



# HARITHKRAM

IN COLLABORATION WITH  
**INTERNAL QUALITY ASSURANCE CELL**  
SHAHEED BHAGAT SINGH COLLEGE  
UNIVERSITY OF DELHI

PRESENTS

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OCTOBER 06-08, 2023

VENUE : SHAHEED BHAGAT SINGH COLLEGE

**A THREE-DAY NATIONAL YOUTH CONFERENCE**

*on*

**“YOUTH FOR ‘ONE EARTH, ONE FUTURE:’**  
CLIMATE CHANGE, SUSTAINABILITY AND SUSTAINABLE PRACTICES

VISIT:  
[WWW.HARITHKRAM.ORG](http://WWW.HARITHKRAM.ORG)



DUSF '22 x H-MUNEA '23

# MESSAGE FROM THE PATRON

Dear esteemed readers,

I am pleased to welcome you to Harithkram, the Environmental Society of Shaheed Bhagat Singh College and to introduce you to the promising environmentalists who work tirelessly to offer a holistic perspective on environmental issues. We are excited to



announce the fifth edition of the **Delhi University Sustainability Forum (DUSF '22)** and the sixth iteration of **Harithkram Model United Nations Environment Assembly (H-MUNEA '23)**, being organised from October 6-8, 2023.

The three-day national youth conference will witness the participation of secondary and senior secondary level students to scholars pursuing specialised studies. The main focus of the event is to ensure participation of students from various educational levels and across varied realms to carry out discussions and debates on crucial environmental issues of sustainability for a decisive outcome in the times to come.

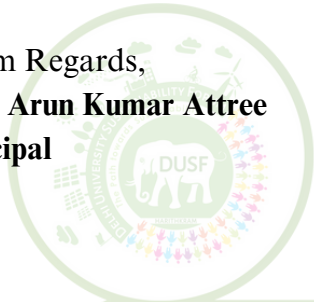
In alignment with **India's G-20 presidency**, the joint focal theme for both the events this year is **“Youth for ‘One Earth, One Future:’ Climate Change, Sustainability and Sustainable Practices.”** It will furnish a platform for young minds—the powerhouse of energy and the path to change—to engage in discussions about global environmental policies and advocate for sustainable solutions through their deliberations as part of the various competitions.

# MESSAGE FROM THE PATRON

I hope you will recognise the efforts put out in by our students and their collaboration with experts to educate the audience and participants. I take this opportunity to congratulate all the members of Harithkram for this noble initiative under the leadership of **Ms. Jyoti Varshney, Dr. V. A. V. Raman and Dr. Komal Agarwal.**

All my best wishes to the green brigade of the College for a successful event.

Warm Regards,  
**Prof. Arun Kumar Attree**  
Principal



DUSF '22 x H-MUNEA '23



## MESSAGE FROM THE CONVENER

I am honored to address you as the Convener of Harithkram, and it brings me immense pride and enthusiasm to introduce you to our latest endeavor – **DUSF '22 x H-MUNEA '23 Youth Conference**. Our dedicated students and faculty members have tirelessly worked towards upholding the spirit of Harithkram,



which is all about venturing "**Beyond the Boundaries**." This year marks a significant milestone with the fifth edition of DUSF and the sixth edition of H-MUNEA. We are excited to present an event that promises to be exceptional in every aspect.

Our chosen conference theme, "Youth for One Earth, One Future: Climate Change, Sustainability, and Sustainable Practices" draws inspiration from **India's G20 Presidency theme, "Vasudhaiva Kutumbakam."** It emphasizes the intricate link between biodiversity and the critical role of our youth in addressing climate change and promoting sustainability.

I extend my heartfelt gratitude to our dedicated students, especially our student coordinators, co-coordinators and team heads, for their unwavering commitment, as also to the participants from various institutions who will bring valuable perspectives to the three-day assembly. Together, we aim to make meaningful strides toward a more sustainable world.

We are genuinely excited about the positive impact that DUSF '22 x H-MUNEA 23 will have, and we eagerly anticipate your active participation and valuable contributions.

Warm regards,

**Ms. Jyoti Varshney**

## MESSAGE FROM THE STAFF ADVISOR

The country's youth holds the key to the country's success in the future. In that order, Harithkram's young environmental activists have taken up a proactive role in fostering healthy discussions on issues such as climate change, sustainability and various other environmental problems that the nations and people of the world are faced with.



I'm thrilled to announce that Harithkram's youth is organizing the fifth edition of the Delhi University Sustainability Forum (DUSF '22) and the sixth edition of the Harithkram Model United Nations Environment Assembly (H-MUNEA '23) simultaneously. The theme for this year for both the events mirrors the theme for India's year as the G20 chair: "Youth for One Earth, One Future: Climate change, Sustainability and Sustainable Practices." **This theme reflects the global interconnectedness of environmental challenges and the need for collaborative solutions.**

Through **DUSF '22**, Harithkram aims to provide young school students with exposure to a stimulating academic environment to influence their environmental perspectives from an early age at **School Students' Conference**. It also offers a platform for young research scholars to showcase their research in the **Young Scholars' Conference**. Furthermore, the **National Photography Competition** aims to encourage people to perceive nature in a novel, unique and singular manner. It is my benign hope that the young delegates participating in **Harithkram – Model UNEA** representing various countries and organizations will hold generative discussions on



# MESSAGE FROM THE STAFF ADVISOR

climate change and their own role in promoting sustainability and sustainable practices to avert it.

On this special occasion I wish to thank my dedicated students of Harithkram, including the students leading the team, for their passion and zeal towards nature and the environment that inspire them to hold these ingenious events for the betterment of society. My appreciation also goes out for the students, young scholars as well as community members, who are coming to our college for these events to share their views and expertise in the field of environmental conservation and management.

It is my hope that our website, [www.harithkram.org](http://www.harithkram.org), is proving to be a valuable resource for people eager to learn more about Harithkram's work, our events and also furnishing a wealth of information on environmental issues and the sustainable practices required to keep them at bay. I wish the events turn out to be successful.

