students members of MH Vatavaran, the office bearers Sanjwala, Archana, Komal, Ishika and our faculty advisors – Dr Amrita T Sheikh, Dr Deepali, Dr Jyoti Arora, Dr Mallika Pathak, Dr Monika Arora, Dr Poonam, Dr Simranjit, Dr Saloni Bahri and Dr Sujata Sengupta. We would like to specially mention Abhina, Gurnoor, Noor, Ishita, Ujala for their constant involvement.

Coming together is a beginning. Keeping together is progress. Working together is Success.

We are sure that the spirit of teamwork associated with MH Vatavaran ever since its birth nearly two decades back will continue. Much like a tree with strong roots, MH Vatavaran will always spread its branches and touch many lives.

-MH Vatavaran Union

2020-21





Annual Report



The academic session 2020-21 was truly a unique and memorable one. For the first time in its over two decades of existence did MH *Vatavaran* have a session that was almost entirely online. This was due to the unprecedented COVID-19 pandemic that disrupted lives worldwide. However, we carried on with a host of activities with utmost zeal and turned the lockdown into an opportunity for a variety of green ventures.



The session started with a Webinar (via Google Meet) in collaboration with the Department of Political Science, Miranda House on 28 August 2020. The topic for the webinar was '*The Role and Relevance of Alternative Medicine and Ayurveda in the Context of contemporary Times*'. Prior to the starting of the webinar the participants were shown a short presentation on the activities of MH *Vatavaran*. The distinguished panellists for the webinar were Dr. Bijayalaxmi Nanda, Acting Principal of Miranda House, Professor Madhulika Banerjee, Department of Political Science, University of Delhi and Dr. Harilal Madhavan, Indian Institute of Science Education and Research, Thiruvananthapuram. They enlightened the students on this very pertinent and contemporary topic. The webinar was followed by a word of gratitude for the esteemed panellists and for Dr. Bani Roy, a senior professor from the Department of Chemistry, Miranda House, who had served as the Convener, MH *Vatavaran* for many years.

On the occasion of the World Ozone Day on 16 September 2020, MH *Vatavaran* organised a Poster Making Competition on the theme '*Ozone for life: 35 years of the Ozone Layer Protection*'. Students participated enthusiastically; eighteen entries were received: twelve in the digital category and six in the handmade category. The winners of the competition: a tie for the first position - Akanksha Anand and Aayushi Sahay, the second prize went to Nancy Fevrier, the third prize went to Noor Mankotia while Srishti Goyal and Omja Tiwari received Special Mention Certificates.



This event was followed by *SuperheroU*, a highly innovative competition organized with *Globalshala* wherein volunteers were required to design a superhero that could deal with the present environmental issues.





Wildlife Week was celebrated from 2 to 6 October 2020. On this occasion, the College of Vocational Studies, University of Delhi collaborated with MH *Vatavaran* - keen volunteers from the society attended events such as '*Fun with Fauna*', a film screening and a *Group Discussion Vartalap 2.0*. Apart from this collaboration, MH *Vatavaran* also organised a poetry writing competition in Hindi and English to commemorate the same week. The first prizes went to Anushka Tiwari and Aayusi Sahay. The second to Ojaswita Pant and Gitanjali Sharma and the third prizes went to Anushka Dayal and Raveena.

From 26 October to 1 November 2020, the society organised an '*Upcycling Week*' on the theme '*Innovative Green Living*'. The participants made innovative and useful things out of waste material; they made slippers, lampshades, bookmarks, calendars, folders, hairbands, woollen toys, photo frames! They shared videos of these which were posted on the society's social media handles. This was one of the most interesting events and saw enthusiastic participation from a number of students.

On the occasion of Diwali, MH *Vatavaran*, in collaboration with the Department of Philosophy, Miranda House, made an awareness video reiterating the importance of adhering to the ban on fire crackers and other environmental issues.



On 25 November 2020, the new members of the society attended the orientation session and were briefed about the various activities conducted by MH *Vatavaran* - composting of biodegradable garbage and paper recycling to name two important activities being carried out in the college over the last many years and also those being conducted during this different online academic session.



Since the last few years, MH *Vatavaran* has been collaborating with WWF for *Project ECHO* (*Environment Conservation Heroes*). The collaboration has continued this year as well. The four -member team for 2020-21 included Komal, Ishika Bansal, N. Varalakshmi and Manshi Kumari. The team launched a competition named '*Old is Gold*' with an aim to revive traditional eco-friendly recipes. Many entries have been received from participants across all age groups, pan India, and were popularized via various social media handles and in the *ECHO* magazine. The first prize was bagged by Anushka Dayal, the second prize went to Kajal; and three entrants received a special mention: Kristina, Harsha and Vini.





In January 2021, as a part of the Miranda House Freshers' Talent Search Event, MH *Vatavaran* organised a video making competition on 'Green Deeds'. It was great to see the participants involving themselves in not only simple deeds like turning off lights and faucets, refusing plastic bags but also making new things, spreading awareness, planting herbs and trees and composting.

It was only in February that the first offline event was possible. This was a *Walkathon* conducted in collaboration with HPCL on 11 February 2021. Apart from student volunteers, the walk was joined by faculty members of Miranda House. The participants walked from the college campus to the HPCL Petrol Pump at Khyber Pass. The HPCL Coordinator addressed the group and talked about the importance of cleaner fuels and the other initiatives being taken by HPCL towards a clean and green environment. Realising that 'cleaner fuels' is a goal and that the future is electric cars, HPCL is setting up electric charging ports at their petrol pumps. Students were also familiarised with the various tests being conducted routinely by HPCL to check that the fuel being dispensed is pure and unadulterated. The group was also imparted with the knowledge of their rights as drivers of two-wheelers and motor vehicles, for instance, the right to get the tyre pressure checked for free. Thereafter, a pledge was taken where the participants promised to use petroleum products judiciously and spread the good word to other students and to family and friends. The participants were provided with white caps, T-shirts and 'Saksham' banners. The entire group walked back to Miranda House carrying two banners displaying the logo of MH *Vatavaran*, some handmade posters and the 'Saksham' banners.



We would also like to mention that throughout the academic session, the Department of Environment, Government of NCT of Delhi has been sharing with us directives, notifications and reading material in the form of brochures about environment-related issues like green crackers, noise pollution, dust and the Graded Response Action Plan (GRAP), Yamuna Action Plan (YAP). This information has been shared with the volunteers via *WhatsApp* and through Zoom meetings.

Students of MH *Vatavaran* had created a vertical garden out of wasted plastic bottles in 2019. However, the plants had started to wilt in the lockdown. Enthusiastic students of the society were not deterred by the pandemic, and their zeal took them to college, despite the COVID-19 situation. With the guidance of our faculty advisors and the gardener, the garden was successfully revived.





On the occasion of earth hour, which was held on March 27 this year, MH Vatavaran conducted a poster making competition. The first prize was bagged by Divya, the second prize went to Prateeksha, Ruchika and Vaishnavi, while a special mention was given to Komal, Sundus and Muskan. The society encouraged all students to keep the lights at their home off from 8:30 to 9:30 PM, to the extent possible.

For Tempest, which is the annual cultural fest of Miranda House, the theme was 'Breaking the Barriers'. Keeping this essence in mind, it was the first time the society conducted an online group activity. Enthusiastic students showed their zeal in their combination of pro-environmental deeds with music and storylines to make effective awareness videos. They cleaned parks, refused plastic bags at market places and created awareness- doing these activities while taking all the necessary precautions related to COVID-19. The first prize went to the team of 3 volunteers: Gurnoor, Manisha and Mandipa. The second prize went to Angel, Sandhya and Yoshida. The team of Vanshika and Kumari won the third prize. The entries were compiled into one video and shared on 22 April, which is celebrated as Earth Day, every year.

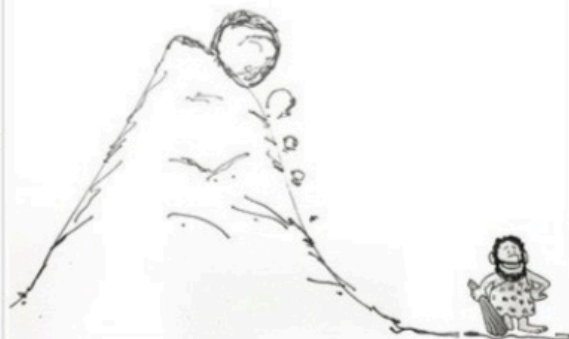
Come April, MH Vatavaran collaborated with Aavya, the Animal Welfare Chapter of Miranda House. We collectively urged students to watch a documentary, 'Dominion', an Aussie Farms production which has some renowned animal activists narrate the perils faced by all animals- be it in the entertainment industry, or in the food industry. Students were moved by the movie and wrote solution based reports which were featured in the MH Vatavaran Blog.

On April 19, we hosted Mr. Sanjeeva Kumar, IAS, Member Secretary NDMA and Secretary, Department of Border Management, Ministry of Home Affairs as a speaker for a webinar. The webinar was titled 'The Whole of Society Approach in Disaster Management.'. Students were engrossed in the session and wrote detailed reports which were indeed praiseworthy.

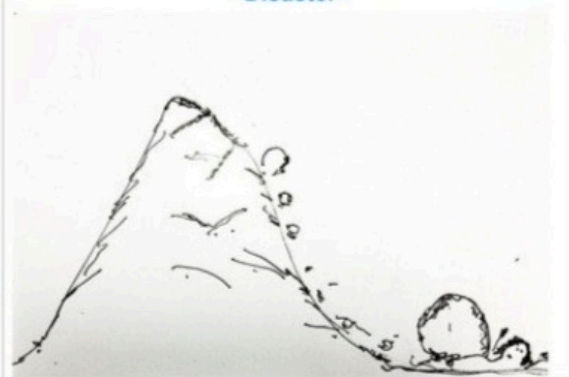
During the same week, elections were conducted for the new session 2022-22. The entire process was concluded in less than a week. The manifesto reading took place via a general body meeting on Zoom, followed by a short window for voting. Volunteers were required to enter their voter IDs as a measure for ensuring fairness. The newly elected office bearers of MH Vatavaran are: Komal (President), Ishika Bansal (Vice President), Ishita Sukhija (General Secretary) and Gurnoor Kaur (Joint Secretary). The new session has already begun its work, and is conducting a story writing contest for World Environment Day. As the outgoing President of MH Vatavaran, I wish the newly elects the best of luck.

-Sanjwala Mukund
(President, MH Vatavaran 2020-21)

Hazard, Exposure and Vulnerability



Disaster





MH VATAVARAN
(THE ENVIRONMENT SOCIETY, MH)
in collaboration with
DEPARTMENT OF POLITICAL SCIENCE

presents a Webinar on
**Role and Relevance of
Alternative Medicine and
Ayurveda in context of
Contemporary Times**

~• *Our distinguished Panelists* •~



Dr. Bijayalaxmi Nanda
Principal MH
(Chair)



Prof Madhulika Banerjee
Department of Political
Science, DU
(Speaker)



Dr. Harilal Madhavan
Indian Institute of
Science Education and
Research
(Discussant)

Friday, 28, 2020
11:00 AM - 01:00 PM
Platform: Google Meet

For any queries, please contact

Sanjwala :+91 9871540979

Deepshikha :+91 9910607410

The meeting link shall be shared shortly.

WEBINAR ON "THE ROLE AND RELEVANCE OF ALTERNATIVE MEDICINE AND AYURVEDA IN CONTEXT OF CONTEMPORARY TIMES"

MH Vatavaran, In collaboration with the Department of Political Science, Miranda House, presented a webinar on 28 August 2020 on the topic "Role and relevance of Alternative Medicine and Ayurveda in context of Contemporary times". The webinar was chaired by Dr Bijayalaxmi Nanda, Acting Principal of Miranda House. The chief speaker for the event was Professor Madhulika Bannerjee from Department of Political Science, DU. Dr Harilal Madhavan from the Indian Institute of Science Education and Research provided essential insights on the topic. The webinar was conducted virtually on Google Meets App.

The event began with a sweeping discussion tracing the phenomenal growth and evolution of Ayurveda. The development trajectory of the school was traced with a critical appraisal of its pros and cons.

Ayurveda, as Indians and the world have known, is inarguably a treasure trove in terms of providing remedial solutions for age-old human pathologies, while providing a ceaseless scope of future research and development. The speakers threw ample light on the credibility prospects of Ayurveda, while taking into account side-effects, inter-alia, other things that Ayurveda accrues. The speakers eloquently talked about the avenues that the current crisis opens in terms of providing a market and consumer audience to Ayurveda and alternative medicines. The future prospects that Indian-based start-ups like Patanjali and the like have opened up were discussed greatly while also engaging critically with the question of how far is it viable for such indigenous start-ups to engage in profit making Viz establishing a robust market in the vicinity of Indian territory. Another critical aspect discussed was the patenting of India's ayurvedic medicines like Neem by nation states like USA and how such opportunistic acts are detrimental to India's claim of Ayurvedic history.

-By Nidhi Kanaujia, BA(Hons) Political Science, 2nd year



MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE



on the occasion of
**WORLD
OZONE DAY**

16 SEPTEMBER, 2020

presents

**POSTER MAKING
COMPETITION**

“Theme- Ozone for life: 35 years
of ozone layer protection”

Mail entries to:
vatavaran.mh@gmail.com

SUBMIT BY:
20 SEPTEMBER 2020, 8PM

Sanjwala: 9871540979 Archana: 9536503381 Komal: 9625707210 Ishika: 7017190506



MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE



**RULES FOR POSTER
MAKING COMPETITION**

1. Posters must be original.
2. Posters can be submitted either individually or as a two-member team.
3. Posters can be either handmade or can use digital art.
4. If handmade, the poster should be scanned and mailed.

OPEN FOR ALL MIRANDIANS!

