

HARITHKRAM
THE ENVIRONMENT SOCIETY
SHAHEED BHAGAT SINGH COLLEGE
UNIVERSITY OF DELHI

PRESENTS



D U S F

**DELHI UNIVERSITY
SUSTAINABILITY FORUM**

2
0
1
8

11-12th October

Venue: Shaheed Bhagat Singh College

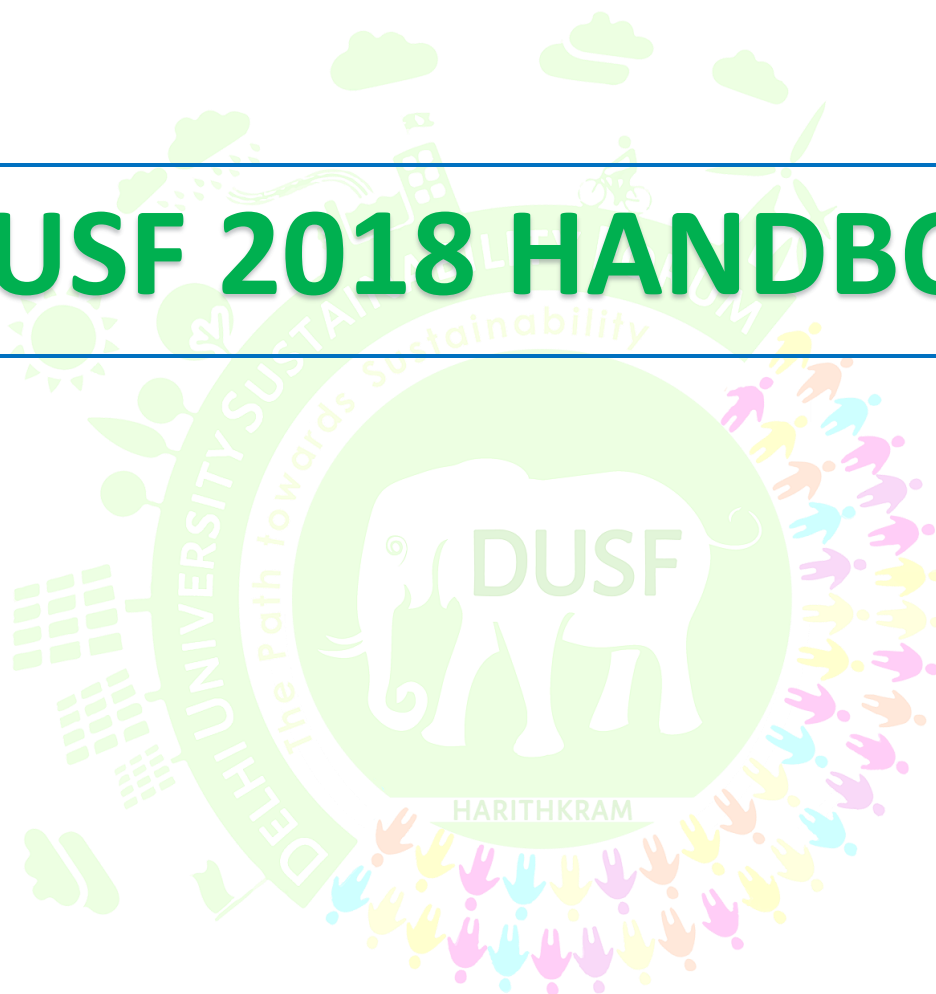
**A TWO DAY YOUTH CONFERENCE FOR
BUDDING ENVIRONMENTALISTS**

FOCAL THEME

ENVIRONMENTAL SUSTAINABILITY: A CHALLENGE ?

VISIT:
www.harithkram.org

DUSF 2018 HANDBOOK



MESSAGE FROM THE PATRON



Shaheed Bhagat Singh College is one of the leading colleges of University of Delhi imparting higher education in commerce, humanities and social sciences.

It gives me immense pleasure to welcome you to **Harithkram – The Environment Society** of Shaheed Bhagat Singh College and to introduce you to a place of transformation for potential blossoming environmentalists across India. Through meticulous hard work put in by our students of the Harithkram society, we are presenting the third edition of the two-day Youth Conference under the aegis of **Delhi University Sustainability Forum (DUSF)** to be held on October 11-12, 2018. This third edition of the forum is scheduled in the college premises for the first time.