Green wishes,

**Dr. V. A. V. Raman**



# MESSAGE FROM THE CO-CONVENOR, HARITHKRAM AND FACULTY COORDINATOR, DUSF '22\*H-MUNEA '23

*“Until man duplicates a blade of grass, nature can laugh at his so called scientific knowledge.”*

--Thomas Edison.



The bounty of nature is unparalleled and ceaseless, but the resources that the human race can exploit are limited. Harithkram has

been driving home the inextricability of sustainability and the urgency of adopting a sustainable lifestyle both within and **#beyondtheboundaries** of the College for the past eleven years now. It gives me fathomless pride to acknowledge that our relentless efforts have started to yield results, and there is indeed a visible shift towards sustainable practices in the College. After all, for an institution to become a zero-waste campus is no paltry feat!

Harithkram organizes two **biennial youth conferences every alternate year**, the Delhi University Sustainability Forum (DUSF) and Harithkram Model United Nations Environment Assembly (H-MUNEA), both of which serve as phenomenal platforms for students and scholars from different disciplines and levels of learning to put on their thinking caps and mull over compelling problems plaguing the environment, also proposing solutions to tackle them. This year, we are organising an amalgamation of the fifth edition of DUSF and the sixth edition of H-MUNEA, the joint theme for which was finalized in alignment with the theme of India's G-20 presidency, “Vasudhaiva Kutumbakam”—which has been the mantra by which Indians have lived since the ancient times—and **Mission LiFE**, both of which point out to the **intricate interconnectedness of all life on earth and are indicative of the only way forward with respect to nature, environment, survival and progress.**



# MESSAGE FROM THE CO-CONVENOR, HARITHKRAM AND FACULTY COORDINATOR, DUSF '22\*H-MUNEA '23

As part of the two flagship events, we are bringing students at different levels of education and from myriad disciplines, on a single forum. The aim is to allow participants from different schools, colleges, institutions, universities and towns the opportunity to apprise themselves of current research in the field of environment and sustainability. By ensuring that they accept our hospitality over the three days, we anticipate their engagement with the urgency of environmental plagues and their potential solutions. I extend a hearty welcome to all the student participants, members of the executive board, distinguished guests and luminaries, for investing their precious time in our youth conference. I am convinced that most of them have pushed their schedules to participate in the event, which bears testimony to their commitment to the environment.

What you are going to experience in the next three days is a culmination of months of sustained and unremitting hard work put in by all the members of the green family, especially the students. I am deeply thankful to and endlessly proud of each volunteer of Harithkram—not to mention the alumni of Harithkram, who contribute immensely to all our events in spite of their engagements—for their unparalleled contributions towards making the vision of our biggest event ever, a reality! I truly wish that this event turns out to be a thumping success, and inspires others around us to conduct meaningful, sustainable and far-reaching green activities in future.

Best Wishes,

**Dr. Komal Agarwal**

**Co-Convener, Harithkram &**

**Faculty Coordinator, DUSF '22 x H-MUNEA '23**

# ABOUT THE COLLEGE

Shaheed Bhagat Singh College, **founded in 1967** as part of University of Delhi, is a co-educational institution named in honor of the renowned Indian freedom fighter, Shaheed-e-Azam Sardar Bhagat Singh.

With a focus on fostering independent thinking and vision, the College has gained recognition for its excellence in various academic and professional disciplines. It offers a vibrant and intellectually stimulating academic environment, supported by cutting-edge facilities that enhance knowledge, skills and capabilities.

Shaheed Bhagat Singh College not only excels academically but also actively engages in a wide range of cultural activities such as dance, music, visual and performing arts. Students are motivated to participate in both college and city-wide events, consistently achieving high performance levels across various fields and levels. The College takes pride in its tradition of supporting student initiatives and creative expressions beyond the classroom. The institution's dynamism is evident in its ability to adapt to societal needs and aspirations over time. The alumni of the College have made meaningful contributions towards business, culture and society at large.



# HARITHKRAM

Harithkram, the Environment Society of Shaheed Bhagat Singh College, was **inaugurated** by the eminent environmentalist and writer **Padma Shri Sunita Narain** on **September 7, 2012**. Its mission is to create environmental awareness and promote green and sustainable activities both within and beyond the boundaries of the College. It develops and channelizes the creative ideas of young and potential environmentalists towards a greener world through team building, environmental education and environmental advocacy.

Harithkram has dedicated the last 11 years to addressing environmental concerns through debates, discussions, corrective measures and affirmative actions, all aimed at raising environmental awareness. The society started with a mission to promote organic and sustainable culture in and around college. From its inception, the society has grown exponentially, making Harithkram a forum for constructive discussions, debates and advocacy on a broad spectrum of green causes.

Our efforts have led to the College fraternity adopting sustainable measures wherever possible. Harithkram has proudly spearheaded the massive shift of the institution towards sustainability, and we have become a zero-waste campus this year.

Over the years, Harithkram has been recognized as the most active environment society in University of Delhi. That we are change-makers, or rather, leaders of positive change, is evident in the fact that our green efforts have been widely appreciated by different stakeholders from the government and the industry. We have recently been awarded for our efforts too, the details of which can be found on our website:

[www.harithkram.org](http://www.harithkram.org)

# Global Climate Change and Sustainability Discussions at G20 Summit 2023, New Delhi: A Pivotal Turning Point

The **G20 Summit in 2023** marked a pivotal moment in the global fight against climate change. As world leaders gathered to discuss pressing issues, it was evident that climate change was high on the agenda. With increasing urgency and growing consensus on the need for action, the summit witnessed significant discussions and commitments aimed at mitigating climate change and its devastating impacts.

## Setting the Stage

The **G20 Summit in 2023** brought together leaders from the world's most influential economies to **New Delhi on September 9-10**. Held amid increasing climate-related crises, such as devastating wildfires, hurricanes, and record-breaking heatwaves, the summit occurred at a juncture when the consequences of climate change were acutely felt worldwide. Rising sea levels have threatened coastal communities, while the alarming decline in biodiversity has raised concerns about the interconnectedness of climate and ecological crises. Against this backdrop, world leaders converged to address climate change head-on.

