

Crafting a Green World

The newsletter of Kalpधरा
ECO- CLUB
KALINDI COLLEGE
UNIVERSITY OF DELHI
2021-2022



Prof. Anula Maurya
Principal

From Principal's Desk

It gives me immense pleasure to know that the Kalpधरा—the ecoclub of the Department of Environmental Science, Kalindi College, is coming up with the first volume of its newsletter. The newsletter is an excellent way to showcase the talents of young eco-warriors in translating theory into practise for environmental conservation. The current climate change crisis threatens humanity across the globe.

In this context, the release of this newsletter is very timely as it represents the talents and the consciousness of young minds to adapt, mitigate, and address various challenges that may arise in coming decades. I am confident that this newsletter will give a sense of satisfaction to the ecoclub members after their hard work comes to life. On the other hand, I am fully confident that readers will greatly benefit from the information presented in the newsletter and will become more aware of the problems of climate change. This will help to reconcile environmental conservation and economic development. I wish all the participants and editorial team the very best from Kalindi College.

Message from Convenors



Dr. Sudesh Bhardwaj Convenor

It gives me immense pleasure to be associated with kalpधरा, and its entire team. Words fall short to describe the joy one experiences while working with this strong team. Throughout the year the team had been working for the conservation, protection and nurturing of environment.

It may be noted that the main objective of the club is to sensitize the youth, academia, and the general masses to preserve the environment in all its manifestation and to foster respect and amity among the various existing ecosystems.

The club was actively engaged in organising various activities like Earth Day, World Ozone Day, Vayudoot - a campaign to combat rising air pollution, Jaiv-Sanrakshan: an initiative for bio diversity conservation, Ahar Kranti - an initiative for eco-friendly diet and food habits and so on.

Overall, the club had been planning and executing policies keeping in mind the goals set and envisaged by the Government of India. I whole heartedly welcome you to another issue of the Newsletter "Kalpdhara" with the theme Crafting a Green World for the academic year 2021-22.

Message from Convenors

Dr. Mayank Krishna
(Co-convener)

"Climate change and its impacts will persist for many centuries." With this line, the Intergovernmental Panel on Climate Change has captivated the attention of the global intellectual landscape. This emphasises the importance of raising awareness and motivating citizens, particularly young minds, to instil the value of environmental conservation.

Kalpdhra-the ecoclub under the department of Environmental Sciences undertakes activities pertaining to different domains of the environment. The present newsletter highlights various activities carried out by the young eco-warriors throughout the academic session through which these students translate the theoretical knowledge gained in the classroom into practise to solve real-world problems.

The philosophical premise of the eco-club is that "there is no life without nature." That underpins the crucial role that needs to be played by every human being to conserve, protect, and sustainably use the resources provided by nature, an idea envisioned in the sustainable development goals.

I congratulate the participants and the office bearers of the eco-club for bringing the first issue of the newsletter and sincerely hope that this trend continues in the future too. I wish all the participants the very best for their future endeavours.

Message from Convenors

Mr. Saurabh Kumar Singh
(Co-convenor)

Youth of a country shapes the destiny and future of the nation. Across the globe when climate crisis threatens the survival of humanity it becomes pertinent that younger generation remains aware of the current environmental issues, participate in action-oriented programme focused on curbing the impacts of climate change across the globe.

As a faculty in the department of environmental sciences kalindi college and as a co-convenor of kalpdhra-the ecoclub associated with this department it gives me immense pleasure to witness the release of newsletter showcasing the translation of theoretical knowledge gained in the classroom into practice for a safer and greener world.

I sincerely hope the readers will be immensely benefitted after going through the newsletter and this will motivate all the faculties, students and upcoming batches to be more environmentally conscious for saving our common future. I wish all the participants very best in their future endeavours.

CLUB DESCRIPTION

VISSION

We are a team of teachers from, “The Department of Environmental Studies”, and students working with a Vision to create awareness, ignite and motivate young minds to adopt and practice Green and Environment-Friendly Practices for a sustainable future and achieve the envisaged sustainable development goals in the era of Anthropocene.

We aim to reach all sections of society and sensitize them about the crucial methods & measures Which need to be taken to combat or eliminate climate change and socio-Environmental problems because a safe and healthy environment is premium for the survival of humans. We, Humans, are the biggest beneficiaries of Earth’s environment & natural resources and we also have the biggest moral and ethical responsibility/duty to Conserve the same.

And we are delighted to proclaim that through KALPDHARA we discharge our moral and ethical duties to protect our mother Vasundhara and her resources. We are a firm believers of the fact that TOGETHER WE CAN and WE WILL address the biggest challenges of climate change threatening the Human society across the Globe

OUR MISSION STATEMENT

अशक्यंप्रकृतेः ऋतेजीवनम् ।

Meaning, There is no life without nature.