I hope that you will appreciate this nascent step of our students in nurturing and integrating the expertise across the world with an aim to educate participants about current events, topics in international relations, diplomacy and the United Nations agenda relating to the environment. This innovative conference will indeed provide a unique platform to all the young minds that have a passion for understanding the intricacies of environment and a willingness to work towards its betterment. The focal theme of the conference this year is "**Environmental Sustainability: A Challenge?**" which will provide a stage to young minds to deliberate on and discuss this crucial aspect springing forth from the deliberations on Sustainable Development Goals in the same forum in 2016.

As an institution, we are committed towards shaping future global citizens and promoting the faith and confidence of all the participants. I take this opportunity to congratulate all the members of the Harithkram- Environment society, the young green brigade, for this noble initiative under the mentorships of Ms. Mita Hussain and Dr. V.A.V. Raman.

With warm regards and best wishes.

Dr. P. K. Khurana
Principal
Shaheed Bhagat Singh College

MESSAGE FROM THE CONVENER



Greetings from the Steering Committee of ***Harithkram- the Environment Society*** of Shaheed Bhagat Singh College, University of Delhi.

Harithkram has endeavoured to tap the potential of young minds in surmounting the environmental challenges. Sustainability is a crucial concept in today's environmental concerns: one has to ponder upon "how the developmental challenges of the present can be met without compromising the development possibilities of the future generations."

The **Delhi University Sustainability Forum** is a promising platform to bring together the youth from schools and colleges to discuss articulate, exchange and innovate ideas of global sustainability encompassing economic and social well-being, while also safeguarding the environment.

Many compliments to our students who have worked tirelessly towards facilitating this summit, the outcomes of its deliberations will be an enduring contribution to the community at large.

Warm Wishes,

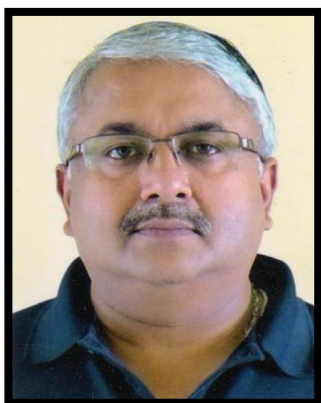
Ms. Mita Hussain

Convener

Harithkram- The Environmet Society

Shaheed Bhagat Singh College

MESSAGE FROM THE STAFF ADVISOR



Greetings from *Harithkram - the Environment Society* of Shaheed Bhagat Singh College. Tomorrow's leaders need to be equipped for future challenges. The youth of today must adequately be trained for the future and be made to commit to facilitating environmental education in the sustainably educated world of tomorrow.

While participating in the activities of Harithkram and its scholastic conference, a novice student's mind might also focus on devising innovative ways to find solutions to problems of environment and execute them optimally. It is, therefore, a matter of great honour to announce the two-day Youth Conference on the focal theme "**Environmental Sustainability: A Challenge?**" under the banner of the **Delhi University Sustainability Forum (DUSF)**, a revolutionary platform for emerging environmentalists. DUSF will serve as an academic exemplar with an aim to educate participants about current critical environmental issues. Keeping environmental historicity in mind while crafting this particular event, the young minds have played a pivotal role in tutoring and transfiguring the international community with the common vision of global sustainability.

I am thankful to my students for advancing this innovative step in order to make a positive contribution to the community. I also hope that the society's website (www.harithkram.org) will be able to provide a wealth of information and resources on key environmental issues at hand.

Best Wishes,

Dr. V.A.V. Raman
Staff Advisor
Harithkram-Environment Society
Shaheed Bhagat Singh College

ABOUT THE COLLEGE

Shaheed Bhagat Singh College, named after the great son of India, Shaheed-e-Azam, Sardar Bhagat Singh, was established as a co-educational college in 1967. It is one of the leading colleges of the University of Delhi imparting higher education in commerce, humanities and social sciences for over four decades. It acquired postgraduate status in a record time of 7 years. The college takes pride in its accomplished faculty.