## Science-Based Urgency

At the outset of the summit, the urgency of the climate crisis was underscored by presentations from leading climate scientists. Their findings reiterated the imperative of limiting global temperature rise to 1.5 degrees Celsius above pre-industrial levels to avoid catastrophic consequences. These consequences encompassed a wide range of impacts, including more frequent and severe and extreme weather events, disruptions in food production, and the displacement of millions of people due to sea-level rise and extreme weather.

# Global Climate Change and Sustainability Discussions at G20 Summit 2023, New Delhi: A Pivotal Turning Point

## **Emission Reduction Targets**

One of the focal points of the summit was the establishment of ambitious emission reduction targets. Numerous G20 nations stepped forward with bold commitments to reduce their carbon emissions. The United States, for example, pledged to achieve net-zero emissions by 2050, accompanied by an aggressive reduction in coal consumption. Such commitments signaled a significant shift towards adopting cleaner energy sources and transitioning away from fossil fuels.

## **Clean Energy Investments**

Recognizing the urgency of transitioning to clean energy, leaders at the summit discussed substantial investments in renewable energy sources. Solar, wind, and hydroelectric power generation capacities were all targets for expansion. The summit aimed to harness the potential of renewable energy not only as a means to reduce emissions but also as a source of economic growth and job creation.

## **Climate Finance**

Climate finance emerged as a contentious topic during the discussions. Developing nations urged wealthier counterparts to fulfill their commitments to provide financial support for climate adaptation and mitigation efforts. Debates centered on the need to increase climate finance, address debt-related concerns, and promote the issuance of green bonds to fund environmentally sustainable projects. Finding equitable solutions to finance the transition to a low-carbon economy, however, remained a challenge.

# Global Climate Change and Sustainability Discussions at G20 Summit 2023, New Delhi: A Pivotal Turning Point

## **Carbon Pricing**

Carbon pricing mechanisms were explored as tools to incentivize emission reductions. While some G20 nations have already implemented carbon pricing schemes, discussions revolved around the need to create a global consensus on this approach. Advocates argued that carbon pricing could drive innovation by providing economic incentives for businesses to adopt more sustainable practices.

## **Protecting Biodiversity**

Leaders at the summit acknowledged the close connection between climate change and biodiversity loss. Recognizing that the health of ecosystems is crucial to mitigating climate impacts, commitments were made to halt deforestation, conserve marine ecosystems, and support nature-based solutions. This was representative of a holistic approach to address both ecological and climate crises.

## **Global Cooperation**

A recurring theme throughout the summit was the necessity of global cooperation in addressing climate change. Leaders acknowledged that no single nation could effectively tackle this global crisis alone. Calls for renewed commitment to the Paris Agreement were echoed, along with discussions on enhancing transparency and accountability in climate action. The importance of coordinated efforts on an international scale was emphasized.

## **Civil Society and Youth Engagement**

Beyond political leaders, civil society organizations and youth activists played a significant role in shaping the discussions. Their presence and



# Global Climate Change and Sustainability Discussions at G20 Summit 2023, New Delhi: A Pivotal Turning Point

advocacy served as a reminder of the urgency of the climate crisis and the need for immediate action. The spread of grassroots movements and mounting public pressure played a key role in holding leaders accountable for their commitments.

## Challenges and Skepticism

While there was a broad consensus on the importance of addressing climate change, many challenges presented themselves as more difficult to tackle than others. Some nations expressed concerns about the economic implications of rapid decarbonization, including potential job losses in carbon-intensive industries. Additionally, skepticism regarding the feasibility of certain targets and the reliability of carbon offsetting mechanisms was voiced. Finding solutions that balance environmental imperatives with economic and social concerns remained a complex task.

**In conclusion, the G20 Summit in 2023 served as a critical juncture in the global climate change discussions.** It highlighted the urgent need for collective action to address the climate crisis while shedding light on the complexity of finding solutions that accommodate the diverse interests of member nations. The commitments made at the summit, including ambitious emission reduction targets, clean energy investments, and renewed global cooperation, provide hope for a more sustainable and resilient future. The world will closely monitor the progress of the member nations to ensure that these promises translate into tangible actions as the fate of the planet hangs in the balance.

# DUSF '22 x H-MUNEA '23

DUSF '22 x H-MUNEA '23 is a **three-day youth conference** and the fusion of Harithkram's two flagship events: **Delhi University Sustainability Forum** and **Harithkram Model United Nations Environment Assembly**. This fusion will mark the Fifth Edition of the Delhi University Sustainability Forum and the Sixth Edition of the Harithkram Model United Nations Environment Assembly.

With India hosting the G20 Presidency this year, Harithkram decided to take cue from the theme of India's G20 Presidency, i.e., **“Vasudhaiva Kutumbakam,”** and highlight the interconnectedness of biodiversity and the role of youth vis-à-vis climate change and sustainability for its youth conference. Hence, the focal theme of Harithkram's two flagship events this year is **“Youth For ‘One Earth, One Future’: Climate Change, Sustainability and Sustainable Practices.”**

Under the aegis of the **5th Delhi University Sustainability Forum (DUSF)**, we will organize the **School Students' Conference (SSC)**, the **Young Scholars' Conference (YSC)** and the **National Photography Competition (NPC) and Exhibition** with the aim to steer the future of our planet towards environmental sustainability through the adoption of sustainable practices. These competitions aim to provide the participants, especially the young brigade from schools, with an unparalleled platform to participate in and witness the deliberations of a university-level conference and engage in meaningful interactions with esteemed scholars. This experience is sure to enhance their preparedness for higher education, motivation for research endeavours, and will also ensure their meaningful contributions to the society at large. The forum will also provide a dedicated platform to

## DUSF '22 x H-MUNEA '23

research scholars to present their ongoing research on climate change and sustainability, and share with the larger fraternity their research solutions for sustainable practices that could potentially ensure a holistic turn for the “One Earth, One Future,” which is, willy-nilly, our shared predicament.