CLUB DESCRIPTION

OUR PREAMBLE

We, The Members of the Eco-Club of Kalindi College, the University of Delhi having solemnly resolved to constitute a community of Eco-Warriors to generate environmental awareness among the Youth/ College students for environmental improvement and to inculcate the culture of eco-friendliness and environmental conservation among them.

OBJECTIVES

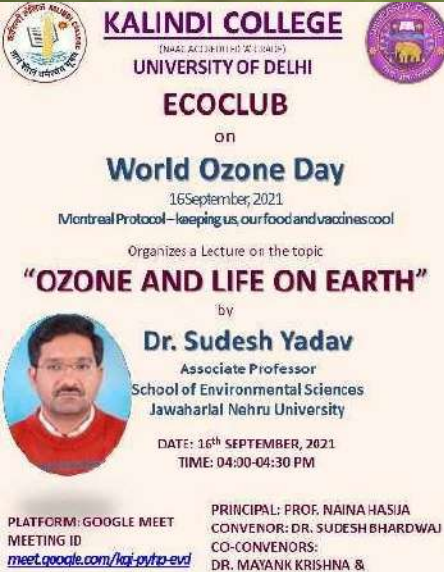
1. The club will focus on creating a cadre of Green Ambassadors who through a participatory approach can spread awareness among youths and society at large about various Environmental, Climate Change & other Societal issues
2. Our main aim is to ignite the intellectual minds to ponder over different ways to reconcile between fulfilling materialistic desires and environmental conservation.
3. Through a sustained and multipronged approach we will strive to solve problems related to all the four spheres of environment i.e. atmosphere, biosphere, lithosphere, hydrosphere to achieve the envisaged Sustainable development Goals.

ACTIVITIES AT A GLANCE

2021-22

Lecturer on World Ozone Day

On World Ozone Day, 16th September 2021, an online lecture was organized by our ECO CLUB Dr. Sudesh Yadav, Associate Professor, School of Environmental Studies, JNU joined us as the guest speaker. The event aimed to remind the world about the depletion of the ozone layer and its dangers. He delivered his talk and enlightened the students on the topic "Ozone and Life on Earth". The speech was concluded with the quote, "We are the agents of Environment change & Let's join hands to preserve life on this planet by protecting Ozone Shield. Let's take an oath to protect the Ozone layer and save the earth on World Ozone Day."



KALINDI COLLEGE
(NAAC ACCREDITED WITH GRADE 'A')
UNIVERSITY OF DELHI
ECOCLUB
on
World Ozone Day
16 September, 2021
Montreal Protocol—keeping us, our food and vaccines cool
Organizes a Lecture on the topic
"OZONE AND LIFE ON EARTH"
by
Dr. Sudesh Yadav
Associate Professor
School of Environmental Sciences
Jawaharlal Nehru University
DATE: 16th SEPTEMBER, 2021
TIME: 04:00-04:30 PM
PLATFORM: GOOGLE MEET
MEETING ID
meet.google.com/fgj-pvtr-evd
PRINCIPAL: PROF. NAINA HASIJA
CONVENOR: DR. SUDESH BHARDWAJ
CO-CONVENORS:
DR. MAYANK KRISHNA &

SELFIE WITH SAPPLINGS

Kalpधरा, Eco-club, Kalindi College, University of Delhi, organized an online Plantation event, "SELFIE WITH SAPPLINGS" under the theme LET'S PLANT A HOPE on October, 10th 2021 and the participants participated with great Zeal and enthusiasm. The competition was conducted through the Social Media Platform, INSTAGRAM.

The students of various courses planted saplings in their house and community to raise awareness and consciousness about the environment among the masses. The plantation is not just something that should be done; instead, it is a necessity, the urgent need of the hour. The event was a huge success, empowering students with substantial knowledge of the environment and plants. We also provided the e-certificate to the winner and shoutouts on our Instagram page.



Kalpधरा
ECO CLUB
Kalindi college
University of Delhi
ORGANISES
Selfie with
Saplings
on
Instagram
Registration : 7th October, 2021
Submission : 10th October, 2021
Sorry Uppa! Get your entries done now
The best time to plant a tree was twenty
years ago.
The second best time is now.
Dr. Geetika
Dr. Mayank Krish
Dr. Geetika
Dr. Mayank Krish
Naina Hasija (CONVENER)
Dr. Sudesh Bhardwaj (CO-CONVENER)
Dr. Geetika (CO-CONVENER)
Dr. Mayank Krish (CO-CONVENER)
Jyotsna Chhabra (Vice-President)
Shashwa (Vice-President)
Naina Hasija (Principal)
Dr. Sudesh Bhardwaj (Convener)
Dr. Geetika (Co-Convener)
Dr. Mayank Krish (Co-Convener)
Jyotsna Chhabra (Vice-President)
Shashwa (Vice-President)

Inauguration Ceremony of AAHAAR KRANTI

Kalpधरा, Eco-club, organized a virtual inauguration ceremony of AAHAAR KRANTI on the topic "GOOD FOOD, GOOD MIND, GOOD THOUGHTS, GOOD IMPLEMENTATION" event was organized through a virtual platform i.e.: Google Meet on OCTOBER, 16th 2021 at 5:30 pm.