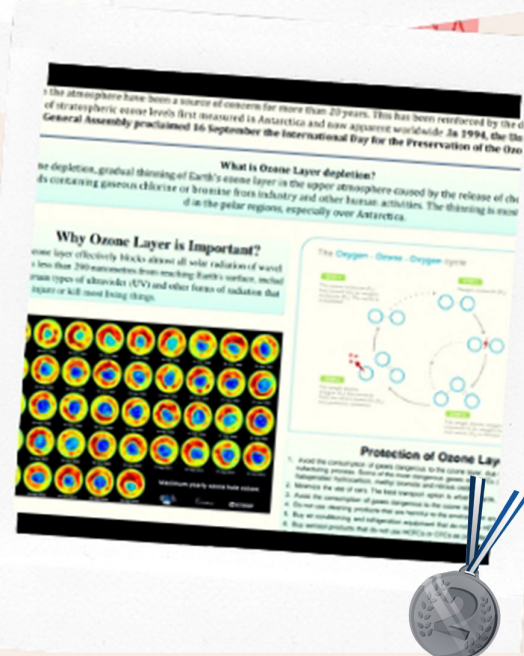
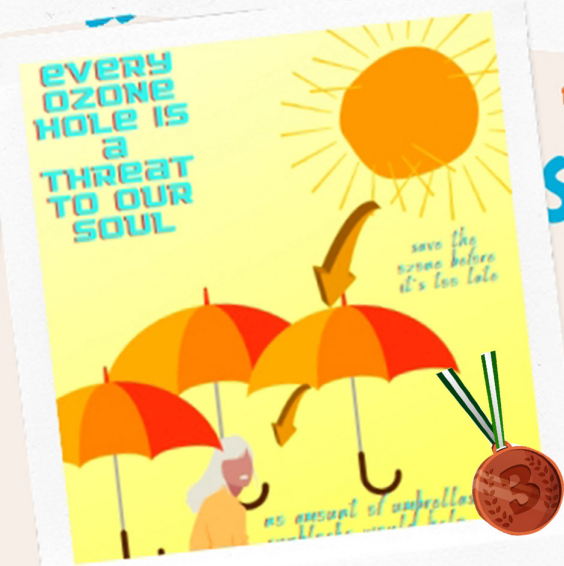
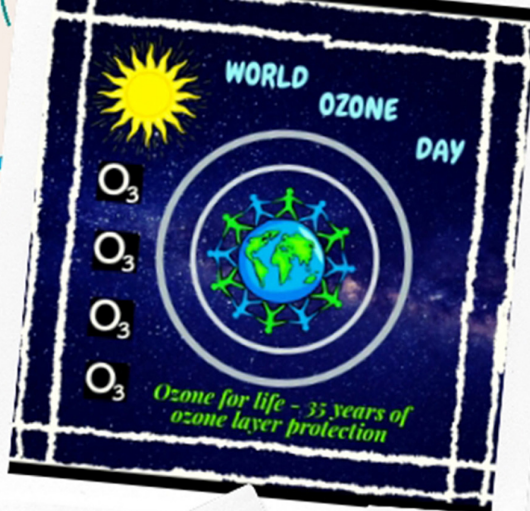
**THE POSTERS WILL BE JUDGED FOR CREATIVITY AND
CONTENT - PRIZE WINNERS WILL GET
E-CERTIFICATES!**



mh.vatavaran



MH Vatavaran



Winners of the Ozone Day Poster Making Competition

1 First Prize
Akanksha Anand
Aayushi Sahay

2 Second prize
Nancy

3 Third Prize
Noor Mankotia

Special mention
Srishti Goyal
Omja Tiwari

WASTE SEGREGATION FROM HOME CAMPAIGN

In Joint Collaboration with

Change in Range and NSS Miranda House

THE CAMPAIGN

The Campaign was initiated with the intent of inculcating the habit of waste Segregation amongst College Students. A survey regarding the already existing waste management practices in their households was conducted by Change in Range. Volunteers were encouraged to shift to organic composting using their segregated kitchen waste. Several brochures and PDF guides on compost making, optimal waste reduction, waste segregation and other sustainable practices were prepared with the joint efforts of Change in Range and ECHO Team of MH. These resources were circulated amongst volunteers to spread awareness and to help them in shifting to a more sustainable lifestyle at every step.



Volunteers from MH Vatavaran featured on various social media handles of Change in Range and MH Vatavaran include Sanjwala Mukund, Kratika Verma, Shubhanshi Singh, Pragati Pramod, Kritika, Pooja, Komal, Ujala, Archana Meena and Srija Reddy.

Later, the Campaign was also, joined by 8 other eco clubs and NSS units of various colleges across University of Delhi.



The Campaign lasted for more than a month and volunteers were asked to document their progress in their endeavours of composting and segregating waste. The society saw a significant participation and recieved videos, write-ups and pictures, proudly presenting organic composts, sustainable changes in lifestyle and different dustbins for different waste from the volunteers. All the participating volunteers recieved hours for their commendable job by the society. Selected entries found their place on the instagram handle of MH Vatavaran.

Wrapping up the Campaign

The Campaign wrapped up with the initiation of a Zero Waste MH Project in Miranda House College focusing on discussions and action on waste optimization and management in College Campus.



Further details of the campaign can be checked out through the following IGTV link :

https://www.instagram.com/tv/CFv9zBkdUF/?utm_source=ig_web_copy_link

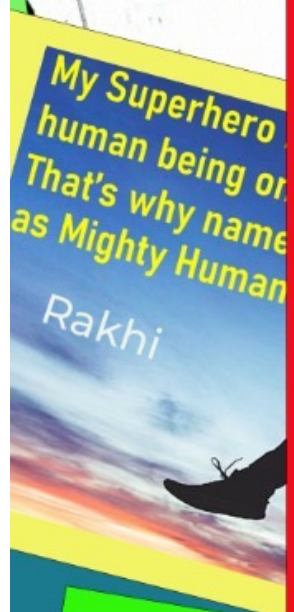
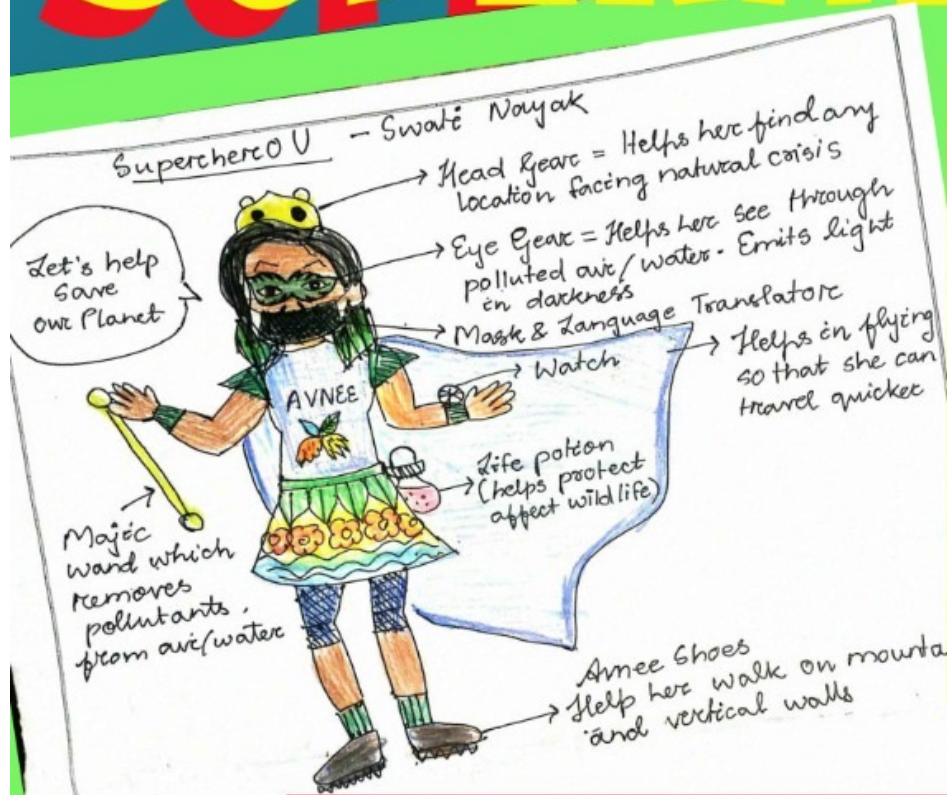




SUPERHERO U



SUPERHERO U





**THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**



in celebration of

WILDLIFE WEEK

2 - 8 OCTOBER

presents

POETRY WRITING COMPETITION

THEME: CONSERVE ANIMAL LIFE IN INDIA

Mail entries to:

vatavaran.mb@gmail.com

Submit by:

15 October, 8 pm

- ✓ Poem can be in Hindi/ English
- ✓ Poem to be aesthetically presented on a poster
- ✓ Poem should be self-composed
- ✓ The art on the poster can be handmade/ digital

CASH PRIZES & E- CERTIFICATES FOR THE WINNERS!

HOURS FOR THE SOCIETY MEMBERS!



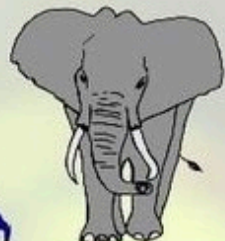
GREEN BRIGADE



THE ENVIRONMENT SOCIETY OF CVS

Presents

WILDLIFE WEEK



Main Highlights



2 Oct '20 : Inauguration Ceremony



3 Oct '20 : Fun with Fauna



4 Oct '20 : The Blooming Tales Film Festival



5-6 Oct '20 : Vartalap 2.0



Registration link:

<https://www.townscript.com/e/wildlife-week-green-brigade>

Media Partners

Isha Sachdeva
88517 46381



Dhruv Agarwal
93133 68989



WILDLIFE WEEK POETRY COMPETITION

MH Vatavaran, The Environment Society of Miranda House celebrated wildlife week to generate awareness about the existence of our wild surrounding and the need to conserve them. The week celebrations were scheduled from October 2, 2020 to October 8, 2020. The team designed and organized a creative poetry writing competition on the theme, 'Conserve Animal Life in India'. The competition was open to both the volunteers and other students irrespective of their departments and college organizations. To engage students without any obstacle the competition was bilingual and winners were selected from both Hindi and English entries received. The participants were allowed to present their works aesthetically on a poster. The lead group decided to welcome both handmade and digital posters. 30 enthusiastic participants sent their aesthetic works by 15th October 2020. Selected top entries were appreciated and cash prizes along with E-Certificates were issued. Considering the part and parcel of team spirit, Vatavaran volunteers were provided hours. As a society it was bliss to encounter the ideas of young environmentalists of various departments. It was not a full stop but a beginning.



WINNERS

Cheers to our young
environmentalists

ENGLISH CATEGORY



Anushka Tiwari
English (H) 3rd year



Ojaswita Pant
BSc (H) Chemistry 3rd year



Anushka Dayal
BSc Life Sciences 2nd year

HINDI CATEGORY



Aayushi Sahay
BSc (H) Botany 2nd year



Gitanjali Sharma
BSc (H) Botany 2nd year



Raveena Kumari
BSc (H) Chemistry 2nd year

Here are 30 entries that we received
for wildlife week poetry competition ;

<https://drive.google.com/drive/folders/15n3ZAAuZJdZvA22XRxMagPv9z47Yr6AH>

Innovative Green Living : The Upcycling Event



MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE



invites entries for

UPCYCLING EVENT

THEME: Innovative Green Living

in celebration of its

UPCYCLING WEEK

26th October - 1st November 2020

*Prepare a video involving compilation of
pictures of the initial scrap materials used,
intermediate stages and the final output!*

OPEN FOR MH VATAVARAN VOLUNTEERS ONLY!

Mail videos at:
vatavaran.mh@gmail.com

Hours for society
members!

The Upcycling Event organized by MH Vatavaran aimed at promoting DIY(do it yourself) activities to upcycle an object of lower utility to that of much higher utility through manual effort. An entire week was provided to the volunteers to innovate and give a new sustainable twist to their otherwise waste products and belongings. The event saw an

overwhelming participation from the volunteers and an archive of their beautiful upcycled products, the procedure of the upcycling and spare raw material used for the task, was created on the official YouTube channel as well as Social Media Handles of MH Vatavaran.



Upcycling Week
Participants

•Kratika Verma
BA (Hons.) Geography, 2nd
year
Upcycled: Lamp from Old box
of Pringles.

A compilation of the video entries sent by the
volunteers was uploaded on the official
YouTube channel of MH Vatavaran

<https://youtu.be/gue0JX-WZ-I>



Upcycling Week Participants

- Aayushi Sahay
BSc(Hons)Botany, 2nd year (2020-21)
Upcycled: Fancy paper bag from spare stationary
- Aparna
English (Hons.), 1st year
Upcycled: Wall hangings from spare stationary and organic plant waste
- Vini
B.Sc (H) Chemistry, 2nd year (2020-2021)
Upcycled: Hairband from old clothes
- Megha Jangir BSc (Hons) Chemistry 2nd year (2020-2021)
Upcycled: Slippers from cloth rags and cardboard
- Preeti B.Sc(H) Chemistry ,2nd year (2020-2021)
Upcycled: Paper bag from newspapers
- Swati Nayak B.Sc(H) Botany, 3rd year
Upcycled: Bookmarks from old newspaper and plastic bags
- Sakshi
BSc (hons) Chemistry, 2nd year (2020-2021)
Upcycled: Artefact from foil and newspaper
- Shreya Pandey
Bsc. Hons. Botany, 2nd Year (2020-21)
Upcycled: Bottle decor from spare cloth laces and plastic waste
- Aishwarya
B.A. (H) Geography, 2nd Year
Upcycled: Decor material from old newspaper and discarded bamboo sticks



Upcycling Week Participants

- Merina

Upcycled- Paper Bag from Old Calendar

- Kajal

Bsc. (H) Maths, 2nd year

Upcycled: Pen Stand from Old Magazine pages

- Srishti

Bsc(H) Chemistry, 2nd year (2020-2021)

Upcycled: Home decor from scrap stationary

- Manasvi

Upcycled: Photo frame from scrap cardboard,

Growing Plant pots from waste plastic packaging

- Preeti B.Sc(H) Chemistry, 2nd year
(2020-2021)

Upcycled: Pretty Doll from Wool

- Shubhangi

Upcycled: Bracelet from Buttons

- Aditi Choudhary

BA Programme, 2nd year (2020-2021)

Upcycled: Home decor from spare balloon and rope

- Archana Kumari Meena

B.Sc.(H) Mathematics, 2nd year (2020-2021)

Upcycled: Diya holder from Pistachio shells.

- Nisha Verma

Hindi (Hon.) 1st year

Upcycled: Home decor from Pistach shells and cardboard



MH-VATAVARAN

Shades of Green
The Environment Society
Miranda House

PRESENTS

UPCYCLING WEEK





MH VATAVARAN
THE ENVIRONMENTAL SOCIETY,
MIRANDA HOUSE
IN COLLABORATION WITH



THE DEPARTMENT OF PHILOSOPHY,
MIRANDA HOUSE

• *PRESENTS* •

A VIDEO MAKING EVENT

FESTIVAL OF ILLUMINATION, NOT POLLUTION

A HEARTFELT
MESSAGE, A
COMPILATION OF
SLOGANS AND
FACTS THROUGH A
VIDEO.

INCLUDING-

1. Saying facts and statistics on air and noise pollution
2. Saying slogans related to pollution
3. showing slogans on a piece of paper

Send your entries to:
vatavaran.mh@gmail.com

FOR FURTHER DETAILS CONTACT-

SANJWALA MUKUND
9871540979

VANDANA
8429098850

Diwali video shoot

MH Vatavaran, in collaboration with Department of Philosophy, Miranda House made a video stating facts on air and noise pollution which result from crackers . Volunteers sent their individual videos which were then compiled to spread awareness towards this common cause.

Watch the video by clicking on the diya:



HAPPY
Deepavali!



ORIENTATION CEREMONY



**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**



invites you to its



VIRTUAL ORIENTATION 2020-21

25 November 2020 | 4 pm

Platform: Zoom

OPEN TO ALL FRESHERS !

2nd and 3rd year students who wish
to join the society are invited too !



CHANGE IN RANGE, MH

is holding its

Annual Orientation *2020-21*

under the banner of

MH-VATAVARAN

on 25th of November

Time: 4:30 PM

Venue: Zoom

For queries, Contact:

Ujala: 6388201961

Srija: 9849376426

Highlights

Project Zero Waste, MH
Zero Waste Vision of CIR



MH-VATAVARAN



Shades of Green
The Environment Society
Miranda House

Recycling Biodegradable Waste



Shades of Green
The Environment Society
Miranda House



...Recycling Biodegradable Waste



Recycling Paper



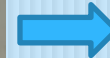
Shades of Green
The Environment Society
Miranda House



From Paper to Product



Shades of Green
The Environment Society
Miranda House



About Miranda House

Established in 1948, Miranda House has carved a unique niche for itself as a premier institution dedicated to providing liberal education to women and is credited with several pioneering initiatives. MH Vatavaran, the Environment Society of the College, encourages students to engage proactively with environmental issues and provides opportunities for hands-on, experiential learning. The college has a paper recycling unit that employs full time staff to assist in the production of quality handmade paper that is turned into files, folders, envelopes etc., aesthetically designed by student volunteers. Other projects in which MH Vatavaran is involved include solid waste management programme for conversion of food waste into vermicompost; project for mapping potable water across the city of Delhi in conjunction with the D S Kothari Centre for Research and Innovation in Science Education at Miranda House and creation of a herbal garden.