The **6th Harithkram Model United Nations Environment Assembly (HMUNEA)** will provide a one-of-its-kind platform for young scholars hailing from various backgrounds to engage in environmental diplomacy through intensive brainstorming, debates, and discussions about the pressing challenges facing our common future, specifically centered around climate change, sustainability and sustainable practices. By fostering such discourses, HMUNEA aims to enrich the understanding and knowledge surrounding environmental issues while foregrounding the role that the youth can play in ensuring that their shared future is indeed something to look forward to: breathable, inhabitable and livable.

DUSF '22 x H-MUNEA '23

# CONCEPT NOTE FOR DUSF '22 x H-MUNEA '23

## YOUTH FOR 'ONE EARTH, ONE FUTURE:' CLIMATE CHANGE, SUSTAINABILITY AND SUSTAINABLE PRACTICES

*Never doubt that a small group of thoughtful committed people can change the world. Indeed it is the only thing that ever has. -- Margaret Mead*

Climate change is an immediate threat affecting ecosystems, societies and economies worldwide. The climate situation worldwide is critical, and it has become imperative that we embrace sustainability in all its aspects – environmental, social and economic – to protect the planet and secure the well-being of future generations. The role that youth play is crucial to any issue that concerns our future, and it becomes manifold in addressing key global concerns, especially the future of the only planet we all inhabit. The urgency of the climate crisis and the integration of sustainable practices and sustainable development in letter and spirit necessitate that youth take up leadership roles for mitigating the climate crisis that all nations and people of the world are mired in.

Going forward, one of the methods to downsize the magnitude of the climate crisis is by empowering youth as agents of change, which starts with promoting holistic education, sustainability awareness programs and incorporation of sustainable practices from an early age. The enthusiasm, creativity and determination of young individuals place them at the forefront of climate activism and movements. Young people possess significant power to drive change and help shape the future of our planet. Their passion, ingenuity, and commitment to justice and equality make them key agents of positive transformation. They are engaged in worldwide environmental activism, leading initiatives such as educational campaigns, ecopreneurship and community-led

# CONCEPT NOTE FOR DUSF '22 x H-MUNEA '23

conservation projects. Empowering young individuals to engage in sustainable practices can have a ripple effect, inspiring broader societal change.

Sustainability and sustainable practices are at the core of building a resilient future, which goes hand in hand with social equity and intergenerational justice. The concept of **'One Earth, One Future'** highlights the interconnectedness and equitable existence of all living beings on our planet. It reflects the understanding that our actions and choices today have profound consequences on future generations. Addressing climate change and achieving sustainability requires collective efforts that transcend the limitations posed by age, class, sex, social background and nationality. When the youth of the world come together to work hand-in-hand, we can create a future where both the needs of people and the planet are taken care of, ensuring a sustainable and thriving planet for future generations, and a healthy and prosperous future for all. Fresh perspectives and innovative solutions offered by the youth can be powerful catalysts for transformative change. Through global solidarity and collaborative efforts, we can build a future where the well-being of the planet and the populace are harmoniously balanced, realizing the vision of **'One Earth, One Future.'** Drawing inspiration from **India's G20 Presidency** this year, Harithkram has decided to highlight the interconnectedness of geodiversity, biodiversity and the role of youth vis-à-vis climate change and sustainability for its youth conference. Harithkram is going to organize two flagship events, **DUSF '22 and H-MUNEA '23, a three-day youth conference** on the focal theme **"Youth for 'One Earth, One Future: Climate Change, Sustainability and Sustainable Practices"** on **October 6-8, 2023**. We are pleased to launch the youth conference on **October 6**, which is observed as **International Geodiversity Day (IGD)**.

# CONCEPT NOTE FOR DUSF '22 x H-MUNEA '23

Following a grassroots campaign by geoscience organisations around the world, IGD was proclaimed by UNESCO in 2021 as a worldwide celebration to bring people together for promoting the many aspects of geodiversity. We eagerly await the opportunity to host the environmentally conscious youth for this youth conference of immense importance in these times of climate crisis.



DUSF '22 x H-MUNEA '23



**DUSF '22**  
DELHI UNIVERSITY  
SUSTAINABILITY FORUM

**HMUNEA'23**  
HARITHKRAM  
MODEL UNITED NATIONS  
ENVIRONMENT ASSEMBLY



On the Theme:  
**YOUTH FOR 'ONE EARTH, ONE FUTURE:'**  
CLIMATE CHANGE, SUSTAINABILITY AND  
SUSTAINABLE PRACTICES



# DELHI UNIVERSITY SUSTAINABILITY FORUM 2022

**Delhi University Sustainability Forum** is the brainchild of Harithkram's endeavour to spread awareness **#BeyondTheBoundaries**, a revolutionary platform for the students to deliberate on and discuss intriguing issues related to the fields of energy, environment and sustainable development and find practical solutions to environmental problems in association with worldwide thinkers and practitioners coming from governments, business and industries, multilateral and bilateral organizations, research and academia and the civil society. It also aims to discuss worldwide industrial development, associated environment and sustainability analysis, and provide innovative solutions to local industries and governments to meet the **Sustainable Development Goals (SDGs)**.

## VISION STATEMENT

*"To provide a platform for constructive discussions aimed at cutting down social, environmental and economic challenges, to find practical solutions to them and bringing them to practice at grass root level through the knowledge-sharing network of specialized institutes."*

## MISSION

**D**edicated towards implementing practical solutions at the grassroot levels.

**U**nited to confront the challenges of modern world with the help of knowledge-sharing network of specialized organizations.

**S**trengthening the knowledge-sharing network of these specialized institutes and bridging the gap between the academia and the corporates.

**F**ocusing on providing a platform for constructive discussions in order to formulate solutions of interconnected social, environmental and economic problems for a more sustainable world.

# DELHI UNIVERSITY SUSTAINABILITY FORUM 2022

This youth conference marks the **Fifth Edition** of the Delhi University Sustainability Forum. It will comprise **three** events in addition to the **DUSF Plenary Session on the focal theme.**

## 1. **Young Scholars Conference (YSC)** –

This competition is exclusively for young researchers under the age of 35 who are actively engaged in research about the field of Environment and Sustainable Development. The participants will deliberate on the focal theme “Youth For ‘One Earth, One Future’: Climate Change, Sustainability and Sustainable Practices.”