Our campaign motive is based on the similar lines of the Government of India Flagship movement Aahar Kranti, that is "UTTAM AAHAAR - UTTAM VICHAAR Or Good Diet-Good Cognition". At the event, we launched our campaign video and explained the benefits of a nutritionally well-balanced diet. we also enumerate participants on how our campaign will work in the future. The target of our campaign was to spread awareness about eco-friendly and nutritionally well-balanced diets & motivate students to adopt and practice the same as covid -19 has impacted our immunity system badly.



KALPधरा
ECO-CLUB
KALINDI COLLEGE
UNIVERSITY OF DELHI
NAAC ACCREDITED WITH GRADE 'A'
welcomes you to the
**INAUGURATION
CEREMONY OF
A CAMPAIGN**
to healthify you!!
DATE : 16TH OCTOBER, 2021
PLATFORM : GOOGLE MEET
TIME : 5:30 PM
NAINA HASIJA (PRINCIPAL)
DR. SUDESH BHARDWAJ (CONVENER)
DR. MAYANK KRISHNA (CO-CONVENER)
DR. GEETIKA SONKAR (CO-CONVENER)
KALPधरा TEAM

ACTIVITIES AT A GLANCE

2021-22

Webinar on Eco Feminism

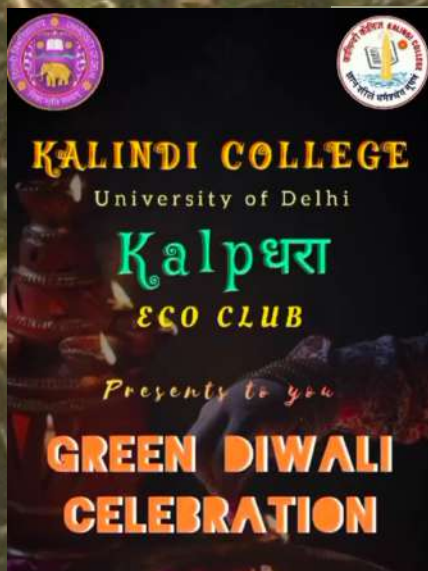
Kalpधरा, The Eco-club, has organized a webinar on 'EcoFeminism: An uncharted approach For Ecological Restoration & combating Female Foeticide' with Padma Shri Awardee, Shri Shyam Sunder Paliwal Ji via Google Meet on October 27th, 2021. It started at 5:30 pm.

Our speaker, MR. Paliwal Ji gave insights into the eco-feminism approach and delineated progressive steps taken for beti-paanivangochar togetherly.

Through his speech, sir gave an alarming call to students to take care of Dharti Mata & our surroundings. At the end of the lecture, sir took upon students' questions and left no stone unturned in answering them.



Eco-friendly Diwali Celebration



Diwali is a festival of lights and it is a festival to celebrate with family and friends to light up everyone's lives with light, gifts, and sweets. Yet, bursting firecrackers has become a prominent part of the festival and they lead to gaseous pollutants emissions that harm the environment and health. So, this year the KALPDHRA family decided to celebrate an ECO-FRIENDLY DIWALI with our members under the air pollution campaign VAYUDOOT.

Traditional earthen lamps (diyas) were lit instead of electric lights or candles to lightning the house. Seasonal flowers, leaves, dupattas, and silk sarees were used for decoration. Rangolis were made using natural ingredients like turmeric, rice powder, etc. And the KALPDHRA members shared their beautiful pictures of celebrating ECOFRIENDLY DIWALI.

The Charisma of Vedic Farming Practices

Kalpधरा, Eco-club, organised a webinar on the topic "DISCOVERING THE CHARISMA OF VEDIC FARMING PRACTICE: LEADING TOWARDS THE RICHNESS OF TRADITIONAL & HEALTHY DIET" under the Aahaar Kranti Campaign. A Sustainable Environment Regenerative Activist, A Vedic farmer & a Social Entrepreneur, Mrs. Indu Sinha has joined us as the resource person via Google Meet on November, 20th 2021 at 5:00 pm.

She straightens out the basic Vedic food and farming practices with an action plan, of coupling it with community gardening and creating food forests & edible campuses. Through her speech, she emphasized on getting back to Basics, back to our rich traditional, cultural practices which will connect us to the soil, and mother earth which will automatically leads to 'Aatma Nirbharta', i.e, Sustainable Living & Sustainable Society



ACTIVITIES AT A GLANCE

2021-22

VIRTUAL ORIENTATION

Kalpधरा, Eco-club, conducted a 'VIRTUAL ORIENTATION' via Google meet on January 22nd, 2022 from 5:30 p.m. to 7:30 p.m. The main motto of conducting an orientation was to interact with freshers and to make them aware of eco-club and our various activities. We also solved their queries/doubts about the same. In the orientation programme, Kalpधरा faculty members deliberated words of advice and encouraged the college's new batch to adopt eco-friendly activities. Kalpधरा core team, activities, campaigns, etc were introduced to newly admitted. On the same day, we also inaugurated our 2nd campaign i.e., VAYUDOOT: GREEN MORE, BREATH PURE, with the motive to combat air pollution. To make the event more exciting and fun we organized a reel-making competition on the theme "IMMUNITY BOOSTERS: CALL FOR REELS SUBMISSION" under Aahar Kranti Campaign. The event came to an end with releasing of forms for being the Volunteers of Kalpधरा.