Workshop on
Art and Science of Paper Recycling
22-23 January 2010

About RCE

A Regional Centre of Expertise (RCE) of the Education for Sustainable Development Programme of the UN University is a network of existing formal, non-formal and informal education organisations, mobilised to deliver education for sustainable development (ESD) to local and regional communities. A network of RCEs worldwide constitutes the Global Learning Space for Sustainable Development. RCEs aspire to achieve the goals of the UN Decade of Education for Sustainable Development (DESD, 2005-2014), by translating its global objectives into the context of the local communities in which they operate. An RCE involves school teachers, professors at higher education institutions, environmental NGOs, scientists, researchers, museums, zoos, botanical gardens, local government officials, representatives of local enterprises, self-help groups, media, etc. and individuals or individuals who work in the sphere of sustainable development such as economic growth, social development, and environmental protection, students and learners at all levels.

Miranda House, University of Delhi
Partner Institution
Regional Centre of Expertise (RCE)
United Nations University

Case for Mother Nature - She cares for you

Printed on recycled paper source in Miranda House

Supported by
Department of Science & Technology, Government of India



Renewable Energy



Shades of Green
The Environment Society

Miranda House



7 kWp Grid-connected Rooftop Solar Power Plant

Miranda Innovates



Shades of Green
The Environment Society
Miranda House

Hydroponic System



Collaboration: Sanicon

Soil-less Plantation

Glass Gardens



Collaboration: Greenbandhu





Miranda House Bottle Garden

Spreading the Message



Shades of Green
The Environment Society
Miranda House

Anti-Litter Campaign



Advocating Conservation



Cyclathon to Save Gas and Oil



Showing the Way



Municipal Officials Participating in Swachh Bharat Mission Exposure Workshop

Collaboration with WWF India for Project ECHO 2020



Team Echo 2020 Miranda House

Activities under project Echo



**A visit to Yamuna
Biodiversity Park**



Reading Reserve



WWF Backyard trail



Bird Watch



Delhi Youth Summit on Climate Change at MH, August 2013

"Civilisation is like a mouse gnawing while it is soothing us." - Mahatma Gandhi



and
Present

Fourth Delhi Youth Summit on Climate Change (DYSoc 2018)

Theme: Climate Resilience and Urban Sustainability

**A Two-Day Environmental
Leadership Training Programme**

**03 and 04 October 2018
Miranda House, University of Delhi**

Greening Partners:





MH Vatavaran
Shades of Green

CiR

[Home](#) [Roots](#) [Events](#) [We are for](#) [Project Zero Waste MH](#) [We are Growing](#) [Stay Home Stay Green](#) [Contact](#) [About](#)

MH Vatavaran, The Environment Society Miranda House

Let's Chat!

All Posts



Log in / Sign up



Change in Range
Oct 26 • 3 min

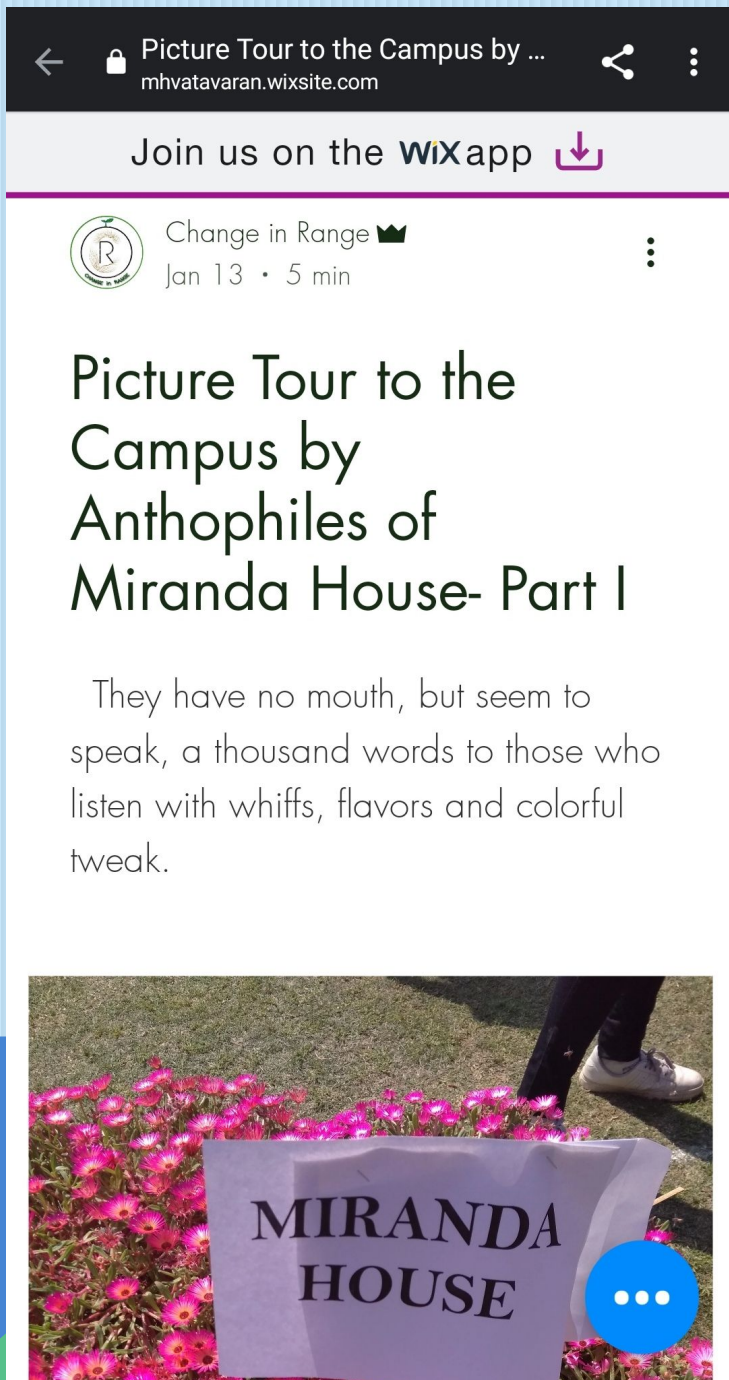


MH Vatavaran Adapting to Online Environmentalism:

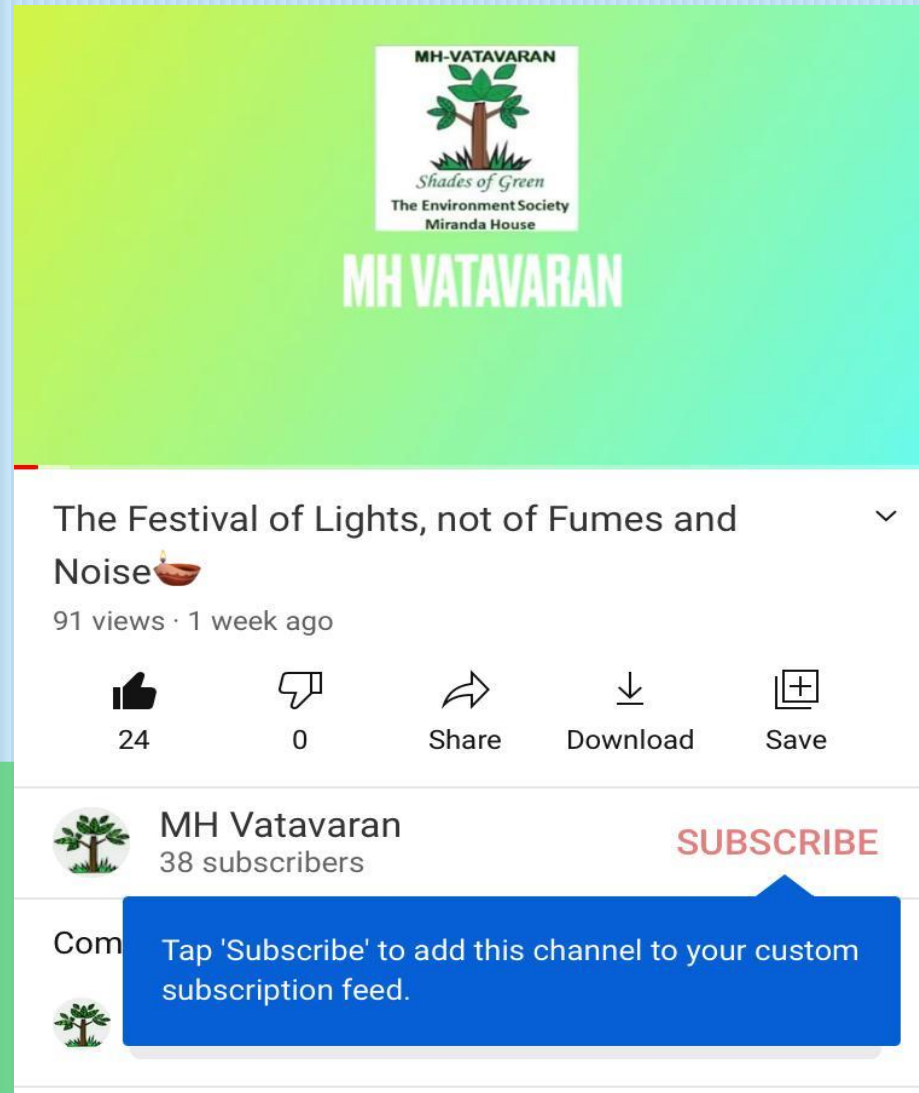
A glimpse of online activities of MH Vatavaran (2019-20) MH Vatavaran, the Environment Society of Miranda House, has been taking great st...

16 views · Write a comment





YouTube Channel of MH Vatavaran!



Keeping up the spirit in 2020.



**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**

in celebration of

WILDLIFE WEEK

2 - 8 OCTOBER

presents

**POETRY WRITING
COMPETITION**

THEME: CONSERVE ANIMAL LIFE IN INDIA

Mail entries to:
vatavarar.mh@gmail.com

Submit by:
15 October, 8 pm

- ✓ Poem can be in Hindi/ English
- ✓ Poem to be aesthetically presented on a poster
- ✓ Poem should be self-composed
- ✓ The art on the poster can be handmade/ digital

**CASH PRIZES & E- CERTIFICATES FOR THE WINNERS!
HOURS FOR THE SOCIETY MEMBERS!**

SANJWALA: 9871540979 ARCHANA: 9536503381



**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**

on the occasion of

**WORLD
OZONE DAY**

16 SEPTEMBER, 2020

presents

**POSTER MAKING
COMPETITION**

**“Theme- Ozone for life: 35 years
of ozone layer protection”**

Mail entries to:
vatavarar.mh@gmail.com

SUBMIT BY:
20 SEPTEMBER 2020, 8PM

Sanjwala: 9871540979 Archana: 9536503381 Komal: 9625707210 Ishika: 7017190506



**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**

**RULES FOR POSTER
MAKING COMPETITION**

1. Posters must be original.
2. Posters can be submitted either individually or as a two-member team.
3. Posters can be either handmade or can use digital art.
4. If handmade, the poster should be scanned and mailed.

OPEN FOR ALL MIRANDIANS!

**THE POSTERS WILL BE JUDGED FOR CREATIVITY AND
CONTENT - PRIZE WINNERS WILL GET
E-CERTIFICATES!**

 [mh.vatavarar](https://www.instagram.com/mh.vatavarar)  [MH Vatavaran](https://www.facebook.com/MH.Vatavarar)

Project Zero Waste

MH

An initiative by Change in Range

Starting
soon

Under the aegis of MH
Vatavaran



ZERO WASTE MH PROJECT

MH VATAVARAN

[An Initiative By Change In Range]



We aim to make
Miranda House
a zero waste
generating college..

Developing a zero
waste culture in the
lockdown period by
engagement in
various activities and
tasks!

Study groups with
weekly Research
engagements

Hours for
powers of the
project!





We have room for any shade – as long as the color is green!

Come join us!

MH Vatavaran in collaboration with WWF-India



AN INITIATIVE TO GREEN MODULAR KITCHENS

**MIRANDA HOUSE
ECHO PROJECT'21**

**CHANGE THE WAY WE
CONSUME FOOD**



wwfechomirandahouse@gmail.com



Miranda House WWF Volunteers

MH Vatavaran has been collaborating with WWF-India for project ECHO (Environment Conservation Heroes) for the past two years.

The theme for the year 2020-21 was "Be the Voice of the Planet: Change the Way we Consume Food".

Food must be produced, distributed, consumed and disposed of in ways that optimize resource use, minimise greenhouse gas emissions and stop further loss of biodiversity.



Project title:
GREEN MODULAR KITCHENS



The following activities were carried out:

✓ **Old is Gold: Competition to Revive Traditional Recipes**

All the recipes received were compiled into a Recipe Book!

✓ **Herbal gardening and Compost Making at Home**

TEAM
ECHO
2020-21

**Teacher Convener: Dr. Sujata Sengupta,
Department of Chemistry**

Representatives:

- 1. Komal, BSc (H) Chemistry 2nd year**
- 2. Ishika Bansal, BSc (H) Chemistry 2nd year**
- 3. Manshi Kumari, B.El.Ed, 3rd year**
- 4. N. Varalakshmi, BA (H) Philosophy, 2nd year**

I) REVIVING TRADITIONAL RECIPES



- MH Vatavaran •
- The Environment Society •
- Miranda House •



in collaboration with



- World Wildlife Fund for Nature •
- Environment Conservation Heroes •
- MH ECHO Project'21 •
- Change the way we consume food •



Format:
PDF +
video of
recipe

presents

**Open
to all
age
groups**

Old is Gold- Competition to Revive Traditional Recipes

Send entries to:
vatavaran.mh@gmail.com

Top 50 entries to be featured in
'MH WWF ECHO PROJECT'21
MAGAZINE'

**Certificates
for top 3
positions!**

**Submit
by:
31st January
2021**

Follow:



Miranda House WWF Volunteers

Old is Gold

To Revive Traditional Recipes

Winner entries of the Competition

🏆 1st Prize:

Anushka Dayal, BSc Life Sciences 2nd year

Entry: " Farra ki Chaat"

🥈 2nd Prize:

Kajal, BSc (H) Mathematics, 2nd year

Entry: "Bajre ki Khichdi"

🥉 Special Mention:

1. **Vini**, BSc (H) Chemistry 2nd year

Entry: "Til ke Ladoo"

2. **Kritika**, B.A. (H) Philosophy 3rd year

Entry: "Ladoo of Murmure"



3. **Harsha Kichloo**, B.A. (H) Economics, 1st year

Entry: "Yaeji with Sheer Chai"

Link to all the recipes received for this competition

<https://drive.google.com/folderview?id=1AtRDwFgKyULgZIGS4E41X4cb918F58nK>

Enjoy making these wonderful dishes at home !