## 2. **School Students’ Conference (SSC)** –

If we are to make any strides in the field of environmental conservation and sustainability, we ought to start young and start early. Under the School Outreach Programme, this conference is meant for school students to discuss and deliberate on the allied theme, “Youth and Sustainable Practices.”

## 3. **National Photography Competition (NPC) and Exhibition** –

The National Photography Competition on the focal theme is an open-for-all event. The entries received will be exhibited in the College campus and the winner will be chosen by the jury members and announced in the valedictory function.

Thus, the conference provides a unique opportunity to all the institutions who are working in similar fields to share their knowledge and to be a part of this knowledge network. It is a unique collaboration to mobilize the expertise and experience from academia, civil society, private industries and business to find solutions to some of the world’s most crucial and interconnected social, environmental and economic

# DELHI UNIVERSITY SUSTAINABILITY FORUM 2022

challenges with the help of knowledge sharing network, so as to practice and implement the solutions at grassroot levels. Thus, DUSF will not just be a forum for constructive discussions but will also try to find out approaches that are feasible to solve the manifold and intersecting challenges in the way of sustainability in today's world. **This forum will function with the help of collaborating bodies specialized in the different fields of sustainability, which will act as nodal centres, along with a stationed ambassador in each nodal centre.** Thus, this flagship program is an initiative to bridge the gap between academia and the corporate world to tap the potential available in different specialized institutes of India.



# HARITHKRAM MODEL UNITED NATIONS ENVIRONMENT ASSEMBLY 2023

The first session of the United Nations Environment Assembly (UNEA) of the United Nations Environment Programme was convened on June 23, 2014, at the UNEP headquarters in Nairobi with more than 1200 participants including Environment Ministers, Government delegates and representatives of major groups and stakeholders. It was indeed a historical event wherein the environment formed the focal point of discussions in the international community. Taking a cue from UNEA, Harithkram started its journey of hosting the mock UNEA in 2014 with a shared vision of setting up a path of environmental sustainability.

The Sixth Edition of the simulation of the United Nations Environment Assembly (UNEA) of the United Nations Environment Programme (UNEP) by Harithkram offers young scholars from varied backgrounds a forum to debate and deliberate upon urgent environmental concerns and reflect on viable solutions to environmental problems. It is a splendid opportunity for young voices to play their part in ensuring a clean and green environment, and as a result, a better, holistic future, through environmental advocacy and diplomacy.

Inspired by the ever-increasing awareness of the environment along with a genuine mission to promote and protect it, H-MUNEA '23 will provide a platform to the youth who always wished to register their voice for a sustainable future.

## **AGENDAS:**

### **1. Renewable Energy Transition**

The global shift towards renewable energy sources is a pivotal and transformative change essential for securing a sustainable future. Driven

# HARITHKRAM MODEL UNITED NATIONS ENVIRONMENT ASSEMBLY 2023

by the pressing necessity to combat climate change and reduce our dependence on finite fossil fuels, this transition is gaining momentum worldwide.

Renewable energy technologies—encompassing solar, wind, hydroelectric, and geothermal power—efficiently tap into the earth’s natural resources without exhausting them. These sources prioritise environmental preservation and yield economic advantages through job creation and reduced energy expenses. As technology progresses and economies of scale are realised, renewables are becoming increasingly competitive compared to traditional energy sources.

Governments, corporations, and individuals are wholeheartedly embracing this transition, investing in clean energy infrastructure, and adopting energy-efficient practices. Nevertheless, numerous obstacles, such as the intermittent nature of certain renewables and the necessity for innovative energy storage solutions, persist. Conquering these challenges remains imperative to realising a sustainable energy future that mitigates climate change effectively and guarantees future energy security for generations.

## **2. Climate Adaptation and Resilience**

In addressing the escalating impacts of climate change, climate adaptation and resilience emerge as fundamental elements of our response to a slew of environmental problems. With the planet witnessing heightened occurrences of severe weather events, rising temperatures, and shifting climate patterns, it has become absolutely necessary to adapt to these changes and fortify the resilience of our communities, ecosystems, and infrastructure.

# HARITHKRAM MODEL UNITED NATIONS ENVIRONMENT ASSEMBLY 2023

Adaptation entails acclimating to new environmental circumstances and preparing for potential climate-related challenges. This encompasses actions like constructing flood defences, cultivating drought-resistant crops, and crafting urban infrastructure capable of withstanding extreme weather.

Resilience, on the other hand, extends beyond adaptation and encompasses the capacity to rebound and prosper in the face of adversity. It involves nurturing robust ecosystems, diverse economies, and robust social support systems capable of enduring and recovering from climate-induced shocks.

Strategies for climate adaptation and resilience not only safeguard lives, livelihoods, and the natural environment but also equip us amply to navigate an increasingly uncertain climate future. These endeavours are indispensable in guaranteeing a sustainable and secure world for both current and future generations.

### **3. Sustainable Consumption and Production**

Sustainable consumption and production represent a pivotal shift in perspective, one that is imperative to confront the environmental and social challenges we confront worldwide. It entails the efficient utilization of resources, waste reduction, and the creation of goods and services with minimized environmental footprints.

The core objective of sustainable consumption and production is to uncouple economic growth from environmental harm, emphasizing innovation and conscientious consumption. It promotes the adoption of cleaner technologies, encourages eco-friendly practices, and champions circular economies that prioritize resource recycling and reuse.



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The adoption of sustainable consumption and production can help mitigate natural resource depletion, decrease pollution, and reduce greenhouse gas emissions. Moreover, it fosters equitable labour practices, social justice, and an overall improved quality of life for everyone. The responsibility for advancing sustainable consumption and production falls on governments, corporations, and individuals alike, with the potential to contribute significantly to a more balanced and resilient global economy, as well as a healthier planet.