Reel Submission for immunity booster competition

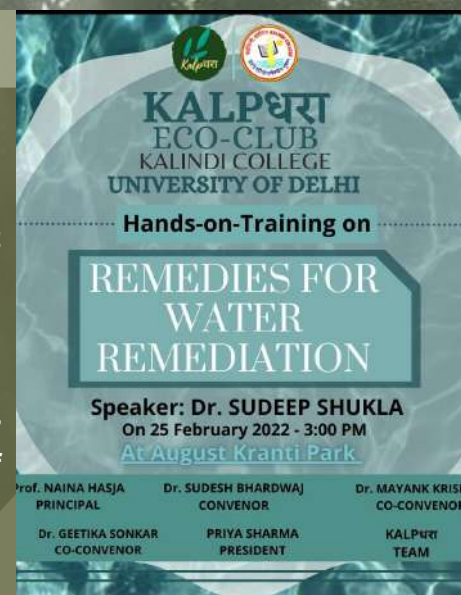
Kalpधरा, Eco-club, Kalindi College, University of Delhi, organized a reel-making competition on the theme "IMMUNITY BOOSTERS: CALL FOR REELS SUBMISSION" under Aahar Kranti Campaign. The participants participated with great Zeal and enthusiasm on February, 12th, 2022 to February, 15th, 2022. The competition was organized through the submission of reels on Kalpधरा's official mail id. Students from various colleges and courses participated in this competition with great enthusiasm and shared their knowledge of many traditional immunity booster drinks. With this informative and healthy competition, our eco club has gained knowledge of many traditional drinks. And the results of this competition were also interesting. winners of the competition were rewarded with Certificates.



Hands on Training on REMEDIES FOR WATER REMEDIATION.

Kalpधरा, Eco-club, Kalindi College, University of Delhi, organized a Hands-on-Training, on "REMEDIES FOR WATER REMEDIATION" on February, 25th, 2022. This event was organized in face-to-face interactive, offline mode. Dr. Sudeep Shukla, Principal Scientist at Environment Pollution Analysis Lab, JNU joined us as the guest speaker.

The event aimed to study essential entities' water systems in respect of enhancing the quality of potable water by water remediation methods. And the practical hands-on training of students on Several methods of water remediation. Students from various courses participated in the program with great zeal and enthusiasm and made it a success.



ACTIVITY PERIOD

“The greatest threat to our planet is the belief that someone else will save it.”

That's true, so we should always start every single step by itself. For this we KALPDHRA, the members of ECO-Club of Kalindi College, University of Delhi formed a community of eco-warriors for environmental improvement to create environmental awareness among youth/college students and to inculcate a culture of eco-friendliness. We organize our meetings every WEDNESDAY from 4:00 pm to 5:00 pm in the presence of all our members and teachers. The aim of this is to empower the club students to participate in meaningful environmental activities and projects as well as to learn about their environmental duties.

In our team meetings, we always do eco-friendly and informative activities with our members in different, enthusiastic, and fun ways. And also discusses the best use of our time, resources, and energy for our mother earth. Apart from this, through practical hands-on- training and campus tour adventures for the students, we try to engage various college students as well.

Our Activities

Speech competition,
Painting competition,
Slogan competition,

● Article competition

● Debate competition

● Essay writing competition

● Group Discussions.

● Quiz competition

● EXPLORING CAMPUS BIOSPHERE activities

● Tricks to How to Identify a Plant?

● Exploring the Global Network for Birds count on our college campus

We explored and enjoyed the nature of the beauty of nature by doing a series of activities in a short period:

1. Acknowledging the environmental activists around:

We talked about various environmental activists and acknowledged their contribution toward sustaining nature. We talked about Sunderlal Bahuguna, Khammu Ram Bishnoi,

2. Exploring campus Biodiversity:

Day 1: We explored the flora and fauna of our college. We identified a different group of plants – Algae (found in moist areas of the college) Pine trees, Angiosperm, Jamun trees, Sesame, monocot, and dicot trees.

Bryophyte is not found in the college.

Day 2: We identified grass- climbers, creepers, and more variety of trees.

3. Bird Count:

We went around the campus and identified different species of birds. We identified a total of 19 species, which is one of the highest numbers of birds found in nearby colleges.