II) HERBAL GARDENING



#Plantation Drive



Tulsi Plantation 🌱





Curry leaves



Indian Spinach



MINT
(PUDINA)



Lemongrass



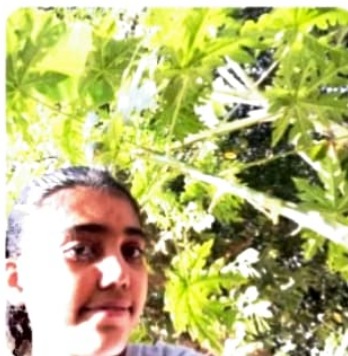
soya leaf
(Dill)



Fenugreek



My
kitchen
garden



Sandhya
Kumari

III) MAKING COMPOST AT HOME



STEP
01



STEP
02



STEP
03



STEP
04



STEP
05



Ishika Bansal

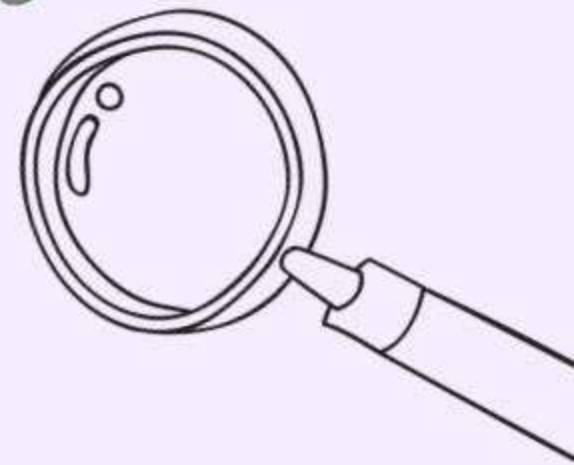
Final execution
of the idea.



ETS

(FRESHERS TALENT SEARCH)

THEME: GREEN DEEDS



GREEN DEEDS

When the going gets tough,
the tough go green

 **The Winners for the Freshers' Talent Search: Green deeds competition are as follows:**

 **ISHITA SUKHIJA**

BSc Life Sciences, 1st year

 **HEERAL DATWANI**

BA (Hons.) Political Science, 1st year

 **VANSHIKA**

BSc (Hons.) Botany, 1st year

Link of all the Videos made by high Spirited Volunteers

https://drive.google.com/drive/folders/1NrD4zwWoqq_3s_JcxK00e-RD01wSCnfJ

Come let's take a stand for the love of green

MH VATAVARAN

HPCL WALKATHON 2021

MH Vatavaran, the Environment Society of Miranda House, in collaboration with Hindustan Petroleum Corporation Limited (HPCL) conducted a Walkathon on 11 February 2021 to raise awareness on the use of petroleum products.



WALKATHON FROM MIRANDA HOUSE TO HPCL PETROL PUMP, KHYBER PASS

Event starts at 3:00PM

SAVE THE DATE- 11 FEBRUARY, 2021

If interested dm on - 9871540979 by 8 February, 11am.

In adherence to Covid-19 protocol

अक्षय

This Walkathon is an annual event - MH Vatavaran members have been participating in the event enthusiastically since 2019. Despite the COVID-19 related fear and restrictions, the event was successfully conducted this year too, strictly adhering to physical distancing, sanitisation and mask wearing guidelines.

Apart from student volunteers of Miranda House, the walk was also joined by faculty members of MH who led the students to the Khyber Pass Petrol Pump. They were greeted warmly by the Walkathon Coordinator. The Coordinator addressed the group and talked about the importance of cleaner fuels and the other initiatives being taken by HPCL towards a clean and green environment.



Realising that 'cleaner fuels' is a goal and that the future is electric cars, HPCL is setting up electric charging ports. Students were also familiarised with the various tests being conducted by HPCL routinely to check that the fuel being dispensed is pure and not adulterated. The group was also imparted with the knowledge of their rights as drivers of two-wheelers and motor vehicles, for instance, the right to get the tyre pressure checked for free. Thereafter, a pledge was taken where the participants promised to use petroleum products judiciously and spread the good word to other students and to family and friends.

The participants were provided with white caps, T-shirts and 'Saksham' banners. The entire group walked back to Miranda House carrying two banners displaying the logo of MH Vatavaran, some handmade posters and the 'Saksham' banners.



PLASTIC BOTTLE GARDEN *Revival project*

It was in June 2019 that MH Vatavaran, the Environment Society of Miranda House, gave birth to a plastic bottle garden using recycled plastic bottles under the supervision of Dr. Divya Agarwal. A number of perennial green plants, including Sadabahar, Arrow headed plant, Money plant, Spider plant and Cactus were planted and watered in a collection of identical yellow-used-plastic jars. To minimize watering, the plants were planted in a medium consisting of nutrient enriched soil-less pellets.

The yellow jars are nailed to the college wall in the shape of English alphabets, 'M' and 'H'. This is one of the green assets of MH. The COVID-19 pandemic and subsequent lockdown took away the beauty of our vertical garde as the plants drooped and the jars faded. Despite all odds, some enthusiastic students of MH Vatavaran, who were in Delhi, joined hands with the mali bhaiyas and Shri Netinder, and under the guidance of Dr. Saloni Bahri completed the task on 9 March 2021.





The twelve volunteers who ecstatically resurrected our vertical garden were:

- Sanjwala, BA (HONS) Philosophy, 3rd Year
- Harsha, BA (HONS) Sociology, 2nd Year
- Drishti Shekar, BA (HONS) Sociology, 2nd Year
- Ujala Mall, BA Programme, 3rd Year
- Komal, BSC (HONS) Chemistry, 2nd Year
- Divya Jinagal, BSC (HONS) Chemistry, 2nd Year
- Subhanshi Singh, BA Programme, 3rd Year
- Nisha Verma, BA (HONS) Hindi, 1st Year
- Suman Kumari, BA (HONS) Hindi, 1st Year
- Archana, BSC (HONS) Mathematics, 2nd Year
- Kumud Agarwal, BA (HONS) Geography, 1st Year
- Vandana, BA (HONS) Philosophy, 3rd Year



To get a glimpse of the revival project, click on the pipe.



We plant and repent

nurture nature



TIDE TURNERS PLASTIC CHALLENGE

A UN INITIATIVE

SWATI NAYAK

B.Sc(H) Botany , 3rd year, Miranda House successfully completed the entry level and is now working on the leadership level of the TIDE TURNERS PLASTIC CHALLENGE.



Anything that sounds too good to be true probably is. Plastic is no exception. Cheap, durable, and light plastic has made its way into every country, every lifestyle. But here's the downside: Our production and consumption of single use and disposable (use and throw) plastics and our inability to manage plastic waste sustainably have led to a massive pollution problem. Marine litter and microplastics are flooding our oceans and is hurting marine ecosystems and human health on an unprecedented scale. The solution does not lie at sea, though. It lies on land with us, the ones who started the problem. From cutting back on our use of single-use disposable plastic to recycling more effectively to finding sustainable alternatives to plastic, solutions to plastic pollution are within our grasp.

In this leadership challenge, students learn what those solutions are and how we can be a part of them. Students who participate in the challenge undertake the following activities:

Level 1: Entry level Activities are designed to get you thinking about your own consumption and what simple actions you can take to reduce single-use plastic from your day to day life.

Level 2: With the leader level activities, you will delve deeper to explore, investigate and take action about single-use plastic consumption and its management within your home, neighborhood or at a community level.

Level 3: In the Champion level, you will be ready to scale-up efforts to make a greater impact. Activities would include taking action to promote sustainable consumption & production by influencing consumers and businesses. You will educate others and continue your advocacy efforts by turning your learnings and actions into educational assets like videos, comics, storybooks, GIFs etc.

VICE CHANCELLOR'S VISIT

Paper recycling has been a green sustainable practice at Miranda House for the last two decades. The first Paper Recycling Plant set up at MH was funded by the Department of Science and Technology, Government of India under their 'Women and Science' scheme. The activities at the plant have enabled us to make wonderful recycled paper sheets which are fashioned into folders and carry bags. We have also been able to make printable quality recycled paper sheets!

Professor P C Joshi, Vice Chancellor University of Delhi and his team of officials visited the current Paper Recycling Plant on 8 April 2021.

Paper Recycling Plant – Miranda House





**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**



to commemorate

EARTH HOUR

Saturday, 27th March 2021

8:30pm - 9:30pm

presents

POSTER MAKING COMPETITION

Theme: Earth Hour

- ✓Poster must be original.***
- ✓Poster can be digital or handmade.***

EARTH HOUR

Lights off
green on!

The Winners for the Earth Hour Poster Making Competition are as follows:

 1st position:

Divya

BA (H) Economics, 3rd year

 2nd positions:

1. Prateeksha Asati

BSc (H) Botany, 1st year

2. Ruchika and Vaishnavi

BAP, 1st year

 Special Mentions:

1. Sundus Azeem

BSc (H) Mathematics, 1st year

2. Muskan

BSc (H) Physics, 1st year

3. Komal

BSc (H) Chemistry, 2nd year

Link of the Video including all the beautiful and inspiring Posters

<https://youtu.be/YCBB-dj7BsQ>

Lights Off

Nature On!

MOVIE SCREENING THE DOMINION

With Aavya

This April

AAVYA
X
MH VATAVARAN

Presents to You
"DOMINION"

*A moving documentary exposing the dark underbelly
of modern animal agriculture*

For more details contact:
Sanjwala 9871540979
Alshani 9919729728

MH VATAVARAN, The Environment Society, Miranda House in collaboration with AAVYA organized the screening of DOMINION (an Aussie Farms production), a movie documentary showcasing the true horrors of the Dairy Industry and various threats to different animals and their remedies. Volunteers were asked to send 350 words write-up on any one animal describing how that animal is exploited and the remedies to the issue, as shown in the movie. Selected reports were published on the MH Vatavaran Blog.



YOUTUBE LINK TO THE MOVIE SCREENED ON APRIL 11
[HTTPS://YOUTU.BE/LQRAFJYESKO](https://youtu.be/LQRAFJYESKO)

Sp Adobe Spark

Movie Screening

Dominion

Reports by MH Vatavaran
Volunteers

- Aditi Sharma

BSc(Hon.) Chemistry, 2nd year

Report on Camels of the World

- Astha Singh

BSc Physical Science, 1st Year

Cow, Our Mother

- Nancy

BSc(Hon.) Zoology, 3rd Year

Exotic Animals and their Woes

- Faguni Agrawal

B.Sc (Hons) Chemistry, 2nd year

A Report on Foxes of the World

- Archana Mina

B.Sc (Hons.) Maths, 2nd year

Please Rescue the Goats

- Harsha

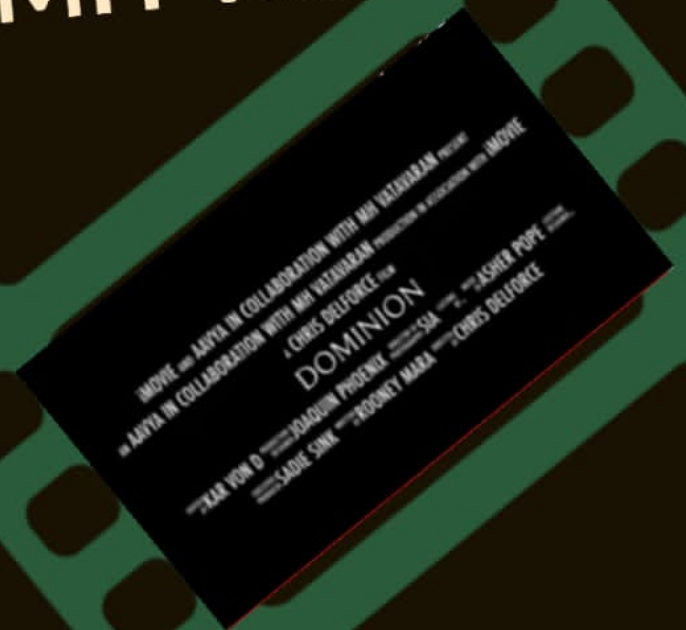
B. A. (H) Sociology , 2nd year

Horse Abuse

- Poonam

BSc (Hons) Botany, 1st year

Animal Testing (The story of Mice)



[illegible]

- All the selected reports have been published on the blog and can be read at <https://mhvatavarana.wixsite.com/enviromentsociety>



**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**



on the occasion of

TEMPEST

*the annual cultural fest of Miranda House
presents*

VIDEO MAKING COMPETITION

Theme: Celebrating Earth Day together

✓REWARDS:

***E-certificates for the winners !
Hours for the participants who are
members of MH Vatavaran***

**Mail entries to:
vatavaran.mh@gmail.com**

**LAST DATE FOR SUBMISSION:
8th April 2021, 12 noon**

Sanjwala:	Archana:	Komal:	Ishika:
9871540979	9536503381	9625707210	7017190506



RULES FOR VIDEO MAKING COMPETITION

1. Make a video (featuring all the team members) doing various environment-friendly deeds which will encourage the viewers to do likewise!
2. Participants are requested to work in a team of 2-4 members. Individual participation is not allowed.
3. Time limit of the video is 2 minutes.

NOTE: This competition is open for all !

**BASIS OF EVALUATION:
ORIGINALITY AND CREATIVITY.
PLAGIARISED WORK WILL NOT BE ACCEPTED.**

 [mh.vatavaran](https://www.instagram.com/mh.vatavaran)

 [MH Vatavaran](https://www.facebook.com/MH.Vatavaran)

EARTH DAY VIDEO MAKING COMPETITION

Celebrating Earth Day together

🏆 The results for the Earth Day Video Making Competition are as follows:

🏆 FIRST POSITION:

Gurnoor Kaur

Manisha Kumari

Manidipa Banerjee

{ All from BSc (Hons.) Physics, 1st year }

🥈 SECOND POSITION:

Angel Malhotra

Sandhya Kumari

Yoshita Bhardwaj

Shailza Bhati

{ All from BSc (Hons.) Botany, 1st year }

🥉 THIRD POSITION:

Vanshika

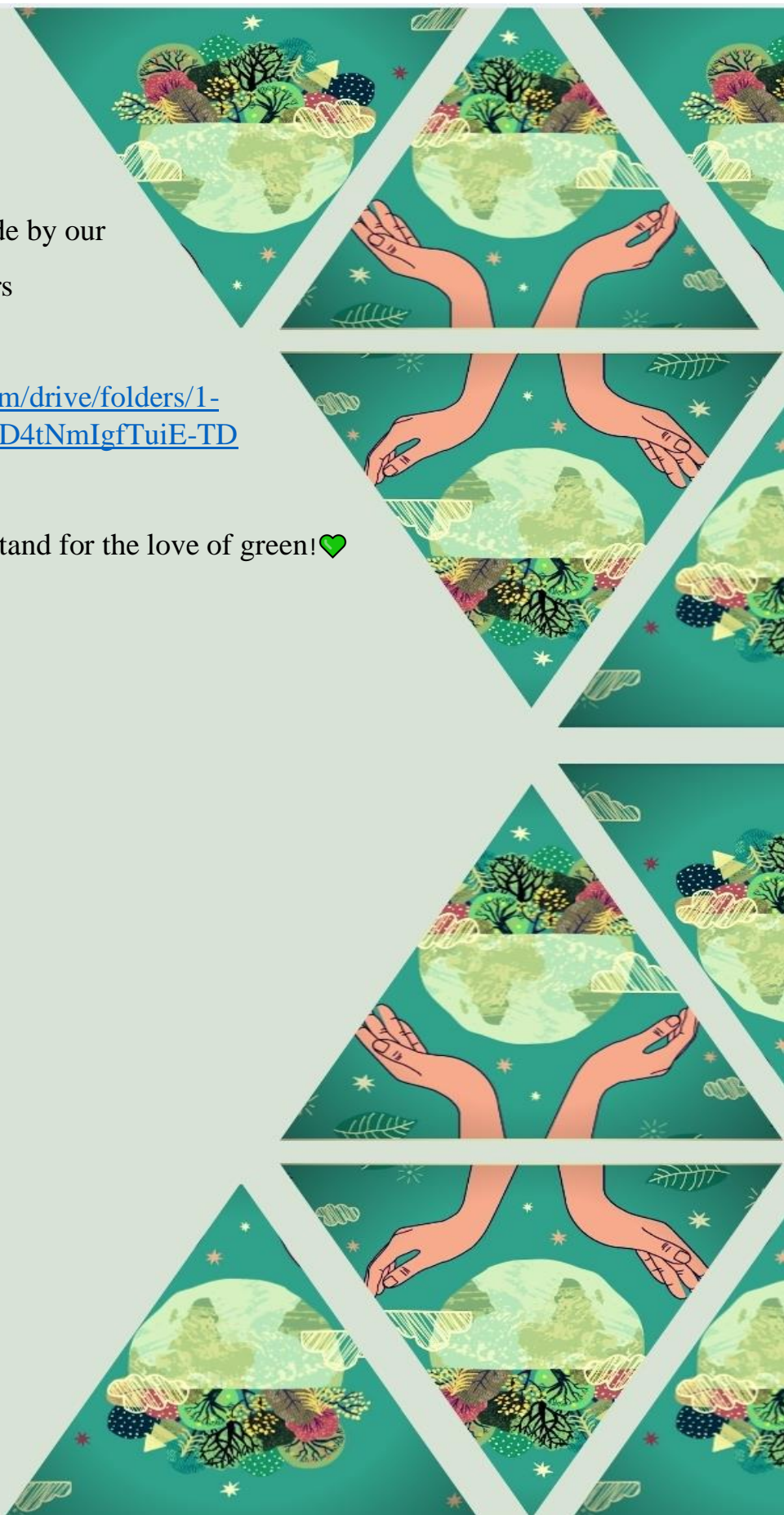
Kumari Khushi

{ Both from BSc (Hons.) Botany, 1st year }

Link of all Videos made by our
Enthusiastic Volunteers

<https://drive.google.com/drive/folders/1-3iUgAd3iLwmpZZqAD4tNmIgfTuiE-TD>

Always remember to take a stand for the love of green! ♥



MH VATAVARAN The Environment Society, Miranda House

PRESENTS A TALK ON

COMMUNITY INVOLVEMENT IN DISASTER MANAGEMENT



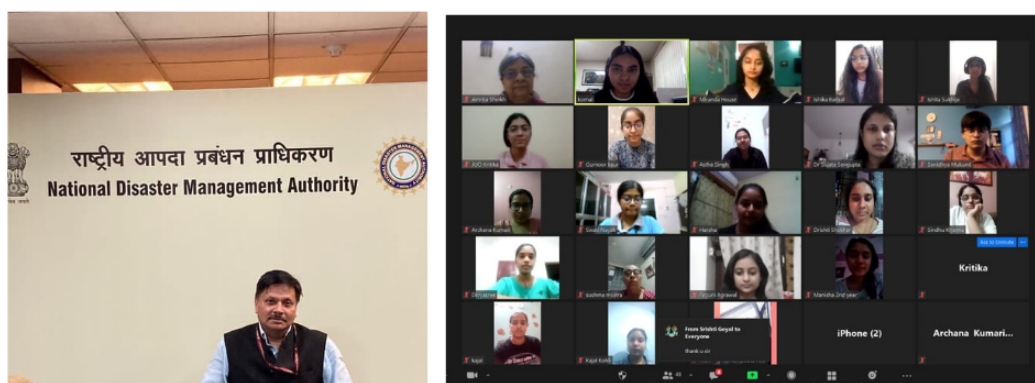
MR. SANJEEVA KUMAR, IAS

Secretary, Department of Border
Management, Ministry of Home Affairs,
Member Secretary, National Disaster
Management Authority (NDMA)

DATE: MONDAY 19 APRIL
TIME : 5:30 PM
PLATFORM : ZOOM



MH Vatavaran, the Environment Society of Miranda House organized a virtual talk on the topic "Community Involvement in Disaster Management" on 19 April, 2021. The event was hosted by the President of MH Vatavaran, Sanjwala Mukund. The guest speaker for the session was Mr. Sanjeeva Kumar, IAS, Secretary, Department of Border Management, Ministry of Home Affairs and Member Secretary, National Disaster Management Authority (NDMA). On behalf of Dr. Bijayalaxmi Nanda, Acting Principal of Miranda House; Dr. Amrita Tripathi Sheikh, Convener of MH Vatavaran welcomed the speaker as well as the attendees of the webinar.



The speaker, Mr. Sanjeeva Kumar put up his substantial observations with the aid of an illuminating and arresting power point presentation on the topic "Reducing Disaster Risk: A Whole of the Society Approach". He intricately discussed a wide array of essential aspects of Disaster Management- ranging from definition of the disaster, Disaster Risk Reduction (DRR) and Disaster Management Cycle to Hazard Vulnerability and Hazard Profile of India.

After stating some effective steps to mitigate the wrath of disasters, Mr. Kumar brought his presentation to an end. This was followed by a Question and Answer round moderated by Komal, General Secretary, MH Vatavaran. Ishika Bansal, Joint Secretary, MH Vatavaran, delivered the vote of thanks.

The talk was fruitful and enriched the attendees with information on disaster preparedness and its effective measures. The speaker also complimented MH Vatavaran for conducting a session on this topic, which is the need of the hour.

WORLD ENVIRONMENT DAY

5th JUNE, 2021

"Ecosystem Restoration"



**MH VATAVARAN
THE ENVIRONMENT SOCIETY
MIRANDA HOUSE**



is organising

A Creative Story Writing Competition

TOPICS :

- **Healing Nature**
- **Green Travels**
- **Save Trees , Breathe Free**

Do submit by 6 pm , 31st May , 2021
By Mail on : vatavaran.mh@gmail.com

Komal : +91 96257 07210

Ishika : +91 70171 90506

Ishita : +91 79060 47473

Gurnoor : +91 89300 44409

RULES FOR PARTICIPATION :

- One participant can submit only one story of about 2000 words.
- Entries can be in Hindi or English.
- Entries should preferably be typed.
- Original stories , no plagiarism.
- Story can also be illustrated using drawings, cartoons, etc.
- Story could be personal or fictional.

Enjoy Rewards :

- **E-Certificates for prize winners**
- **Hours for MH Vatavaran members**

Its open to all Mirandians



mh.vatavaran



MH Vatavaran

STORY WRITING COMPETITION



Winners of Story Writing Competition are :

English Category

Position 1 : **Anushka Dayal**, B.Sc. Life Sciences, 2nd year

Position 2 : **Swati Nayak**, B.Sc (H) Botany ,3rd year

Position 3 : **Shivangi Yadav** , Ba (H) Geography,
2nd Year

Special Mentions :

Kritika Gaur, B.Sc (H)Chemistry,1st year

Yoshita bhardwaj, B.Sc. (H) botany, First year

Following is the link just by a single click you will find yourself lost
in a different green World

<https://drive.google.com/folderview?id=19C10hWtgwYMo-LxCN53rkv89wWdqlu7p>



STORY WRITING COMPETITION



Winners of Story Writing Competition are :

Hindi Category

1st position : **Charul** , Bsc (H) maths , First Year

2nd position : **Srishti** ,Bsc (H) Chemistry ,2nd year

Just by clicking on this link you are going to experience a splash of fresh green vibes

<https://drive.google.com/folderview?id=195orvaWllu62b040ehBMBsaFAa9m6AcU>





MH VATAVARAN
The Environment Society
Miranda House



Is launching

A very special plantation drive

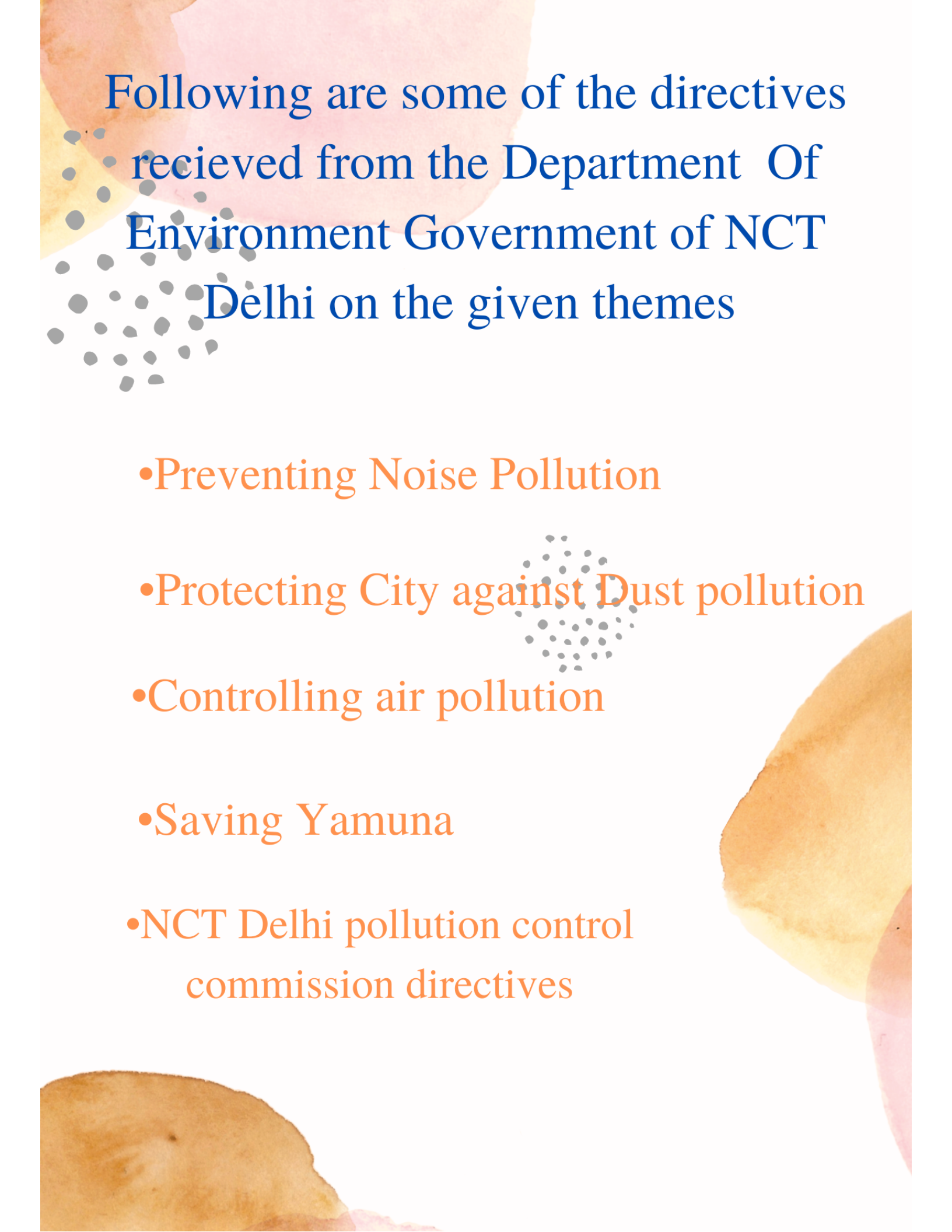
Plant a Tree, it's Free

**Find the seeds in your kitchen and plant them in
your garden or pots.**

Grow a life and feel the satisfaction!!

**Send us your plant's pictures and videos
We would love to see and share them !!**

**Please keep your videos short around 2 min and Mail them
anytime around 15 July 2021 on
mhvatavaran.president@mirandahouse.ac.in**



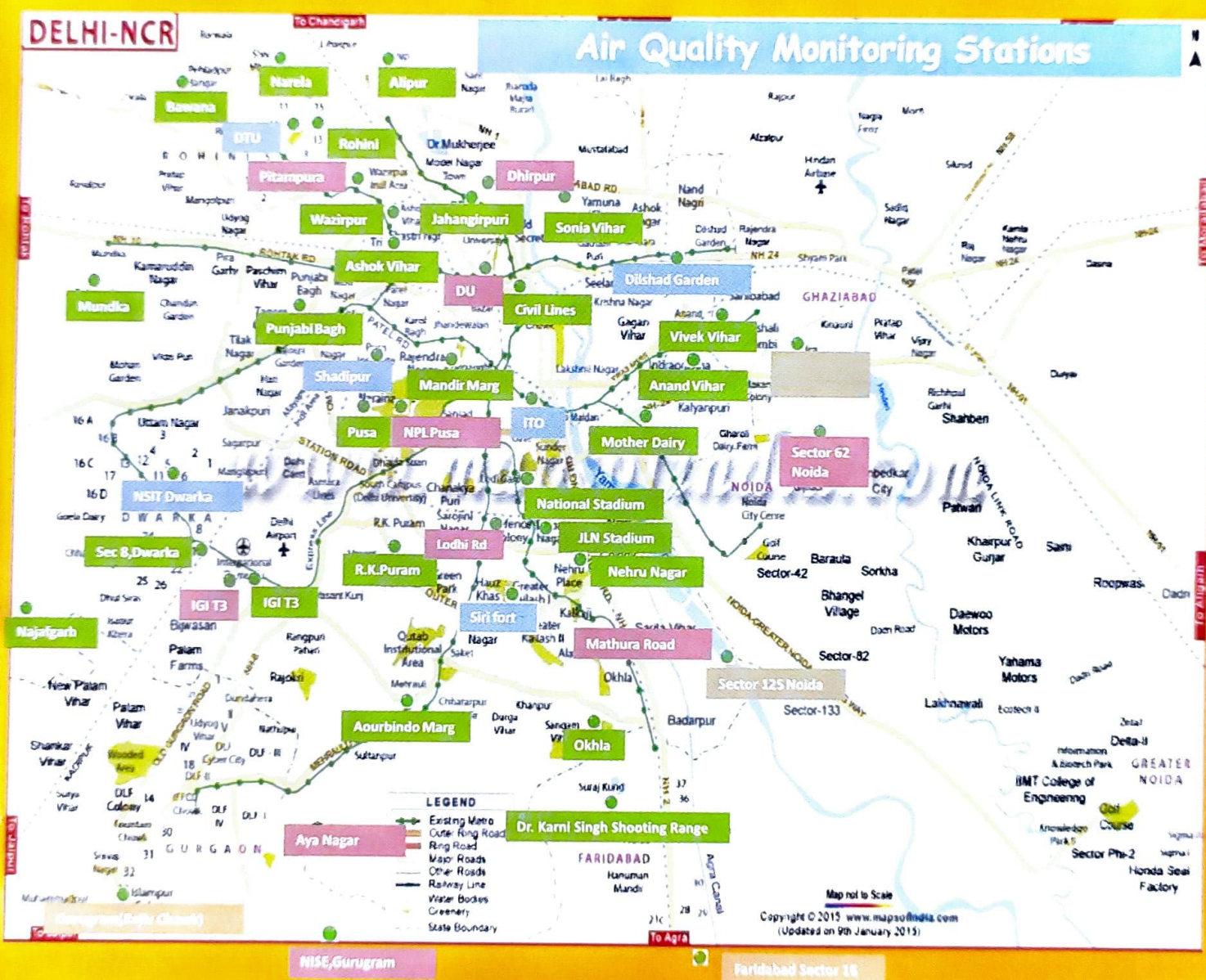
Following are some of the directives
recieved from the Department Of
Environment Government of NCT
Delhi on the given themes

- Preventing Noise Pollution
- Protecting City against Dust pollution
- Controlling air pollution
- Saving Yamuna
- NCT Delhi pollution control
commission directives