The college campus is equipped with a fully computerized library, computer laboratories, Geography lab, and impressive infrastructure including a sports ground; with a cricket pitch, a volley-ball court, a basket-ball court, and a lawn tennis court which meet international standards. **In its Golden Jubilee year, the College has added two state-of-the-art Seminar Rooms (fully air conditioned together with audio-visual facility) . With a capacity of hundred seats each, these seminar rooms will be used to host the indoor events in this third edition of DUSF.**

Over a period of over 50 years, the college has distinguished itself academically and professionally by providing a vibrant and intellectually stimulating academic culture and promoting independence of thought and vision.

Thus, Shaheed Bhagat Singh College in addition to distinguishing itself academically, is actively involved in various cultural activities including dance, music and visual and performing arts. Students are encouraged to participate in activities organized both by the college as well as other colleges in the city, and is noted for sustaining a high level of performance across fields. The college has always been proud of its tradition of encouraging student initiatives and alternative forms of creative expression outside the classrooms.

The dynamism of the institution is displayed in all its aspects, particularly in the manner in which the college has evolved in response to societal needs and aspirations.

The well-known alumni of the college have meaningfully contributed towards business, culture and the society at large.



HARITHKRAM- ENVIRONMENT SOCIETY

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 in and around the college. It develops and channelizes the creative ideas of the young and potential environmentalists towards a greener world through team building.

The society focuses primarily on sensitizing the students on environmental issues. Our aim is that an increasing number of students showcase deep and abiding interest towards the environment and make Harithkram not just any other society, but a forum for constructive discussions and debates on any and every green cause. The society has been actively involved in participating in eco-campaigns organized by the Delhi Government.

Harithkram conducted India's first Model United Nations Environmental Assembly based on UNEP's United Nations Environmental Assembly in the year 2014 named Harithkram Model United Nations Environmental Assembly (H-MUNEA'14). The society continued its efforts towards generating awareness regarding environmental issues among the youth through celebrating various international movements (like observing Earth Hour, and the World Environment Day). The students of the society also represented college in the Inter University Competition on Water Resources Management (IUWRM) organised by The Energy and Resources Institute (TERI) and TERI-University. It has also showcased its committed action to environmental sustainability (ground water recharging wells in the College campus, recycling paper used during the DUSU elections, water and electricity audit) in the Annual University Festival of University of Delhi- "Antardhvani'15" and various other platforms.

Harithkram has also regularly taken up awareness campaigns and successfully conducted the two day National Youth Conference under the aegis of Delhi University Sustainability Forum (DUSF) on "Sustainable Development Goals: A Way Forward" in October 2016, H-MUNEA'17 in September 2017, and G-5 Summit in February 2018 to address various environmental issues.

This society is guided by the core conviction that young people comprise a powerful and untapped force that can bring about a positive change in their communities and nations. Such a force is essential to bring about a paradigm shift in our society. It is a medium for us to direct our unbounded zeal and energy towards making a healthy, stable and sustainable society.

ABOUT THE CONFERENCE

Delhi University Sustainability Forum is the brainchild of Harithkram's mission of awareness "Beyond the Boundaries", that provides a revolutionary platform for the students to discuss and deliberate on some of the pressing and intriguing issues related to fields of energy, environment and sustainable development and to find their practical solutions 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 to 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

Dedicated towards implementing practical solutions at the grassroots levels.

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

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

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

This conference marks the **Third Edition** of the Delhi University Sustainability Forum. This will comprise **four** events in addition to the **DUSF Plenary Session** on the focal theme “**Environmental Sustainability: A Challenge?**”

1. Young Scholars Conference (YSC) -

This will provide a platform to young researchers below the age of 35 years who are pursuing their research in the field of Environment and Sustainable Development. They will deliberate on the theme “**Alternative Resources: A Solution?**”

2. Harithkram Youth Summit (HYS) -

A debate-cum-conference that provides a platform to the budding environmentalists (for Under Graduate and Post Graduate students) to share their ideas and views relating to the focal theme “**Environmental Sustainability: A Challenge?**”

3. School Students’ Conference (SSC) under School Outreach Programme -

This will be for school students to discuss and deliberate on the theme of “**Clean Water and Sanitation: A Human Right?**”

4. National Photography Competition (NPC) and Exhibition -

The third Edition of *National Photography Competition* on the focal theme “**Environmental Sustainability: A Challenge?**” and an *Exhibition* on environment friendly practices.

Thus, it 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 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 viable approaches to solve the myriad and intersecting challenges 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 corporate world to tap the potential available in different specialized institutes of India.