Asian Koel, Brahminy Starling, Indian white-eye, etc.

eird.org is a global bird count organization, where we uploaded a data report of the 19 birds we had spotted and explored the site, and learned more about different birds.

4. Butterfly count:

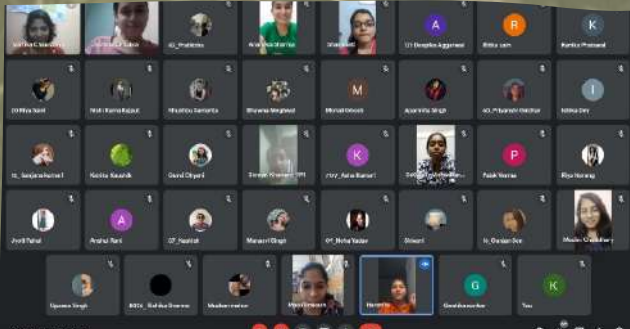
Due to the unfavorable season, the butterfly count on the campus and in the surrounding areas was less than usual. We observed- Plain tiger, common Mormon, silver line butterfly, etc.

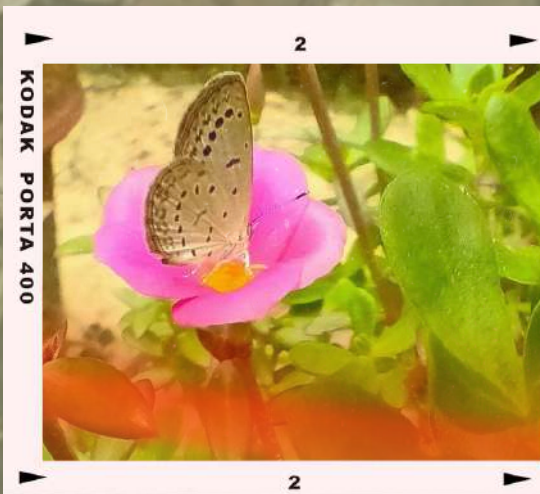
5. Animal Rescue:

We talked about ways in which we can rescue animals and discussed platforms such as wildlife SOS which is a very active organization in Delhi. We discussed how we can rescue butterfly moths and larvae found on the road.

How to rescue- shifting the moth or the larvae to a place of no human interference.







OUR CAMPAIGNS



With these missions, we question the conventional mindsets and behaviors which is responsible for negotiating sustainable growth and development for decades

• STAKEHOLDERS INVOLVED IN OUR CAMPAIGNS

1. Kalindi college principals and professors
2. Kalpdhra's Student and teachers team
3. Kalpdhra's members
4. Media partners in collaboration with kalpdhra.

Campaign 1

~AAHAAR KRANTI (ECO-DIET)~

It is a flagship movement of the Government of India that shines a light upon the richness and value of India's traditional diet, the miracles of local fruits & vegetables, and the healing powers of a balanced diet.

And, We Kalpdhra members, The Eco-club of Kalindi College are initiating a campaign, that too named AAHAAR KRANTI, the campaign will work upon the similar lines of the Government of India Flagship movement Aahaar Kranti, with the motto of educating and aware college students of the nutrition value, of our traditional local food. As we know covid hit hard on us and our immunity system.

MISSION STATEMENT:-

Uttam Aahaar- Uttam Vichaar
Meaning,
"Good Diet-Good Cognition"
'Good Food, Good mind, Good Thoughts, Good
implementation.'

VISION:-

To unfold awareness among students concerning the importance of native, traditional eco friendly, and nutritionally well-balanced diets and to ignite & encourage them to adopt and Apply identical

OBJECTIVES :-

- To spread the message of the need for a nutritionally balanced diet and to understand the importance of access to all local fruits and vegetables
- Focusing on building more ecologically responsible eating behavior
- The movement will also suggest food and nutrition one should take during menstruation and pregnancy.

SIGNIFICANCE:-

- This campaign will help to apprehend the essentiality of a nutritionally balanced diet.
- As we know, India has the unique advantage of having the knowledge of Ayurveda and ayurvedic-based nutrition to practice. So, Aahaar Kranti will help us, the students, to explore more in the Ayurveda field.
- The Aahaar Kranti will provide us with the opportunity to explore, identify and learn about India's local food diversity.
- Human well-being is part of the UN's 3rd sustainable goal and we believe that it can only be achieved with the Uttam Aahaar.



Campaign 2

~ VAYUDOOT (GREEN MORE, BREATH PURE)~

'Clean air, Green world, and safe water might sound like a slogan, right? This is the idea of a healthier and more habitable surrounding today and for the generations to come. Air is a vital aspect of human life. Hence it becomes our foremost duty to keep it clean & pollution free. However, this does not seem the case today. AQI is escalating day by day & afflicting cases of lung and breathing disorders. Fossil fuel burning, Smoke from vehicles, Industrial Exhaust, Microbial Decaying processes, Wildfires, and Agricultural Activities are posing hurdles to making the air clean and pure. And we cannot curb this problem in a day or two. This, need continuous attention. Kalpdhra: Eco Club of Kalindi college launches 'VAYUDOOT: GREEN MORE, BREATH PURE' to combat air pollution and its threats. Our campaign will work upon the student-centric approach and will aim to bring students under one umbrella to raise awareness through fun activities and interactions with scholars and environmentalists via, webinars & talk shows.