Pointers for Noise pollution to circulate amongst the students

- Say no to crackers during festivals & Important occasions
- Do not honk unnecessarily
- Do not use horn in identified silence zones
- Use the acoustic enclosure with DJ sets
- Shut the door/ barricade the area when using noisy machines
- Use the sound limiters with DJ and public addressing system
- Follow the noise rules and limits of noise level
- Go Green by planting trees
- Avoid use of multi toned/air horns in your vehicle.
- Always maintain your motor vehicles, Machineries etc. And its exhaust silencer in proper condition
- Keep the volume of the loudspeaker or sound amplification system low as not to annoy your neighbours.
- Do not make your neighbour a capacitive listener to your music system.
- Avoid use of loudspeaker in open.
- Avoid using horn expect emergencies.
- If someone violates the noise rules and creates excessive noise, complaint may be lodged at:
 - Helpline No. 155271
 - Website: ngms.delhi.gov.in
 - Green Delhi App

GRADED RESPONSE ACTION PLAN (GRAP) TO CONTROL AIR POLLUTION



Department of Environment

Govt. of NCT of Delhi

6th Level, C-Wing, Delhi Secretariat, IP Estate, New Delhi-110002

www.environment.delhigovt.nic.in

SEVERE + OR EMERGENCY

(Ambient $PM_{2.5}$ or PM_{10} Concentration value of $300\mu g/m^3$ or $500\mu g/m^3$ respectively persist for 48 hours or more)

**STOP ENTRY OF
TRUCK TRAFFIC
INTO DELHI
(EXCEPT ESSENTIAL
COMMODITY)**



**STOP
CONSTRUCTION
ACTIVITIES**



**INTRODUCE
ODD AND EVEN
SCHEMES FOR
PRIVATE VEHICLES**



TASK FORCE TO TAKE DECISION ON ADDITIONAL STEPS INCLUDING SHUTTING OF SCHOOLS

SEVERE

(Ambient $PM_{2.5}$ or PM_{10} Concentration value is more then $250\mu g/m^3$ or $430\mu g/m^3$ respectively)



**SHUT DOWN BADARPUR
POWER PLANT**



**INTENSIFY PUBLIC
TRANSPORT SERVICES**



**INCREASE FREQUENCY OF
MECHANIZED CLEANING OF ROAD
AND SPRINKLING
OF WATER ON ROADS**

VERY POOR

(Ambient $PM_{2.5}$ or PM_{10} Concentration value is between $121-250\mu g/m^3$ or $351-430\mu g/m^3$ respectively)



**STOP USE OF DIESEL
GENERATOR SETS**

**ENHANCE PARKING FEE
BY 3-4 TIMES**



**INCREASE BUS AND
METRO SERVICES**

STOP USE OF COAL/FIREWOOD



**RWA AND HOUSE OWNERS TO PROVIDE
ELECTRIC HEATERS TO SECURITY GUARDS TO
AVOID OPEN BURNING**

**ALERT BY ADVERTISEMENT TO
ADVISE PEOPLE TO AVOID POLLUTED AREAS**



MODERATE TO POOR

(Ambient $PM_{2.5}$ or PM_{10} concentration value is between $61-120\mu\text{g}/\text{m}^3$ or $101-350\mu\text{g}/\text{m}^3$ respectively)



Enforce/Stop garbage burning

Enforce all pollution control regulations in industries



Mechanical Sweeping and water sprinkling on unpaved roads on every two days

Heavy fine for visible emitting vehicles/ Enforcement of PUC norms.



Enforce rules for dust control in construction activities

Deploy traffic police for smooth traffic flow at vulnerable areas



Strict enforcement of diversion of non destined trucks and allow trucks registered after 2005 only to enter into delhi

Strictly enforce Supreme Court ban on firecrackers



Ensure fly ash ponds are watered

Inform people by social media





Do's

- ☞ For shorter distances, take a walk.
- ☞ Plan your shopping needs in advance to avoid repeated marketing using transportation.
- ☞ Carpool. Two-or four- can ride as cheaply as one.
- ☞ Get a valid Pollution Under Control Certificate from authorized testing center.
- ☞ Use CNG/Electric based Transportation.
- ☞ Switch off vehicles at Red Light in busy Signals.
- ☞ Carry out Plantation in the neighboring areas.
- ☞ Ensure that construction activities take place only in covered/barricaded areas.
- ☞ Take Piped Gas connection instead of LPG.

Don'ts


- ☞ Do Not burn Garbage/Plastic/Biomass.
- ☞ Don't use extensively your private vehicles, try to use public transportation whenever possible.
- ☞ Do Not burst Firecrackers.
- ☞ Avoid morning walk and outdoor exercises during severe and very poor Air Quality Index.

Department of Environment

Govt. of NCT of Delhi

6th Level, C-Wing, Delhi Secretariat, IP Estate, New Delhi-110002

www.environment.delhigovt.nic.in



DO's



Always maintain your motor vehicles, machineries etc. and its exhaust silencer in proper condition.



Ensure that your Diesel Generator Set is provided with acoustic enclosure.

Keep the volume of the loudspeaker or sound amplification system low so as not to annoy your neighbours.

Say No to Crackers.



Ensure that construction activities take place only in covered/barricaded areas.

Plant more and more trees to act as noise barrier.



Don't's

- Avoid using horns except at emergencies.
- Avoid use of multi toned/air horns in your vehicle.
- Avoid use of loudspeaker in the open.
- Do not use loudspeaker or any sound amplification system between 10.00 P.M and 6.00 A.M., except in closed premises.
- Do not make your neighbour a captive listener to your music system.
- Do not play fire-crackers between 10.00 P.M. to 6.00 A.M.
- Don't use horn in the silence zones.

Whom to Approach/Who can take action in case of violations of Noise rules.

- All Deputy Commissioners, Office of Divisional Commissioner, GNCTD
- All Sub Divisional Magistrates, Office of Divisional Commissioner, GNCTD
- Asstt. Commissioners of Police (Control Room & Traffic)
- All Sub Divisional Police Officers including Railways & Airports
- Chairman and Member Secretary of Delhi Pollution Control Committee, Delhi

You can instantly register your complaint/grievance regarding Noise Pollution:

1. By calling Delhi Police helpline No. 155271
2. By visiting website ngms.delhi.gov.in

DEPARTMENT OF ENVIRONMENT

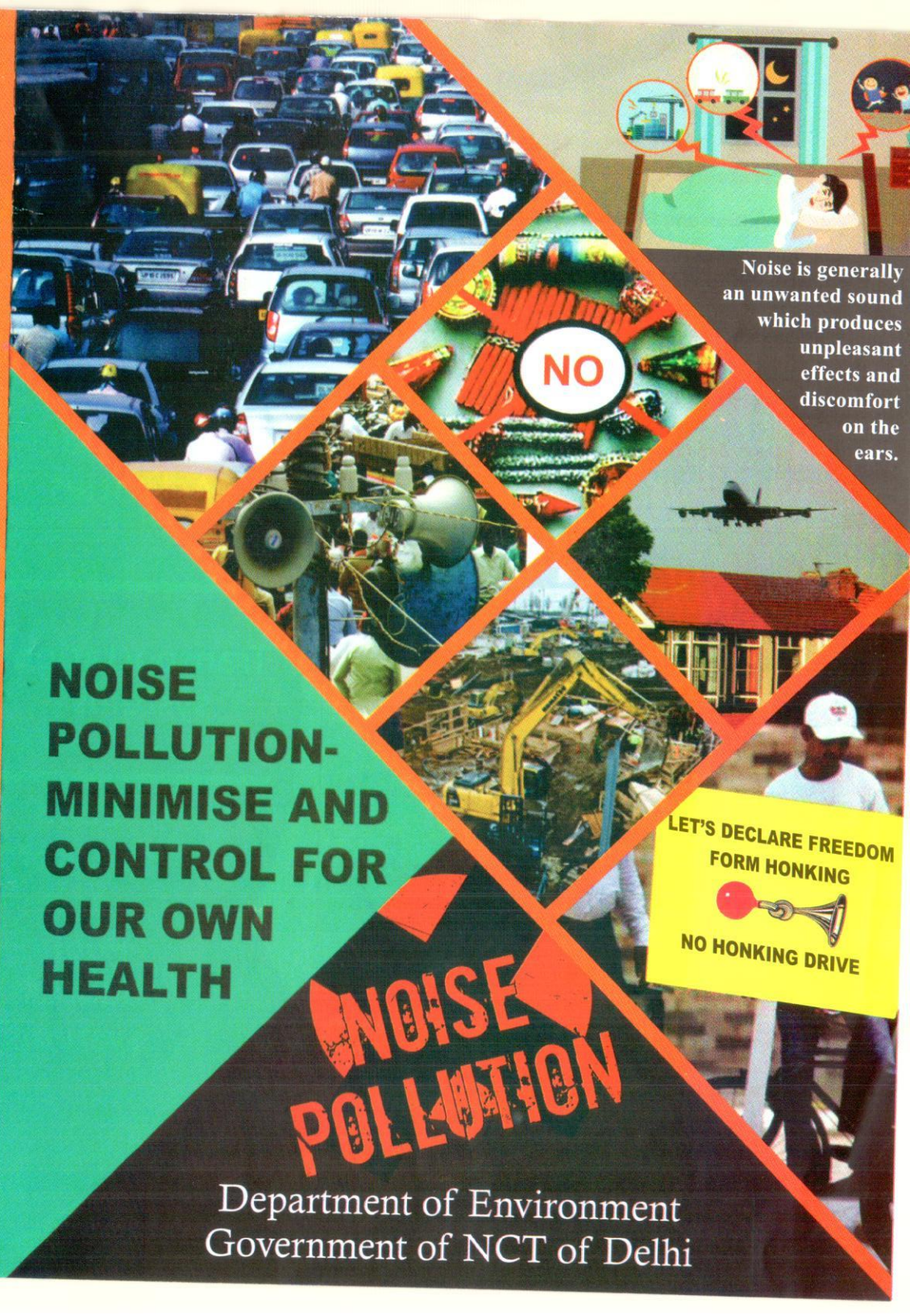
Government of NCT of Delhi

6th Level, C-Wing, Delhi Secretariat, Delhi - 110002

**NOISE
POLLUTION-
MINIMISE AND
CONTROL FOR
OUR OWN
HEALTH**

**NOISE
POLLUTION**

Department of Environment
Government of NCT of Delhi



Noise is generally an unwanted sound which produces unpleasant effects and discomfort on the ears.

Noise Pollution and it's Sources

Acts Related to Noise Pollution Control

- Air (Pollution and Prevention) Act, 1981
- Environment (Protection) Act, 1986
- Noise Pollution (Regulation and Control) Rules, 2000

Ambient Air Quality Standard in Respect of Noise

Category	Day Time	Night Time
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	40
All Values dB(A) Leq		

Industrial Activities

Transportation systems

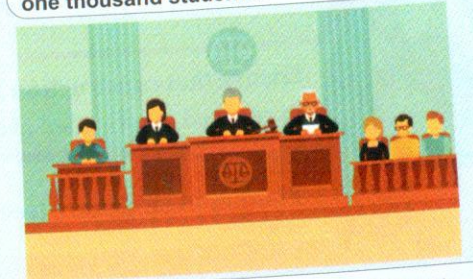
Loud speakers and Public address systems

Construction Activities

Notified areas as Silence Areas/Zones:



An area of 100 meters around all Educational Institutions having more than one thousand students.



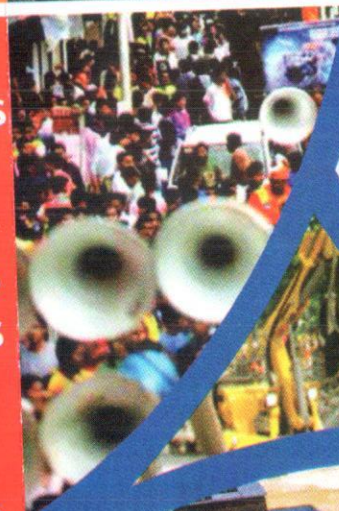
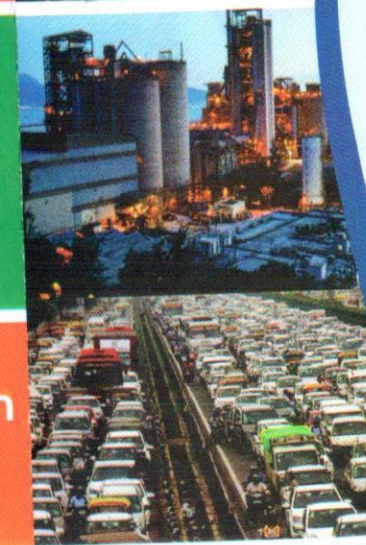
An area of 100 meters around all Courts.



An area of 100 meters around all Government Office Complexes.



An area of 100 meters around all 100 bedded and above hospitals.



DON'TS

- Do not discharge contaminated water in drains/ water bodies/ river.
- Do not throw plastic, garbage, religious material and other wastes in river Yamuna.
- Do not litter near water bodies including lakes, ponds, drains and river.
- Do not block/stop natural drains by constructing on drain or dumping wastes in the drain.
- Do not waste WATER, it is precious and life supporting .
- Do not immerse idols made of Plaster of Paris and baked clay or painted with chemical/heavy metals based paints.
- Do not let overhead water-tanks to overflow. Switch off water supply when they are full.
- Do not wash your car with a hose pipe.

Department of Environment

Govt. of NCT of Delhi

6th Level, C-Wing, Delhi Secretariat, I.P. Estate, New Delhi-110002

www.environment.delhigovt.nic.in

YAMUNA- THE LIFELINE OF DELHI



About the River Yamuna:

Yamuna is a sacred river and is the most important tributary of Ganga. It originates from Yamunotri glacier. Important pilgrimage centers like Yamunotri, Paonta Sahib, Mathura, Vrindavan, Bateshwar & Allahabad (now Prayagraj) are located on the banks of the river. In Indian mythology Yamuna is referred as the daughter of the Sun and sister of Yama. The baby Lord Krishna is believed to have been born on the bank of this river and is said to have freed Yamuna from "Kalia Nag."

The Yamuna's basin is one of the most fertile and high grain yielding river basins in the country and a boon for agriculture. River Yamuna is a 1,376-Km long perennial river and traverses through various states such as Uttarakhand, Himachal Pradesh, Haryana, Delhi and Uttar Pradesh. Apart from the capital city of Delhi, many large urban hubs and cities like Yamuna Nagar, Panipat, Sonapat, Gautam Budh Nagar, Faridabad, Mathura, Agra and Etawah are situated on the river's banks.

Yamuna is the lifeline of Delhi as its water is being harnessed from both of its banks for domestic, industrial and irrigation purposes. To meet the ever-growing water demand of the city, the river is tapped at three points-Wazirabad, ITO and Okhla barrages.

Sources of pollution:

These include, flowing of untreated sewage and industrial effluents, dumping of construction malba, unchecked disposal of solid waste (plastic, tins, aluminium foil, etc), religious offerings, use of chemical fertilizers/pesticides in the flood plains for agriculture and daily activities like bathing, washing clothes, bathing of animals, etc.

DOS & DON'TS:

Dos

- Sewer connections should be obtained by each and every house-hold in areas where sewer network exists.
- Conserve water. Follow the principle of reduce / reuse/ recycle while water usage.
- Use mug instead of running the tap while brushing teeth or shaving.
- Take shorter showers to reduce water consumption.
- Check your water bill to see how much water you are using.
- Encourage rooftop rain water harvesting and recharging wells/tanks.
- Kitchen waste water should be used for watering plants and other non-potable uses.
- Establish community nursery by using waste water.
- Remain vigilant so that no septic tank waste is discharged into the drains and should report any such incident. Septic tank waste is to be discharged at the designated points identified by DJB.