## **4. Circular Economy and Waste Management**

The concept of a circular economy is a transformative approach to resource management, emphasizing the reduction of waste and the promotion of sustainability. In a circular economy, products and materials are designed to have a longer lifespan, can be easily repaired and recycled, and hence generate minimal waste. This shift in mindset is in contrast to the traditional linear model of "take, make, dispose," which results in excessive waste and resource depletion.

Effective waste management plays a pivotal role in realizing a circular economy. It involves strategies such as recycling, composting, and responsible disposal to minimize environmental impact. The integration of waste back into the production cycle as a valuable resource is a key tenet of this approach.

By embracing the principles of a circular economy and implementing efficient waste management practices, societies can reduce their ecological footprint, conserve natural resources, and cut down on pollution. This transition toward a circular and sustainable system not only benefits the environment but also holds economic promise, creating green jobs and

# HARITHKRAM MODEL UNITED NATIONS ENVIRONMENT ASSEMBLY 2023

fostering innovation in resource-efficient technologies. In conclusion, the combination of a circular economy and responsible waste management is a powerful strategy for achieving environmental sustainability and economic resilience.

## **5. Green Finance and Investment**

Green finance and investment are instrumental in the transition to a more sustainable and environmentally responsible global economy. These concepts involve directing financial resources toward projects, businesses, and initiatives that have a positive impact on the environment and society. Green finance encompasses a range of financial instruments and mechanisms, such as green bonds, sustainable loans, and impact investing. It seeks to support activities that promote climate resilience, renewable energy, energy efficiency, and other environment-friendly endeavours.

Investors and financial institutions are increasingly integrating environmental, social, and governance (ESG) criteria into their decision-making processes. This implies taking into consideration not only financial returns, but also the environmental and social impact of investments. Green finance and investment are crucial tools for addressing climate change, conserving natural resources, and fostering a more sustainable and equitable future. They align financial interests with the broader goals of environmental sustainability and social responsibility.

## **6. Transparency and Accountability in Climate Agreement**

Transparency and accountability are fundamental pillars of any effective climate agreement. In the context of global efforts to combat climate change, these principles ensure that countries and stakeholders are held responsible for their commitments and actions. Transparency involves the

# HARITHKRAM MODEL UNITED NATIONS ENVIRONMENT ASSEMBLY 2023

open sharing of information about greenhouse gas emissions, climate policies, and progress towards climate goals. It allows for the verification of claims and ensures that nations are fulfilling their obligations under the agreement. Transparency also promotes trust among parties and fosters cooperation in achieving collective climate objectives. Accountability in climate agreements means that parties are answerable for meeting their agreed-upon targets and commitments. It often involves monitoring and reporting mechanisms to track progress. When countries fail to meet their obligations, accountability mechanisms can trigger consequences or corrective actions.

Overall, transparency and accountability are vital for the success of climate agreements, such as the Paris Agreement, for instance. They provide the necessary framework to assess, enforce, and strengthen climate action, ultimately shifting gears towards a more sustainable and resilient future for the planet.



# EMINENT GUEST SPEAKERS IN THE CONFERENCE

**Mr. Kartikeya Sarabhai**  
Founder & Director,  
Centre for Environment Education (CEE)



**Mr. Atul Bagai**  
Country Head,  
United Nations Environment Programme  
(UNEP - India), New Delhi



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**Prof. Col. Sanjay Srivastava**  
Chairman, CROPC &  
Professor of Practice, TERI-SAS



**Dr. G. Areendran**  
Director, Indira Gandhi Conservation  
Monitoring Centre, WWF-India  
Coordinator- ENVIS (MoEF & CC)  
WWF-India

# EMINENT GUEST SPEAKERS IN THE CONFERENCE

**Mr. Sumit Sharma**  
Programme Officer,  
United Nations Environment Programme  
(UNEP - India), New Delhi



**Ms. Reena Gupta**  
Advisor to the Environment Minister,  
Government of National Capital Territory of  
Delhi



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**Dr. P. K. Bhattacharya**  
Senior Fellow and Associate Director,  
Knowledge Resource Centre,  
The Energy Resources Institute (TERI)





# EXECUTIVE BOARD FOR H-MUNEA '23

## **Mr. Lakshay Yog**

### **President**

An alumnus of Shaheed Bhagat Singh College, Lakshya Yog is presently affiliated with Jawaharlal Nehru University as a Senior Research Fellow. His area of interest includes social and ecological justice, education for

sustainable development, and the role of youth and leadership in environmental awareness. His professional engagement in these fields spans across several reputed organisations such as ActionAid, Society for Participatory Research in Asia, and TERI. He has been associated with HMUNEA since its inception in various capacities. He firmly believes that a youth-led grass-root movement is a pre-requisite to tackle the current environmental and climate crisis which requires capacity-building efforts among youth.



## **Mr. Rishikesh Jha**

### **Vice-President**

Mr. Rishikesh Jha is a PhD research scholar in the Department of Geography at Delhi School of Economics, University of Delhi. He has a keen interest in topics of marginalisation, representation, and social stratification with

special focus on issues of caste, class and gender. He believes in continuous learning. He is also an amateur cook and a cricketer.





# EXECUTIVE BOARD FOR H-MUNEA '23

## **Ms. Prerna Raman**

### **Rapporteur**

Ms. Prerna Raman is an advocate working with a leading law firm in Delhi. She has been litigating in the Supreme Court of India, the Delhi High Court and the National Green Tribunal. She completed her B. Com LLB from the University of Petroleum and Energy Studies, Dehradun. She has been a regular debater, MUNner and has led MUNs organised in various institutions throughout India.



## **Ms. Upanita Chakraborty**

### **Editor-in-Chief, International Press**

Ms. Upanita Chakraborty is an aspiring environmental educator who is currently working for The Energy Forum as a Project Associate. With robust academics from Ambedkar University in Environment and



Development, coupled with hands-on experience in diverse environmental domains, she resonates with both budding learners and veteran professionals. She envisions curating pioneer and immersive educational initiatives.