CONCEPT NOTE

**"Let what I dig from thee, O' Earth, rapidly spring and grow again
O' Purifier, let me not pierce through thy vitals or thy heart. . ."**

ATHARVA VEDA [Book XI, Hymn I]

Ecological balance or a steady state earth system is integral to our survival and well-being. Human beings play a vital role either directly or indirectly in this process. Nature creates and maintains the conditions under which humans can live in productive harmony, also fulfilling the social, economic and other requirements of present and future generations.

Environmental sustainability involves making decisions and taking actions that are in the interests of protecting the natural world, with particular emphasis on preserving the capability of the environment to support human life. It is an important subject in present times, as people are realising the full impact, the businesses and individuals can have on the environment.

Is the Concept of Sustainable Development Flawed?

This is a big question and there are lot of interpretations of Sustainable Development. There are many reasons why one might critique the Sustainable Development Goals and initiatives taken so far. Both 'sustainable' and 'development' are open to huge interpretive difficulties, which can be laden with a range of ideologies, perspectives and priorities.

If development also represents a qualitative improvement in social and environmental needs, then in our view, the idea of development involves a more dynamic interplay between economic, social and environmental goals to achieve desirable lifestyles. Sustainable development is thus not flawed in itself. Rather, it is just a question of striking the right balance between the factors involved.

But such a balance is likely to require a hard-to-imagine cultural shift and a change in the economic and political paradigms. It seems that we have left the environment unaccounted for, for so long that a more drastic rebalance seems difficult to attain, but is the need of the hour.

The current economic system requires continual growth and does not directly account for social and environmental outcomes. Essentially, the economic system seeks to subsume the environment within it, assuming that any degradation or depletion of resources will be avoided and/or technological development trends moves us to other resources in time and reduce material consumption and pollution.

So, is sustainable development flawed because the change in our economic and political system is inconceivable? Well, maybe or may not!

Regardless of where we look for pessimism or optimism on these points, it is hard to maintain sustainable development is flawed in its intentions; surely everyone agrees that we are better off aiming for global equality and healthy ecosystems. It just depends on one's ideas of how we get there. Although overuse of resources may have led to sustainable development losing some of its interpretive value.

We are starting to witness the penalty for unsustainable lifestyles and patterns of production and consumption. As the human population is exploding, resources are shrinking. Concerns loom everywhere, from declining pollinators affecting food security, to air and water pollution affecting the quality of life, and land shortage and degradation affecting both agriculture and biodiversity.

Very simply put, environmental sustainability works on the concept of balance. This balance can be seen in the usage of resources globally, a balance within the economic strata of societies so as to not deprive anybody of basic needs, a balance between development and the need to save the environment simultaneously. Once this balance is achieved, the principles behind the functioning of societies and communities at every level will automatically aim at maintaining that balance or as it is understood today, sustainable development. But the, crucial point that emerges is, why is it taking so long to achieve this balance? Hence, this conference aims to discuss the inevitable question:

“Environmental Sustainability: A Challenge?”



YOUNG SCHOLARS' CONFERENCE

ON

ALTERNATIVE RESOURCES: A SOLUTION?

CALL FOR PAPERS

Harithkram- the Environment Society of Shaheed Bhagat Singh College invites research papers and posters from all interested young academicians and researchers at **Young Scholars' Conference (YSC)** on the focal theme **Alternative Resources: A Solution?** under the aegis of **Delhi University Sustainability Forum** to be held on October 11-12, 2018. YSC will provide a platform to young researchers below 35 years who have keen interest in the field of Sustainable Development. There will be oral presentations as well as poster presentations in the conference. Interested author(s) are requested to submit the abstract according to the following guidelines:

The Organizing Committee accepts submissions of original abstracts on any topic related to the theme. The abstract of the paper(s) submitted to the conference will be selected through peer reviewing process. Please read all instructions carefully before submission of the abstract.

Instructions for Submission of Abstracts

- The abstracts written in English should be submitted through e-mail at harithkram@sbs.du.ac.in Hard copy submission will not be accepted.
- **Best 10 out of 20** selected papers will be presented as Oral Presentations. Rest of the 10 papers will be presented as Poster Presentations.
- Title: A brief title of not more than 15 words is recommended, and capitalization of the first letter of all major words. No abbreviations are to be used in titles.
- Author(s): The name should be typed in CAPITAL letters.
- Text: The abstract must clearly indicate the problem, methodology and result of the work in 300 words. (Abstracts above this limit will not be accepted). Subtitles, tables, symbols and diagrams must be strictly avoided in the abstract.
- Please include not more than 10 key words.
- All abstracts must be submitted by presenting authors along with his/her email address and contact number.