- Water conservation to be made a part of our daily routine.
- Promote the use of non-toxic liquid disinfectant and cleaners.
- Practice Waste Segregation at household level. Bio-degradable and non-biodegradable waste should be put in separate bins and no waste should be littered or thrown in drains.
- Practising recycle and reuse. Make compost out of vegetable peels and other food wastes which can be recycled for use as manure. If space does not permit, try this in pots/ containers.
- Stop chemical pollution-if you notice someone throwing chemicals into the drains/ river or water bodies, or hear about such an incident, inform your local authorities about the matter.
- Say no to single-use disposable plastics, Carry a reusable bag (cloth bag) when shopping.
- Plant trees in your locality and ensure their survival. Planting of trees and shrubs in garden, balcony, roof top or a terrace garden provide shelter to birds and helps in conserving urban biodiversity
- Make sure your home is free from water leakage. Maintain and repair plumbing fixtures regularly.
- Follow DPCC directions while performing Idol Immersion during Ganesh Utsav and Durga Pooja.
- Idol immersion to be conducted in artificial ponds specially constructed for the purpose all across Delhi.

A list of artificial ponds for Green Idol Immersion on the occasion of Ganesh Chaturthi & Durga Pooja 2019 can be viewed on the website of the Environment Department,
www.environment.delhigovt.nic.in



दिल्ली प्रदूषण नियंत्रण समिति

वायु प्रयोगशाला

5th तल I.S.B.T. बिल्डिंग कश्मीरी गेट दिल्ली-06

visit us at : <http://dpecocmms.nic.in>

ध्वनि प्रदूषण

ध्वनि प्रदूषण

ध्वनि प्रदूषण

अत्याधिक शोर के संपर्क में आने से तनाव, स्वास्थ्य में खराबी, संचार की कठिनाइयों और नींद की कमी से थकान, हृदय रोग, संज्ञानात्मक हानि और कानों में बजना या गूँजना जैसे गंभीर मुद्दों से लेकर स्वास्थ्य समस्याओं की एक श्रृंखला दिखाई गई है।

हम निम्नलिखित युक्तियों द्वारा ध्वनि प्रदूषण को कम कर सकते हैं:-

- त्यौहारों और महत्वपूर्ण अवसरों के दौरान पटाखे के लिए नहीं कहो।
- अनावश्यक रूप से हार्न न बजायें।
- डी.जी. सेट के साथ ध्वनिक संलग्नक (Acoustic Enclosure) का प्रयोग करें।
- ध्वनि करने वाली मशीनों का उपयोग करते समय दरवाजा बंद रखें।
- डी.जे. और सार्वजनिक संबोधन प्रणाली (Public addressing System) के साथ ध्वनि सीमक (Sound Limiters) का उपयोग करें।
- ध्वनि नियम तथा ध्वनि सीमा स्तर का पालन करें।
- पेड़ों की योजना बनाकर पर्यावरण को अनुकूल बनायें।

यदि कोई ध्वनि नियमों का उल्लंघन तथा अत्याधिक ध्वनि प्रदूषण करता है। (शिकायत दर्ज की जा सकती है)

हेल्प लाईन न0 155271 तथा वेबसाइट ngms.delhi.gov.in



दिल्ली प्रदूषण नियंत्रण समिति

वायु प्रयोगशाला

5th तल L.S.B.T. बिल्डिंग कश्मीरी गेट दिल्ली-06

visit us at : <http://dpccocmms.nic.in>

सार्वजनिक सूचना

ध्यान दें: दिल्ली के सभी नागरिक

माननीय राष्ट्रीय हरित अधिकरण (NGT) ने OA No. 519/2016 में हरदीप सिंह और Ors बनाम दक्षिणी दिल्ली नगर निगम तथा Ors दिनांक 27.09.2018 और 14.03.2019 के आदेशों के मामले के लिये हेल्प लाईन न० 24x7 और एक विशेष वेबसाइट को चालू करने के लिये जो कि डीसीपी और एसडीएम द्वारा संयुक्त रूप से निगरानी में रहेंगे, के लिये मैं निर्देश दिया है।

इस संदर्भ में पुलिस नियंत्रण कक्ष में हेल्प लाईन न० 155271 दिनांक 5 अप्रैल 2019 और एक विशेष वेबसाइट ngms.delhi.gov.in को राष्ट्रीय राजधानी क्षेत्र (NCT) दिल्ली के राजस्व विभाग द्वारा जुलाई 2019 के अंतिम सप्ताह में लान्च किया गया था। यह अनुरोध किया जाता है कि उपरोक्त हेल्प लाईन न० और वेबसाइट पर ध्वनि प्रदूषण के संबंध में किसी भी उल्लंघन की सूचना दी जा सकती है।

हस्ता / -

(अरुण मिश्रा)

विशेष सचिव (पर्यावरण) सह
सदस्य सचिव, दिल्ली प्रदूषण नियंत्रण समिति



DELHI POLLUTION CONTROL COMMITTEE

Air Laboratory

5th Floor I.S.B.T. Building Kashmiri Gate Delhi-6

visit us at : <http://dpccomms.nic.in>

NOISE POLLUTION

NOISE POLLUTION

NOISE POLLUTION

Exposure to excessive noise has been shown to cause a range of health problems ranging from stress, poor concentration and productivity losses in the workplace, and communication difficulties and fatigue from lack of sleep, to more serious issues such as cardiovascular disease, cognitive impairment, and tinnitus.

We can reduce noise Pollution by following mentioned Tips:

- Say No to Crackers During Festivals & Important Occasions. ...
- Do not Honk! Unnecessarily. ...
- Use The Acoustic Enclosure with D.G. Sets. ...
- Shut the Door when using **noisy** Machines. ...
- Use the Sound Limiters with D.J and Public Addressing System. ...
- Follow the Noise Rules and Limits of **Noise** level. ...
- Go Green by planning trees.

If someone violates the noise rules and creates the excessive noise
(complaint may be lodged)

Help Line No. 155271 and Website **ngms.delhi.gov.in**

DEPARTMENT OF ENVIRONMENT AND FOREST

NOTIFICATION

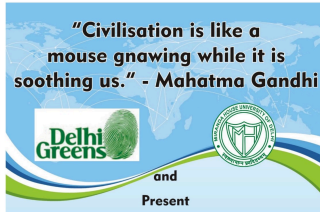
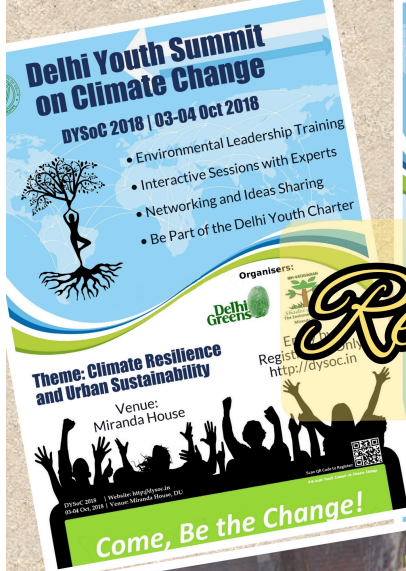
Delhi, the 21st November, 2019

F.No. DPCC/(10)(10....)/Leg 18/Vol -I/2019/6159.—In exercise of the powers conferred by sub-rule(3) of rule 3 and sub-rule (3) of rule 5 read with clause (c) of rule 2 of the Noise Pollution (Regulation and Control) Rules, 2000, the Hon'ble Minister (Department of Environment and Forest), National Capital Territory of Delhi is pleased to designate the District Magistrate, Police Commissioner or any other officer not below the rank of the Deputy Superintendent of Police and other officer of the concerned Local Bodies to take into consideration all aspects of noise pollution as a parameter of quality of life to avoid noise menace and to achieve the objective of maintaining the ambient air quality standards in respect of noise.

The above authorities are also under obligation to ensure that no audio system or public address system shall be let out / installed without being fitted with Sound limiter in any Government or non-Government function in the whole of National Capital Territory of Delhi. Further no Sound System should be sold/ purchased / supplied / used by any manufacturer / dealer / shopkeeper/ any agency who lets out the Public Address System etc./ individual without having sound limiter in it.

This issues with approval of Hon'ble Minister (Environment and Forest).

KAUSHAL KISHORE, Dy. Secy.



Fourth Delhi Youth Summit
on Climate Change
(DYSOC 2018)
A Two-Day Environmental
Leadership Training Programme

03 and 04 October 2018
Miranda House, University of Delhi

Greening Partners:







Following are the annual reports of
the years :

2017-18, 2018-19
&
2019-20

MH Vatavaran Annual Report 2017-18

MH Vatavaran began its activities for 2017-18 session by observing World Environment Day on 5 June 2017. The students who were present at DSKC Summer Internship Orientation took the pledge for Swachh Bharat. An online poster making competition was organised with the theme *Waste Management*. Two Chemistry students won the competition jointly.

The Freshers' Talent Search for MH Vatavaran was organized on 16 August 2017. This was in the form of a slide show/ PowerPoint presentation-making competition on an environment-related theme in which all I Year Society members participated. MH Vatavaran members undertook Anti-litter Drives on 11 and 13 September 2017 to clear the litter due to DUSU election posters and pamphlets lying around the campus. Groups of 30-40 volunteers and some faculty advisers participated on each day to clean the area surrounding Miranda House and Vishwavidyalaya Metro Station. The paper waste collected was sent to the Miranda House Paper Recycling Plant. MH Vatavaran student volunteers also participated in anti-litter drives organised by No-poster Party on various days.

On 15 September 2017, MH Vatavaran invited the Sukhmanch Theatre Group to perform a street play *Paryavaran* highlighting various environmental issues. The play, performed by a team of 35 people in the café lawns, attracted a large and appreciative audience during the lunch break.

Students of Miranda House and SGTB Khalsa College jointly organized a peaceful march on 16 September 2017 to celebrate International Ozone Day. The intention was to create awareness about the Ozone Layer and its protection. 35 student volunteers of MH Vatavaran joined the students from Khalsa College for the walk which started at Khalsa College, passed Miranda House and terminated at the Vishwavidyalaya Metro Station.

A team from Miranda House consisting of 35 students and 2 faculty members attended the Inaugural Session of the Global Wildlife Conference on 2 October 2017. The conference was organized at Hotel Ashok jointly by Ministry of Environment, Forests and Climate Change (MoEFCC), Government of India and UN Development Program.

An event on Water Conservation was organised by MH Vatavaran in collaboration with CMS Vatavaran on 13 October 2017 as a prelude to the 9th Centre for Media Studies (CMS) Vatavaran Environment Film Festival. Two short documentaries, *The Battle Begins* and *Kosi – Injustice with Millions*, were screened in the College. An article-writing competition on the topic *Urban Water in India: Problems and Solutions* was also a part of the event. Winners of the competition were Nikita of B.El.Ed, Yachika of Physics (H) and Shambhavi of B.A. Programme.

MH Vatavaran carried out Eco-Friendly Diwali campaign on 16 October 2017 along with Petroleum Conservation Research Association (PCRA). A van with posters depicting harmful effects of crackers and suggestions for eco-friendly Diwali designed by PCRA visited Miranda House. A large group of volunteers interacted with PCRA officials about the idea of Green Diwali and pledged to celebrate and promote an eco-friendly Diwali. A stall for sale of MH Paper Plant and Compost Plant products was also put up at the ongoing college Diwali Mela.

Miranda House was invited by the Centre for Media Studies (CMS) to collaborate in the organization of the 9th CMS Vatavaran Environment Film Festival being held from 2 to 6 November 2017 at Gandhi Smriti grounds, Rajghat. A team of 20 student volunteers from MH Vatavaran participated in decorating part of the venue for the Film Festival. Student volunteers from the Society also put up a stall of MH Paper Plant and Compost Plant

products and posters depicting the sustainable development activities going on at Miranda House. Many schools, NGO's and environment enthusiasts visited the stall and appreciated the activities. Groups of 15-20 students also attended workshops, discussions and film screenings on various days of the Festival.

The National Institute of Urban Affairs (NIUA), New Delhi organized twelve Swachh Bharat Mission Exposure Workshops for officials from Urban Local Bodies (ULB) in different parts of India between May and October 2017. The participants of these workshops visited the Waste Management Facility at Miranda House as a model of efficient waste management by an institution. Teams of MH Vatavaran student volunteers and faculty advisers showed the officials around the Paper Recycling and Compost Plants during each of these visits. Interacting with municipal officials from different parts of India was a learning experience for the volunteers.

Different groups of MH Vatavaran volunteers also participated in other workshops and seminars during the academic session 2017-18. These include

- Workshop on prohibition of open burning of any kind of material: Delhi Secretariat, 14 September 2017 organized by Department of Environment, Government of NCT of Delhi
- Ozone Day Celebrations at Mahatma Gandhi Institute, Alipur organized by Department of Environment, Government of NCT of Delhi
- Pre-Challenge Work Lab – Need for sustainable lifestyle: organized by TERI University in association with Embassy of Sweden and Eco Club Initiative of Delhi government at TERI University on 1 December 2017
- Workshop on Sustainable Development Goal (SDG) Goal no. 13 – Combating climate change Mahatma Gandhi Institute at Alipur, 15 December 2017 organized by Department of Environment, Government of NCT of Delhi.
- Programme on National Science Day at Mahatma Gandhi Institute, Alipur organized by Department of Environment, Government of NCT of Delhi

A team of students and faculty from Lynchburg College, Virginia, USA were on an official visit to Miranda House on 5 January 2018. The US team, led by Ms. Kara Hoxworth, visited the college Recycling Unit and purchased a number of paper products to carry back with them. Following up on the Pre-Challenge Work Lab conducted by TERI University as mentioned above, a number of MH students registered for the 7 Days Challenge for Sustainable Development held from 17-23 January 2018 and four students were shortlisted for the next round.

MH Vatavaran organised a walk to create awareness about petroleum and fuel conservation on 12 February 2018 in association with Hindustan Petroleum. The walk started from Narayana Service Station, Khyber Pass and terminated at Miranda House front gate. Around 50 students took a pledge to use petroleum products efficiently and to spread the message. Students interacted with passersby and persuaded them to take the pledge. Student volunteers also spoke to the drivers of cars which stopped at the red light near the college gate.

The two competitive events hosted by MH Vatavaran during Tempest 2018, the college Festival were *EnviroQuiz* and *Green Fun* on 21 and 22 February 2018 respectively. *EnviroQuiz*, an event for 2-member teams, had two rounds: a film-based quiz in which participants answered questions after carefully watching a 25-minute documentary *Race to Save the Amur Falcon* kindly provided by CMS Vatavaran. Subsequently, there was a Crossword Round where teams had to solve a crossword puzzle on the environment. The two rounds were additive. Fourteen two-member teams from different colleges participated. Both

the first and second prizes went to MH. *Green Fun* was a novel event in which participants had to illustrate how fun could be eco-friendly through enactment, music or declamation. There was enthusiastic participation with teams singing, dancing and making speeches. Prizes again went to MH with Shivaji College earning a Certificate of Appreciation for their skit. In addition to the competitive events, recycled paper and compost were also put on sale as is customary in all college events.

An online poster-making competition on *The Benefits of Recycling* was held on the occasion of Global Recycling Day on 18 March 2018. The upcoming event of MH Vatavaran scheduled for 5 April 2018 is the talk on *Wastewater as a Resource out of Place* by Dr. Ranjana Ray Chaudhuri, Department of Regional Water Resources, TERI School of Advanced Studies.

- Nishtha Chaudhary
President MH Vatavaran

MH Vatavaran
The Miranda House Environment Society

Annual Report 2018-19

A team of four students from MH Vatavaran participated in decoration at the stall put up by the NGO CMS Vatavaran at Vigyan Bhawan, Delhi, during World Environment Day Awareness Drive from 1-5 June even before the current academic session started. The theme of the drive was 'Beat Plastic Pollution'.