**Members of the International Press:** Avni Bhutani, Gaurav Kaundinya, Jitesh Kumar and Hariom

# OUR JURY

## SSC

**Ms. Sheba Mal**

Geography Lecturer

Faith Academy Senior Secondary School

Prasad Nagar

New Delhi

**Dr. Pyarimohan Maharana**

Assistant Professor

Department of Environmental Studies

Delhi College of Arts and College

University of Delhi

## YSC

**Prof. Anupama Hasija**

Associate Professor

Department of Geography

Shaheed Bhagat Singh Evening College

University of Delhi

**Dr. Swati Thakur**

Associate Professor

Department of Geography

Dyal Singh College

University of Delhi

**Dr. S. Varadharaj**

Assistant Professor

Department of English

Shaheed Bhagat Singh College

University of Delhi

# SCHOOL STUDENTS' CONFERENCE (Under the aegis of DUSF)

## ON YOUTH AND SUSTAINABLE PRACTICES

### **GUIDELINES**

- a) Each presentation should have a unique title, which is not a reiteration of the theme of the event, and must be prominently mentioned in the presentation.
- b) The Power Point Presentation should not have more than 25 slides.
- c) There should be proper mention of the sources if any Secondary Data is used in the presentation. The presentation must include a slide at the end that lists all the references used in the content.
- d) The judging process will primarily focus on creativity and innovation displayed in your presentation. Originality and unique perspectives will be highly valued in the evaluation. The decision of the judges will be final and binding upon all the participants.
- e) Each team will get 10 minutes to present their PPT followed by interjections of 5 minutes from the competing schools.

### **PRIZES AND RECOGNITION**

- I Best School
- II Best School
- Best Presenter

# YOUNG SCHOLARS' CONFERENCE (Under the aegis of DUSF)

## ON YOUTH FOR 'ONE EARTH, ONE FUTURE:' CLIMATE CHANGE, SUSTAINABILITY AND SUSTAINABLE PRACTICES

### **GUIDELINES**

- a) Each presenter will be given 10 minutes to present their research paper.
- b) The presentation should contain a title slide with the following:
  - Name
  - Title
  - The scope of the paper
- c) One slide with hypothesis.
- d) Two or three slides covering the current research plan.
- e) The body of the presentation should not exceed 10 slides.
- f) Avoid excessive slides as it is distracting for the audience.
- g) We advise against making your slides cluttered with textual content. The audience should ideally be listening to you, not reading your slides.

### **PRIZES AND RECOGNITION**

- I Best Presenter
- II Best Presenter

# NATIONAL PHOTOGRAPHY COMPETITION (Under the aegis of DUSF)

## ON YOUTH FOR 'ONE EARTH, ONE FUTURE:' CLIMATE CHANGE, SUSTAINABILITY AND SUSTAINABLE PRACTICES

### INSTRUCTIONS FOR ENTRIES

- a) Participation should be individual and each participant can submit only 2 images.
- b) Images of not more than 15 MB in size must be submitted on our email address.
- c) Digital manipulation that distorts the reality of the images will not be accepted. Only basic enhancements such as sharpening, contrast adjustment, or simple cropping will be allowed.
- d) The photos should be accompanied by captions/descriptions (between 50-100 words relevant to the theme)
- e) The prints of the photographs will be exhibited by the organisers consequent upon which the jury will select the winners. The decision of the judges will be final and binding upon all the participants.

### PRIZES AND RECOGNITION

- I Prize
- II Prize

# HARITHKRAM MODEL UNITED NATIONS ENVIRONMENT ASSEMBLY 2023

## ON YOUTH FOR 'ONE EARTH, ONE FUTURE:' CLIMATE CHANGE, SUSTAINABILITY AND SUSTAINABLE PRACTICES

### PRIZES AND RECOGNITION

- Best Delegate
- Best Book Delegate
- Honourable Mention (2)
- Best Promising Speaker



DUSF '22 x H-MUNEA '23



# SUSTAINABLE PRACTICES AT DUSF '22 x H-MUNEA '2

## **No Single-Use Plastic Bottles**

Instead of plastic bottles, we use glass bottles, minimizing waste and promoting sustainability. We have also requested our delegates and participants to carry their own refillable water bottles during the event, with the promise to provide them an endless supply of water in our College campus.

## **Eco-Friendly Identity Cards**

Our guests, participants, delegates and organizing team identity cards are made from Recyclable Hard Paper and there is no use of plastic covers, aligning with our eco-conscious approach.

## **Canvas Bags**

We have chosen canvas bags over plastic folders or regular jute conference folders. The aim was to ensure durability, reusability and biodegradability of the bags and minimize wastage.

## **Recyclable Notebooks**

Our event notebooks are made from recycled paper generated by the College fraternity. We have done this in the spirit of ensuring that the waste generated by us is properly recycled and put to use.

## **Plencils - Plantable Pens**

Each attendee has been provided a plantable pen made of cardboard, with seeds embedded at the back. In the spirit of encouraging a greener future, we expect each receiver to plant the seed after they have used the pen and take care of the plant that grows thereafter.

## **Eco-friendly Cutlery**

In our event, we are committed to creating a plastic-free environment. We have not used single-use plastics and have opted for eco-friendly cutlery made out of canefiber to reduce our carbon footprint.

## **Repurposing and Reusing of Old Resources**

Many resources put to use in this conference has been repurposed and reused from the older years. The cloth flags, a few paper flags and flash cards, metal frames, dais cutlery, folders, bell etc. that have been used have been our old companions.

## **SDG Tree Representing Biodiversity**

In order to generate discussions on the SDGs and the importance of biodiversity, our students have designed a SDG tree depicting various facets of biodiversity. Please stop by the tree and appreciate the thought, the hours, the love and the art that went into creating it.