No Abstracts shall be accepted after the specified period of time.

The acceptance of the Selected Abstracts by the DUSF Secretariat shall be intimated through email to the registered participants.

If you need to re-edit your abstract, you may do so by contacting the DUSF Secretariat before the final deadline.

THEME

Alternative Resources : A Solution?

HOW TO APPLY

- The scholars who wish to participate in Young Scholars' Conference can register themselves directly on our website- www.harithkram.org by filling up the registration form along with the abstract title and send the abstract on the mail harithkram@sbs.du.ac.in within the stipulated time frame mentioned below.
- A **registration fee** of **INR 1000/-** has to be submitted after the Notification of Selected Abstracts. The submission procedure will be communicated to all the selected participants via e-mail. The fee paid is non-refundable and non-transferable.
- An authority letter from the head of the college/department of the University should be submitted at the time of registration at the registration desk on **11th October** by all participants.

IMPORTANT DATES

Last Date for Submission of Abstracts - September 20, 2018

Announcement of Selected Abstracts – September 25, 2018

Last Date for Full Paper Submission – will be informed post Conference for publication

HARITHKRAM YOUTH SUMMIT

Harithkram- Environment Society of Shaheed Bhagat Singh College launched the Harithkram G5 Summit in 2016 in order to give weightage to the viewpoints of the major role players in the economy. The **Harithkram Youth Summit** has been conceptualised based on the G5 Summit under the aegis of Delhi University Sustainability Forum (DUSF) in 2018.

The Harithkram Youth Summit is a debate-cum-conference that provides a platform to the budding environmentalists to share their ideas and views relating to pressing environmental issues. The event brings into light the viewpoints of the five major stakeholders of the society, namely the Government, the Media, the Researchers, the Industrialists and the Public.

Under this program, students pursuing graduation and postgraduation will get an opportunity to participate in HYS and witness the proceedings of DUSF'18. This program is an attempt to attract participation from the budding youngsters at DUSF and reap maximum benefits.

The selected students will be further guided at a more advanced level with the help of specialized sessions from experts of University of Delhi, to better equip themselves for higher standards of research and to make optimum impact through their ground-breaking academic research.

RULES AND REGULATIONS

Basic rules that need your attention before applying:

- Only Under Graduates and Postgraduates are allowed to participate.
- The participation and the judgement will be based on individual as well as group performance.
- The maximum number of participants in the session will be 25.
- The Summit will comprise three different sessions.
- Time allotted: Total= 4 hours
 - Session I – Lecture – 30 Minutes
 - Session II – Individual Presentation – 1 Hour 45 Minutes
 - Session III – Group Presentation – 1 Hour 45 Minutes
- As per the DUSF Secretariat, the students will be categorised into 5 different Stakeholder Groups after the 1st session as mentioned above.

- Each participant has to present himself/herself as the representative of the particular stakeholder allotted and present his/her views according to it. Allotment of participants will completely be at the discretion of the secretariat.
- Mobile Phones/Smartphones/any other electronic devices are not allowed during the presentations in the event. Disobeying this rule would result in disqualification.
- Participants are required to study documents / literary materials of their choice prior to attending the event.

THEME

Environmental Sustainability: A Challenge?

HOW TO APPLY

- The students who wish to participate in Harithkram Youth Summit can register themselves directly on our website- www.harithkram.org by filling up the registration form. A write-up of 500 words on the theme should be mailed positively to harithkram@sbs.du.ac.in with subject of the email mentioned as **DUSF Harithkram Youth Summit** by the last date of registration for the process of selection.
- A **registration fee of INR 500/-** has to be submitted after the notification of selection. The submission procedure will be communicated to all the selected participants via email. The fee paid is non-refundable and non-transferable.
- An authority letter from the head of the institution should be submitted at the time of registration at the registration desk on **11th October** by all participants.

IMPORTANT DATES

Last Date for Registration - September 20, 2018

Notification of Selection- September 25, 2018

SCHOOL STUDENTS' CONFERENCE

ON

CLEAN WATER AND SANITATION: A HUMAN RIGHT ?