VISION:-

Our vision is to reduce the AQI of our campus and nearby areas with the help of the principal, teachers & Kalpdhra members. We will orient towards creating healthy surroundings for us and other lives. for flora and fauna.

MISSION STATEMENT:-

वायुमण्डलं भृषंदूषणतं, करणीयं बधिरन्तर्जगषत तुबहु शुद्धीकरणम्

Meaning; The air is polluted, now we must begin the cleaning process on the outside (in our physical world) and the inside (our minds).

OBJECTIVE

- To make understand the need of the hour of our campaign to conventionally bounded society .
- To express our disapproval of air pollution as it has been the biggest cause of global warming so far.
- To improve the quality of life and make the environment cleaner and greener innovatively.
- To introduce effective measures on 'Save environment, Combat pollution' within the college and nearby places. To create a feasible management plan for prevention, control, and abatement of air pollution with the help of various other stakeholders (NGOs, Government organizations, other environment clubs, and eminent environmentalists/scholars)
- To discover and promote an effective way that reduces vehicle emissions within the college campus area.
- To talk and discuss the indoor air pollution activities about which people are unaware.
- To aware mortals intensively about the bronchial problems and health effects of which people are unaware.



Campaign 3

~ JAIV-SANRAKSHAN ~

KALPधरा, The Eco Club of Kalindi college launches a campaign called "JAIV-SANRAKSHAN" with which we aim to protect the 'BIODIVERSITY' of our surroundings. Our campaign will work on reducing the excessive use of natural resources, which is detrimental to nature's health.

We will also focus on the contribution of 3R in restoring our biodiversity. We will aim to bring students under one umbrella to raise awareness through fun activities and interactions with scholars and environmentalists via, webinars & talk shows.

MISSION STATEMENT:-

"अशक्यं प्रकृतेः ऋते जीवनम् ।"

Meaning,

There is no life without nature.

VISION:-

Kalpdhara launches the mission "JAIV- SANRAKSHAN" to reduce excessive and greedy use of natural resources. The vision is to make the surrounding of our campus and nearby areas clean and sustainable with the help of teachers & Kalpdhara members and to create awareness, ignite and motivate young minds to adopt and practice more Green and Environment-Friendly Practices

OBJECTIVE

- Raise awareness of biodiversity issues.
- Collect, co-create and disseminate resources on biodiversity.
- To preserve the genetic diversity of plants and animals.
- To ensure the sustainable utilization of life support systems on earth.
- Biodiversity serves as an insurance policy for the future.
- Promoting sustainable use of components of biodiversity.
- Rehabilitating and Restoring degraded ecosystems.
- Promoting student participation in protecting and developing campus biodiversity.
- To implement strict restrictions on plucking/harming plants and animals on campus or near campus.



Events in which KALPधरा Participated

~EVENT NO.1:- TERI~

The Delegation of the European Union to India with GIZ, CEEW, and TERI launched the first edition of the Youth Climate Conclave in 2019. Youth Climate Conclave is envisaged as a competitive and educative mode of action, wherein youth from across the country are invited to join hands to address issues of climate change. The program is under the Strategic Partnership for Implementation of the Paris Agreement (SPIPA) project, where the Ministry of Environment, Forest and Climate Change (MOEFCC) is the nodal ministry.

Before the conclave, a series of activities like photography, blogging, and short video competitions for passionate budding environmentalists were organized. Youth Climate Conclave Second Edition took place preceding the Adaptation Futures 2020 from 29 September – 01 October 2021. The Conclave led to a final presentation of the 'Youth Pledge' as an outcome document.

And this year Kalpdhra members got the opportunity to participate in it and did their best and bagged certificates too.



~EVENT NO.2:- NADI KO JANO ABHIYAN~

Know your Rivers was organized by Research For Resurgence Foundation (RFRF) along with prestigious institutes & universities. Rivers are among the most important ecosystems for biotic and abiotic components, it is an essential service for mankind, fighting various anthropogenic activities on Earth. Our Eco club, Kalpdhra assisted in the larger dissemination of the Abhiyan and the main emphasis was laid on the Yamuna river.

The main motto was to inform & inspire a maximum number of students, teachers & other enthusiasts through word of mouth and social media, etc. Even the rewards were also distributed to the winners which included the-

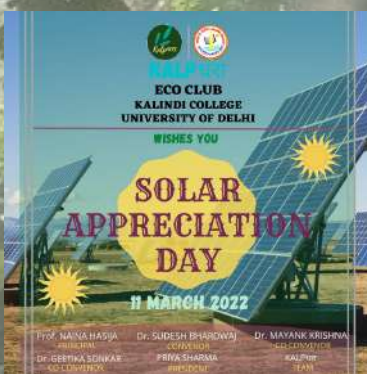
- The institutional best prize of ₹ 1 lakh., Institutes with 250 or more entries qualify for awards.
- And Many individuals awards at the state level.