# KNOWLEDGE PARTNERS



**Department of Environment**  
Government of NCT of Delhi



**THE ENERGY AND RESOURCES INSTITUTE**  
*Creating Innovative Solutions for a Sustainable Future*

# OUR SUPPORTERS FOR DUSF '22 x H-MUNEA '23



## F9 GOKARTING



plencils

# PROGRAMME SCHEDULE

SHAHEED BHAGAT SINGH COLLEGE  
(UNIVERSITY OF DELHI)  
Sheikh Sarai – II, New Delhi – 110017

HARITHKRAM in collaboration with IQAC, SBSC  
presents

A Three-Day National Youth Conference  
(DUSF '22 x H-MUNEA '23)

5th Edition of Delhi University Sustainability Forum (DUSF) and  
6th Edition of Harithkram Model United Nations Environment Assembly (H-MUNEA)

on

**YOUTH FOR 'ONE EARTH, ONE FUTURE:' CLIMATE CHANGE,  
SUSTAINABILITY AND SUSTAINABLE PRACTICES**

**October 6 (Friday) – October 8 (Sunday), 2023**

Venue: College premises

## PROGRAMME SCHEDULE

TIME (IST in HOURS)	Venue	PROGRAMME
<b>DAY 1 - OCTOBER 06, 2023 (FRIDAY) – Delhi University Sustainability Forum (DUSF)</b> <b><i>International Geodiversity Day (IGD)</i></b>		
09:30 – 10:30	C-Block Foyer	<b>Registration</b>
11:00 – 12:15	Seminar Hall C-5	<b>Inaugural Session</b> Chief Guest: <b>Mr. Kartikeya Sarabhai</b> , <i>Founder and Director, Centre for Environment Education (CEE)</i> Guest of Honour: <b>Col. (Prof.) Sanjay Srivastava</b> , <i>Chairman, CROPC and Professor of Practice, TERI-SAS, New Delhi</i>
12:15 – 12:30		Tea
12:30 – 14:00	Seminar Hall C-5	<b>DUSF Plenary Session</b> Speaker(s): <b>Dr. P.K. Bhattacharya</b> , <i>Senior Fellow and Associate Director, Knowledge Resource Centre, The Energy Resources Institute (TERI), New Delhi</i> <b>Ms. Reena Gupta</b> , <i>Advisor to Environment Minister, Government of National Capital Territory of Delhi</i> Moderator: <b>Mr. Lakshya Yog</b> , <i>Senior Research Fellow, Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi</i>
14:00 – 14:30		Lunch
14:30 – 16:30	Seminar Hall C-5	<b>DUSF School Students' Conference on "Youth and Sustainable Practices"</b>

# PROGRAMME SCHEDULE

## DAY 2 - OCTOBER 07, 2023 (SATURDAY) – Harithkram Model United Nations Environment Assembly (H-MUNEA)

08:45 – 09:15	C-Block Foyer	<b>Registration</b>
09:30 – 10:30	Seminar Hall C-5	<b>Inaugural Session</b> <i>(Declare the 6<sup>th</sup> Model UNEA 2023 Open and the Inaugural Address)</i> Chief Guest: <b>Mr. Atul Bagai</b> <i>Head, United Nations Environment Programme (UNEP – India), New Delhi</i>
10:30 – 11:30	Seminar Hall C-5	<b>H-MUNEA Opening Session</b>
11:30 – 11:45		Tea
11:45 – 13:45	Seminar Hall C-5	<b>H-MUNEA Technical Session I</b>
13:45 – 14:30		Lunch
14:30 – 17:30	Seminar Hall C-5	<b>H-MUNEA Technical Session II</b>
	Seminar Hall C-1	<b>DUSF Young Scholars' Conference on the focal theme</b>

## DAY 3 - OCTOBER 08, 2023 (SUNDAY) – H-MUNEA continued...

09:30 – 12:30	Seminar Hall C-5	<b>H-MUNEA Technical Session III</b>
12:30 – 14:00		Lunch of Hope
14:00 – 15:30	Seminar Hall C-5	<b>H-MUNEA Technical Session IV</b>
15:30 – 16:00		High Tea
16:00 – 17:30	Seminar Hall C-5	<b>Closing and Valedictory Session</b> Guests of Honour: <b>Dr. G. Areendran</b> , <i>Director, The Indira Gandhi Conservation Monitoring Centre, WWF-India, New Delhi</i> <b>Dr. Sumit Sharma</b> , <i>Programme Officer, United Nations Environment Programme (UNEP-India), New Delhi</i>



# ORGANISING COMMITTEE

## **PATRON**

Prof. Arun Kumar Attree

## **CONVENER**

Ms. Jyoti Varshney

## **STAFF ADVISOR**

Dr. V. A. V. Raman

## **FACULTY COORDINATOR**

Dr. Komal Agarwal

## **STUDENT COORDINATORS**

Abhishek Rajhans | Anshika Mishra

## **STUDENT CO-COORDINATORS**

Lakshay Sethi | Shiv Kumar

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## **DEPARTMENTAL HEADS**

### **IT and Design**

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### **Content**

Avni Bhutani | Riddhi Maitre

### **Operations and Logistics**

Devvrat Dev | Prakash Kumar

### **External Relations**

Parth Gupta | Richa Jha

# ORGANISING MEMBERS

## FACULTY MEMBERS

Ms. Mita Hussain  
Dr. Shikha Gupta  
Ms. Beena Arya  
Dr. Nida Arshi  
Mr. Harvinder Singh  
Ms. Sandhya

## STUDENT MEMBERS

Sumit Kumar  
Mridula Uppal  
Kamakshi  
Devesh Singh  
Keshav Gupta  
Nateesha Manhas  
Shruti Kumari  
Sresta Devi  
Chetan Patnaik  
Devansh Negi  
Pranay Bagde  
Suvrit Prakash  
Gaurav Kumar Das  
Ujjwal Mishra  
Vishnu Bishnoi  
Gaurav Kaundinya  
Divyanshu Divakar  
Anurag Chaurasiya  
Nikhil Kumar Sain

Rachit Batra  
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Sahil Tejaswi  
Garv Nausran  
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Simran Singh

## Handbook Content:

**Ujjwal Mishra, Shreya Yugal and Anshika Mishra**

## Handbook Design:

**Krishan Kumar**



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# **HARITHKRAM**

## **THE ENVIRONMENT SOCIETY**

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**Harithkram-The Environment Society  
Shaheed Bhagat Singh College  
(University of Delhi)  
Sheikh Sarai Phase-II,  
New Delhi - 110017**

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