The orientation of new Society members was held on 3 August 2018. It was attended by around 30-40 students from all the years. The students were briefed about the Society and its agenda. They were also introduced to paper plant and compost plant activities. The Freshers' Talent Search was held on 23 August 2018. The freshers participated in a short video-making competition on the theme Beat Plastic Pollution and were supposed to give ideas on how to reduce plastic usage in Miranda House. All the First Year society members participated in the competition. The First Prize went to Divya of Economics Honours, the Second Prize to Swati Nayak of Botany Honours and the Third Prize was again bagged by Economics Honours students Yashita Garg and Vanshika Tomar.

On 31 August 2018, Miranda House in association with Institute of Bioresources and Sustainable Development (IBSD) North East chapter organized a Conclave on *Biodiversity for Everyone's Life*. MH Vatavaran volunteers participated in the Conclave and helped in organizational work. On this occasion, the Society also organized a Short Video Film/PowerPoint Presentation Making competition on the theme *Biodiversity in and around My Campus*. Rachna Yadav and Satakshi Sharma bagged the First Prize in the Video category with Sanjwala Mukund and Vandana coming second. The First and Second prizes in the PowerPoint category were won by Srijan Singh and Nikita Malik and Riya Saha and Mahima Kapoor respectively.

In keeping with its annual tradition, MH Vatavaran, in collaboration with NSS, organized an Anti-litter Drive on 11 September 2018 to clean up the paper waste lying scattered around the campus due to discarded Students' Union election posters. A group of 80-90 people, consisting of volunteers and faculty advisers, participated in cleaning the area surrounding Miranda House by picking up waste paper. The approximately 9 Kg of paper waste collected was sent to the Miranda House Paper Recycling Plant.



MH Vatavaran in collaboration with NSS Miranda House organized an introductory seminar on eco friendly disposable bags made by Smart Company on 24 September 2018. Smart Company officials introduced the Miranda students to their eco-friendly garbage bags and sanitary napkin disposal bags which can biodegrade within six months. These seemed to be a better option than harmful plastic bags. The sixty-strong audience consisted of both MH Vatavaran and NSS volunteers and advisers.

IBSD and MH Vatavaran collaboratively organized a talk on Climate Change and Global Warming in the context of Assam by Dr. Santana Saikia Naorem (Assistant Professor, Department of Zoology, Cotton University, Gauhati). Members attending the talk came to know about the beautiful culture and biodiversity of Assam. The speaker also referred to the changing nature of vegetation in Assam in recent times.



The Fourth Delhi Youth Summit on Climate Change (DYSoC) 2018 was organized jointly by Delhi Greens and Miranda House and hosted by Miranda House on 3 and 4 October 2018. The Summit brought together the youth from across the NCR and engaged, inspired and trained them to address the various urban environmental challenges in the wake of climate change. Thirty selected candidates from MH Vatavaran along with other students participated and developed a youth charter for fighting the climate crisis and ensuring urban sustainability of India's National Capital Territory. The summit concluded on a note of optimism and determination to make a difference.



A Poetry Writing competition was organized by MH Vatavaran on the occasion of Diwali. The theme of the competition was 'Pollution: The World is Choking'. The participants were supposed to write a poem in Hindi or English on the theme and submit online by 7 November 2018. Around 15-20 entries were received from MH Vatavaran volunteers and other students. A stall for the sale of MH paper plant and compost plant products was also put up at the NSS Diwali Mela. Mahima Arora (B.A. Programme) and Sanjwala Mukund (Sociology Honours) got the first and second prizes respectively while Kaju Bhojak (Chemistry Honours) got an encouragement prize.

MH Vatavaran volunteers participated in conferences and seminars held in other institutes. These include:

- Two-day youth conference, Delhi University Sustainability Forum (DUSF), 11-12 October 2018;
- Two-day youth conference, DUSF organised by Harithkram, The Environment Society of Shaheed Bhagat Singh College. MH Vatavaran volunteers helped in organizational work;
- Climate Jamboree organised by TERI School of Advanced Studies and Dalmia Cement in June 2018 and November 2018 and Finale of the event held from 1-3 November.
- Annual Fest Hindu Earth organized by Panchtatva, the Environment Society of Hindu College. Two teams from MH: Rashi Wadhwa-Anju and Sadaf Sana-Palak Awasthi participated in the quiz competition held at the Fest.

Dr. Shyamala Mani and 2-3 faculty members of TERI School of Advanced Studies along with a group of 17 students visited Miranda House Recycling Plants on 20 November 2018. MH Vatavaran members interacted with them and enlightened them about the technology of solid waste management being followed in the college. The visitors were appreciative of the recycling efforts of MH which includes conversion of food waste and horticultural waste to compost, used paper recycling and making of recycled paper products.

MH Vatavaran organized two events during Tempest 2019. EnviroQuiz (a film-based quiz) was held on 14 February, Day 1 of Tempest. Around 15 teams participated in the competition from MH and other colleges participated in the competition, which was based on a short film on Chernobyl.

Winners of the competition were: Poornima-Yashi Yadav 1st prize; Karisma Agrawal-Garima Singh 2nd prize; Niharika-Pragati 3rd prize.



On Day 2 of Tempest, 15 February, MH Vatavaran organized a Walkathon from the HP petrol pump at Khyber Pass to Miranda House to spread awareness about fuel saving. Three faculty advisers also participated in the Walkathon along with student volunteers. The MH volunteers and faculty members were requested by HP staff to inaugurate the newly constructed Women's Restroom at the petrol pump. There was a competition after the event in which participants shared their experience of the walkathon and gave suggestions to HP on how to spread the message about saving fuel in a more efficient way. The First, Second and Third prizes were awarded to Sheetal Jangra, Priyanka and Sulochna Meena respectively.



— Asha Pandey
President, MH Vatavaran

**MH Vatavaran
The Environment Society
Miranda House**

Annual Report 2019-20

This academic year has been a very fruitful one for MH Vatavaran. Even before the session began, a number of activities were taking place. In June 2019, a plastic bottle garden was made by the Society using recycled bottles, under the guidance of Dr Divya Agarwal. Plants like Sadabahar, Arrow-headed Plant, Money Plant, Spider Plant and Cactus were planted in a collection of identical yellow used plastic jars on a soil-less medium made of nutrient pellets. These were then nailed to the wall of the College compound near the MH Recycling Plants in the shape of M and H to spell out the College initials.

On 26 July 2019 a session was organised by *Envirar*, in which Ms Puneet Dhillon, Associate Director Marketing, Envirar spoke about the significance of environmental awareness and sustainable practices in an interactive session with the students. Ms Dhillon also briefed the students about the Campus Ambassador programme, wherein students can represent the Envirar Application in the College. She also introduced an app that allows individuals to adopt plants and monitor their wellbeing. At the end of the programme, a quiz was organised, the winners of which received #Ecowarrior badges. At the end, the participants pledged to become Eco-Warriors. On the same day, a workshop was conducted by the *Youth Alliance of India* on *Earth-Shastra*. The Earth Shastra session was an immersive journey for students to explore the relationship between Ecology, Economics and the Human Self. Around 56 students participated in both the events.

The annual Orientation Programme of MH Vatavaran was organised on 31 July 2019. The event began with the newly elected Union members introducing themselves, followed by screening of a presentation about the Society: its Vision, Goals, Organisation and Responsibilities. Future plans of the Society were also outlined. Later, the Convener of MH Vatavaran, Dr Bani Roy and the Senior Adviser, Dr Amrita Tripathi Sheikh discussed with the enthusiastic volunteers about how they could contribute to MH Vatavaran as well as to society as a whole by inculcating sustainable habits. Afterwards, the students visited the Paper Recycling Plant and the Compost Plant of the College, and the nuances of paper recycling and composting were explained to them. Students were full of zeal to contribute their bit towards environmental conservation. A total of 102 students attended the Orientation Programme.

During the month of August, WWF-India collaborated with MH Vatavaran for taking the *UN Tide Turner Challenge*. For this programme, WWF-India organized a workshop on 'The Young Leaders Plastic Challenge'. Fourteen students from Miranda House attended this event, held at WWF-India, Lodhi Road. Several short films depicting the grave consequences of our unsustainable lifestyle were shown, one of them being about the choking of seabirds on discarded plastic. Volunteers came to know about Afroz Shah, a lawyer-turned-environmentalist, who has been instrumental in organising intensive cleaning of beaches. Students were given a

toolkit to lead a cadre of 40 students from their respective institutions to carry out activities for awareness generation and reduction of the plastic burden. All the MH participants cleared the first level of the 3-level challenge and two students successfully completed the challenge.

Swachhta Pakhwara (Cleanliness Fortnight) was celebrated by MH Vatavaran in collaboration with NSS, Miranda House in August. During this drive, students took an oath to keep their surroundings, including the College campus, clean. Several cleanliness drives were organised for three consecutive days. Around 33 students participated during the entire drive.

The month of September began with the initiative ‘Single-Use Plastic Free Miranda’. This drive was conducted in association with the Department of Geography and the E-cell of Miranda House. During the drive, MH Vatavaran volunteers encouraged students to minimize the use of single-use plastic wherever possible. An awareness drive was carried out to enlighten the students about the adverse environmental effects of single-use plastic and the alternatives that are available. A signature campaign was also conducted. A google form was circulated for the same and around one thousand students filled up the form. An anti-plastic campaign, #IAmAgainstPlastic, was organised, under which, ‘Carry Your Own Cup’ was a drive in which all members of the MH community – students, faculty and non-teaching staff – were requested to carry their own cups so that they do not need to use plastic cups. More than one thousand students participated in the campaign.

On 3-4 September, MH Vatavaran, in collaboration with the NGO CMS Vatavaran, organized a two-day conclave *Celebrating the Himalayas*. On the first day, a short film titled *Global Warning, Kashmir Chapter* was screened followed by a quiz. In the quiz, the first position was bagged by Aishwarya and Sneha. The second position went jointly to two teams, Simran and Geetika, Anjali and Badal. After the quiz, Dr Govind Singh from the NGO *Delhi Greens* delivered a talk *Our Himalayan Responsibilities*. The highlight of the second day was a Panel Discussion on the conclave theme with panellists Ms Tilotama Varma (IPS, Addl. Director, Wildlife Crime Control Bureau), Dr Sushma Moitra (ex-Associate Professor, Department of Botany, Miranda House) and Ms Anu Jogesh (Policy and Governance Head at *Acclimatise*). A total of 103 students attended the conclave.

The United Nations Environment Programme (UNEP), in partnership with Ministry of Environment, Forests and Climate Change (MoEFCC) Government of India, United Nations Development Program (UNDP), United Nations Industrial Development Organization (UNIDO) and UN Women organised an Innovation Summit and exhibition at Janpath on 10 and 11 September 2019 with 7 central themes: Clean Energy, Water, Smart Agriculture, Electrical Mobility, Air Pollution, Cooling and Waste Management. Miranda House was represented by 4 students, Jyoti, Khushi, Anushka and Shinytha.

Like every year, MH Vatavaran organized a post-election Anti-Litter Drive in association with NSS on 13 September 2019 to collect the pamphlets and posters strewn around the campus during campaigning for the Delhi University Students’ Union (DUSU) elections. Around 25 MH Vatavaran volunteers participated in it. The waste collected was taken to the paper recycling

plant so that it could be converted into pulp and later be made into beautiful folders and notebooks by the Paper Plant staff and Society members.

On 25 September 2018, at the event Circular Economy of Plastic Waste and Excellence Awards for Academia and Community 2019 organised by Pandit Deendayal Upadhyaya Smriti Sansthan, Miranda House received Excellence Award “For delivering Excellence in the area of Environment and Society”. A few MH Vatavaran volunteers accompanied the Principal and some faculty members to the award ceremony held at NDMC Convention Centre, Sansad Marg.

MH Vatavaran has an ongoing collaboration with WWF-India for the project ECHO 2020 on Sustainable Development. On 27 September 2019 a workshop was organised in WWF-India, Lodhi Estate for the prospective participants of ECHO 2020. Teams from different educational institutions were required to identify a specific environmental issue, find solutions/alternatives, generate awareness about the problem and its solution, reduce impact of the identified problem and encourage community/youth action. After the workshop, the Miranda House team of 4 students submitted their project idea, the major thrust of which was reducing the consumption of single-use plastic in the campus. The project was selected by WWF-India for implementation. Under the project, the MH team with volunteers of MH Vatavaran conducted a survey on the amount of plastic used in the College eateries. It was a matter of satisfaction for them to find that due to the sustained effort by MH Vatavaran and the MH Students’ Union, spearheaded by Geography students and faculty over the last year, the consumption of single-use plastic in the College had already been reduced considerably. PAM, Nescafé and the MH Cafeteria i.e., the eateries of the college, use steel/ wooden cutlery and paper or porcelain cups.

On 27 September 2019 an Anti-Litter Drive was organised to collect discarded paper from all around the college campus. 45 students volunteered for the drive. In October, enthusiastic volunteers visited the Delhi Green Show, where they saw a great variety of plants and observed innovative ways of reusing waste material. In the annual Diwali Mela *Onella* of the College, students volunteered to monitor different parts of the College as per a roster in order to ensure that there was no litter during and after the event. Products from the paper recycling plant (registers, notebooks, folders, etc.) as well as manure made in the college were sold at the MH Vatavaran stall. Students also made posters and organised plastic bottle collection drives. The green wave has spread in the College. In addition to eateries stopping plastic cutlery and cups, students, too, have learnt to say ‘no’ to plastic and are doing their bit to ensure sustainability. Packaging material also involves newspapers or recycled paper sheets instead of plastic bags now.

On 28 January 2020, MH Vatavaran collaborated for an event on Food Challenge with NET IMPACT Delhi University which is an international organization of students and works on environmental and social issues worldwide. The event aimed at ‘sustainable solutions to pivotal issues in food and agriculture’. The organization launched a global competition where students have to give solutions for various problems like how to increase the available food to meet the current demand keeping in mind that the solution should also reduce the emission of greenhouse gases.

From 11 February to 14 February 2020, MH Vatavaran celebrated ‘Sustainability Week’ as a part of ECHO 2020 project under WWF-India. On 11 February 2020, a Nature Walk was held in the College with students walking around the College grounds observing the vegetation along with experts from WWF-India and some Botany faculty members. On 13 February 2020, MH Vatavaran volunteers participated in two activities held in parallel – a visit to Yamuna Biodiversity Park and a *Save Petroleum* Walkathon in collaboration with HPCL from Miranda House to the HP petrol pump on Khyber Pass and back. On 14 February, a Bird Watch was organised in the College under the ‘Great Backyard Bird Count’ for the students to experience and appreciate the diversity of birds in the campus led by Zoology faculty and students. A total of 18 species of birds were observed. Students got to see species like shikra, Eurasian collared dove, green pigeon, black-headed barbet, rose-ringed parakeet and many more.

Currently, MH Vatavaran is collaborating with a group of MH students who call themselves *Change in Range* to reorganise the solid waste management system in the College so that in addition to biodegradable waste and paper waste, which are already being taken care of at the MH Recycling Plant, plastics and other recyclables can also be segregated and disposed of suitably. The campaign includes holding awareness generation workshops for segregation at source and placing multiple bins at strategic locations in the College.

Also on the cards for this academic session are the activities under Tempest 2020 to be held in March – a Film-based Quiz, an event on Gandhian Views on the Environment to mark 150 years of Mahatma Gandhi and a photography competition on Sustainable Options.

Chetna
President, MH Vatavaran



MH VATAVARAN

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