Our eco club members participated enthusiastically in knowing about our rivers.



Celebrating Environment Related Days through Social media

Wishing Posters on Different Days



PICTURE GALLERY



Total ozone (DU) / Ozone total, 2020/10/04

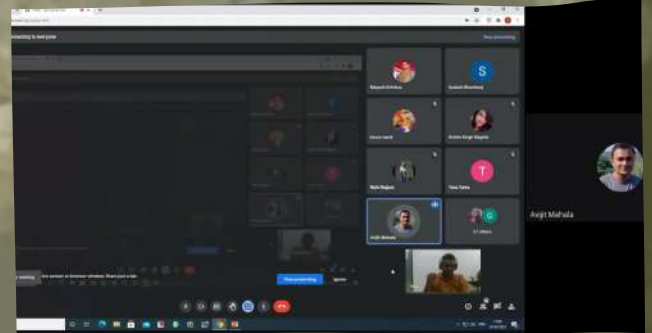
Annually occurring ozone hole over the Antarctic is one of the largest and deepest in recent years (has reached its maximum size).

The 2020 ozone hole grew rapidly from mid-August and peaked at around 24 million km² in early October (currently 23 million, above average for the last decade and spreading over most of the Antarctic continent).

NASA's Ozone Watch reports a lowest value of 95 Dobson Units, on October 1.

There is much variability in how far ozone hole events develop each year. The 2020 ozone hole resembles the one from 2018, which also was a quite large one, and is definitely in the upper part of the pack of the last fifteen years or so.

With the sunlight returning to the South Pole in the last weeks, we saw renewed ozone depletion over the area. After the unusually small and short-lived ozone hole in 2019, which was driven by special meteorological conditions, we are registering a rather large one again this year, which affirms that we need to continue enforcing the Montreal Protocol banning sources of ozone depleting chemicals.



Ashaar Kranti (Eco-Diet)

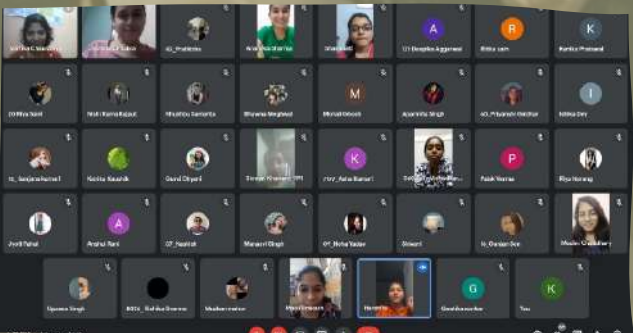
Ashaar Kranti (Eco-diet) is a flagship movement of the Government of India that will shine a light upon the richness and value of indigenous traditional diets. The adoption of local fruits and vegetables and the healing powers of a balanced diet.

Our campaign will work upon the similar lines of the Government of India's Ashaar Kranti.