Harithkram's School Students' Conference is an initiative of Shaheed Bhagat Singh College to create environmental awareness beyond the boundaries of the college and to channelize the potential of young school children towards a greener world through the medium of team building.

Under this program, various schools of the country will get an opportunity to participate in SSC and witness the proceedings of DUSF'18. This program is an attempt to invite participation from schools and reap maximum benefits out of young brains towards the environment.

The participants from the selected schools will get an opportunity to interact and get guided at more advanced levels from experts of University of Delhi, to better equip themselves for higher standards of education, emancipation and research.

CALL FOR PRESENTATIONS

The DUSF Secretariat invites Power Point Presentations (PPT) from School Students on the theme '**Clean Water and Sanitation: A Human Right?**'

A team should consist of **one teacher and not more than 4 students**. Students only from **Secondary and Senior Secondary (Class 9, 10, 11 & 12)** are **eligible** to participate.

If you wish to submit a Power Point Presentation (PPT) for consideration, kindly follow the instructions outlined below:

- A distinguished Title (other than the Theme) should be given and must be mentioned in the presentation.
- The PPT must have a minimum of 20 slides and should be related to the specified topic.
- There should be a proper mention of the sources wherever there is a mention of Secondary Data in the presentation.
- The PPT must contain a slide at the end mentioning all the references.
- A write-up (detailed explanation of the PPT and its content) not more than 500 words must be sent along with the PPT.
- The write-up must be sent in .pdf/.doc/.docx format, the title of the write-up/presentation, names of the teacher, students and the school.

No PPTs will be accepted after the given period of time. The acceptance of the Selected Presentations by the DUSF Secretariat shall be intimated through email to the registered participants.

Best 5 teams will be selected for Oral Presentation in the conference. Students shall be given a maximum of 10 minutes to present their Power Point Presentation, followed by interjections from competing schools.

THEME

Clean Water and Sanitation: A Human Right?

HOW TO APPLY

- The schools which wish to participate in School Students' Conference can register themselves directly on our website- www.harithkram.org by filling in the registration form. The presentation and write-up should be mailed to harithkram@sbs.du.ac.in with the subject of the email mentioned as **DUSF School Students' Conference** within the stipulated time frame mentioned below.
- A **registration fee of INR 1000/-** has to be submitted for the whole team after the Notification of Selected Presentations. The submission procedure will be communicated to all the selected participants via email. The fee paid is non-refundable and non-transferable.
- An authority letter from the head of the institution should be submitted at the time of registration at the registration desk on **11th October** by all participants.

IMPORTANT DATES

Last Date for submission (presentations and write-up) - September 20, 2018

Notification of Selected Presentation - September 25, 2018

NATIONAL PHOTOGRAPHY COMPETITION

ON

ENVIRONMENTAL SUSTAINABILITY: A CHALLENGE?

INSTRUCTIONS FOR ENTRIES

- Participation should be individual and each participant can submit **only 2 images**.
- Images of not more than 15 MB in size must be submitted online and the organiser may request for higher resolution images.
- Submitted images should be in JPEG format and at least 1,600 pixels wide for a horizontal image or 1,600 pixels tall for a vertical image.
- **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.
- The **file name** for each image should be clearly labelled with the caption.

Following details are required to be mentioned in the e-mail:

UNDER THE SUBJECT:

DUSF National Photography Competition- (Name of the Participant)

BODY OF THE MAIL:

Captions / Description (Between 50-100 words relevant to the theme)

EXIF information of photographs (Shutter speed, Aperture, Focal Length, Camera Model, ISO).