KALPवृक्ष
ECO-CLUB
KALINDI COLLEGE
UNIVERSITY OF DELHI

INAUGURATION
CEREMONY OF
A CAMPAIGN

DATE: 16TH OCTOBER, 2021
PLATFORM: GOOGLE MEET
TIME: 5:30 PM

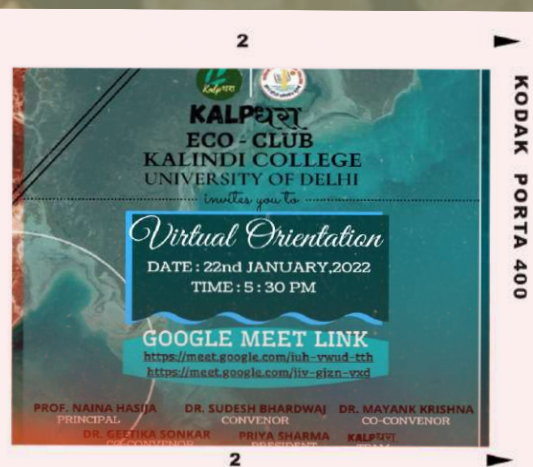
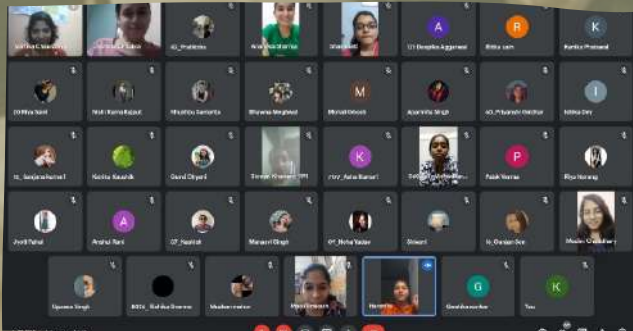
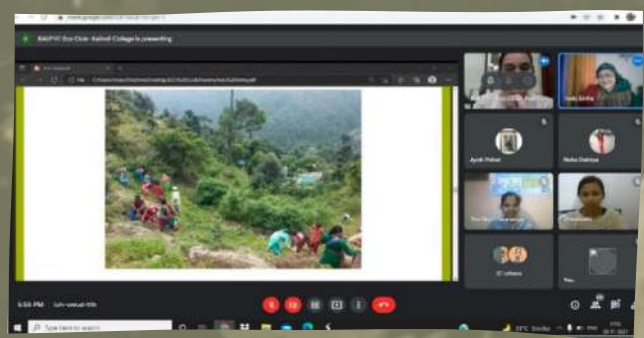
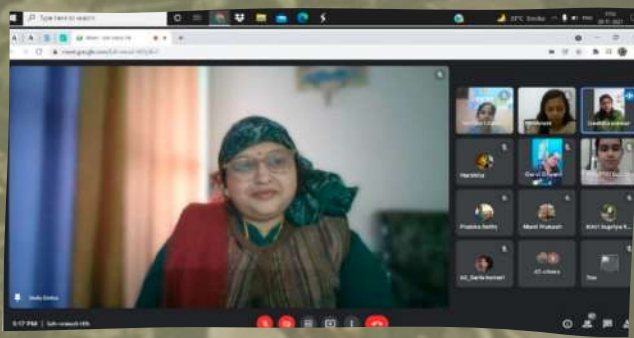


Greetings to one and all on

WORLD OZONE, 2021
Montreal Protocol - Keeping us, our food and vaccine Cool



PICTURE GALLERY



NOTE FROM PRESIDENT



Priya sharma
PRESIDENT

अशक्यंप्रकृतः ऋतेजीवनम।

Meaning, There is no life without nature.

Believing in the same We, The Members of KALPDHRA, Eco-Club Kalindi College, and the University of Delhi having solemnly resolved to constitute a community of Eco-Warriors to generate environmental awareness, ignite and motivate young minds to adopt and practice green and Environment-Friendly Practices for a sustainable future and achieve the envisaged sustainable development goals in the era of Anthropocene.

This year 2021-2022 turned out to be one of the best years in ECO-CLUB'S history. This year we revitalized our club's structure which took us to another level. I am delighted to inform all the beautiful readers that this year we launched our major Pilot Projects, we initiated missions that are, "VAYUDOOT"- For Combating Air Pollution, "JALSHAKTI"- For Water Conservation, "AAHAR KRANTI"- For Eco-Friendly Diet, "Jaiv-Sarankshan"-For Biodiversity Conservation. And additionally, we also connected with different offshoots by providing "Hands-on Training" to our students.

Our bottom-to-top approach(working strategy): from Individual to Population, Population to Community, and community to Nation, is making us act locally and become vocal for the protection of our surroundings.

Under the guidance of our principal mam Dr, Naina Hasija, convenor Dr. Sudesh Bhardawaj, and Dr, Mayank Krishna, I am proud to say that we are walking on the road which will lead us to a "Green and Safe Future".

Last, I would like to give my heartiest congratulations to my team and Kalpdhra members who came up with such a beautiful magazine. And I would like to thank you all for always showing the spirit of being bulletproof together we are bulletproof.

Note from Designing Team

Antasri Bera Designing Head



First of all, I am really glad that I got a chance to work with Kalpdhra, and to make this newsletter. Not only this helped me in expanding my Creative perspective but it also taught all of us teamwork. With this newsletter, we can showcase what we did throughout the span of 1 year and how much we achieved and got so many opportunities to do something for our environment. Hoping to work with Kalpdhra in the coming years as well.

Kavya Designing Co- Head



While we were working on the newsletter I came across how much we have achieved and done in a year. All the hard work of our team during the tenure could be seen in this newsletter.

Note from Editorial Team



Asha
Chief editor



Harshita
Associate editor



Shivani
Deputy editor

Howdy green thumb!! We are proudly honored to be a part of our prestigious newsletter and this society. In KALPDHRA as editorial team members, our experience was great & amazing, here we learned a lot of new things during this journey. We learned about the importance of teamwork and copartnership towards our mother earth. We were a team of students working together with great coordination. We were supposed to provide the reports of every activity conducted under ECO CLUB. Working as an editorial team each member has done their work on time without any internal issues because we all believe that "having a goal helps with clear thinking" is what makes us strong. After proofreading all the content, we finally completed our task with great coordination.

We hope this newsletter will inspire your contemplation and curiosity.

Happy reading!!
The editors

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Harshita
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Shivani
Deputy editor



Anjali
Volunteer



Mansi
Volunteer

TEAM KALPधरा



Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it is the only thing that ever has.”

—Margaret Mead