Name of the Participant

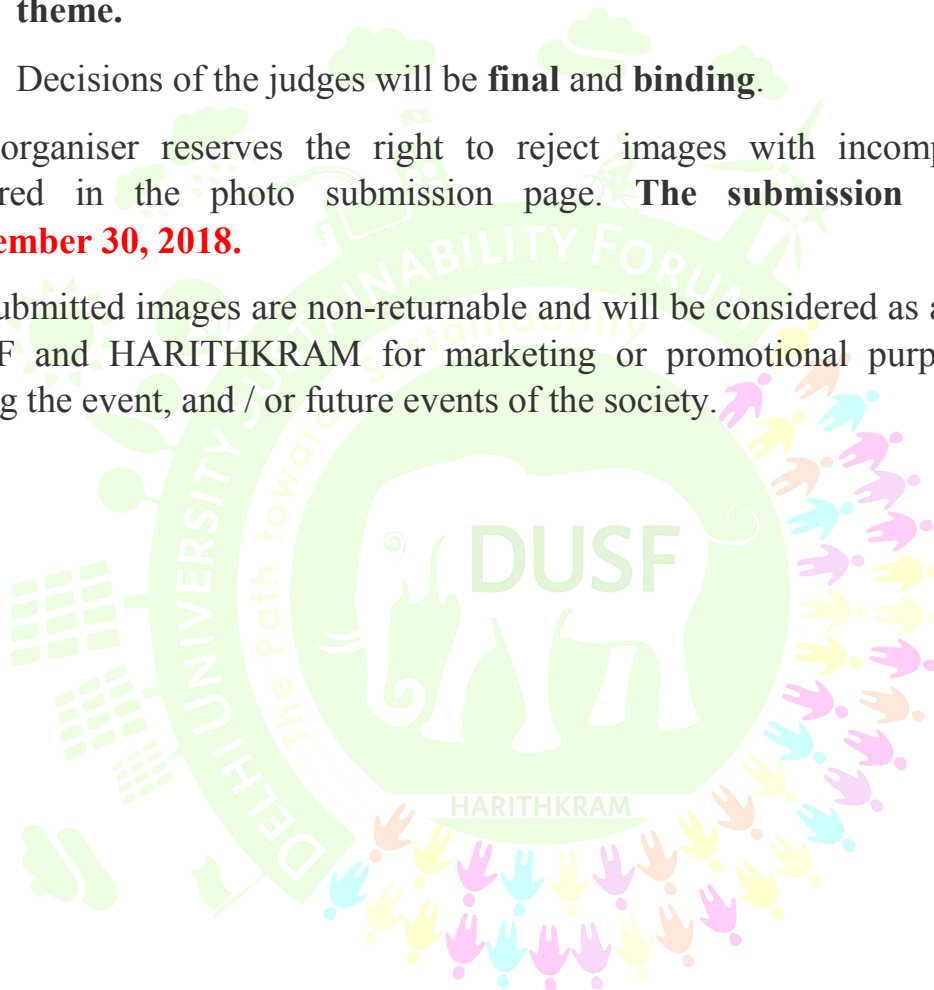
Contact Number

College/Institution Name

- Images should be e-mailed to krishna.geography@gmail.com with the caption and participant's details.
- **Images copied from any other sources will be considered as plagiarised and hence summarily rejected.**
- Photographs will be evaluated on the basis of **originality, technical excellence, composition and overall impact and relevance to the theme.**
- Decisions of the judges will be **final and binding.**

The organiser reserves the right to reject images with incomplete details required in the photo submission page. **The submission deadline is September 30, 2018.**

All submitted images are non-returnable and will be considered as a property of DUSF and HARITHKRAM for marketing or promotional purposes in and during the event, and / or future events of the society.



SECRETARIAT



PATRON

Dr. P. K. Khurana
Principal
Shaheed Bhagat Singh College



CONVENER

Ms. Mita Hussain
Associate Professor
Department of History



STAFF ADVISOR

Dr. V.A.V. Raman
Associate Professor
Department of Geography

FACULTY COORDINATORS

Dr. Krishnanand

Assistant Professor
Department of Geography

Dr. Komal Agarwal

Assistant Professor
Department of English

STUDENT COORDINATORS

Aakriti Agarwal

B.Com. (H) IIIrd Year
+91-7292079702

Arghadeep Das

B.A. (H) Geography IIInd Year
+91-8670229463

Tushar Singh

B.Com. (H) IIIrd Year
+91-7033586002

Rhythm Patel

B.Com. (H) IIInd Year
+91-8770013054

OUR PREVIOUS SPONSORS



LEO SANSINI



With the support of

New Delhi Office
Cluster Office for Bangladesh,
Bhutan, India, Maldives,
Nepal and Sri Lanka



delhi.gov.in

सत्यमेव जयते

Govt. of NCT of Delhi



UN Information Centre
for India and Bhutan

YKA

YOUTH KI AWAAZ





HARITHKRAM

THE ENVIRONMENT SOCIETY

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

harithkram@sbs.du.ac.in
www.harithkram.org
