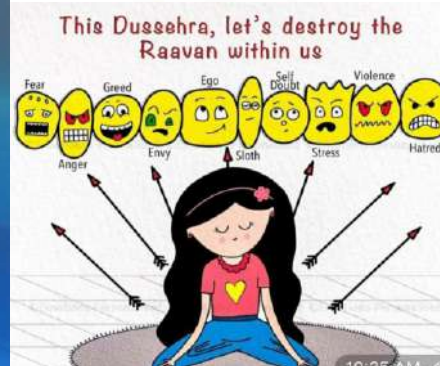
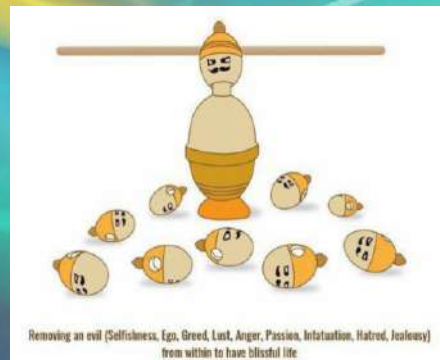




PRAKRITI SANRAKSHAN

Newsletter

Volume 3, Issue 3, Jul. - Sept., 2022



If you believe in our ideology and wish to step up for the environment, we welcome you to join our organisation and together we can save the environment. [Visit- https://stenvironment.org/](https://stenvironment.org/)

Follow the link, choose the kind of membership that suits you and fill-up the form.

ABOUT US

Save the Environment (STE)

SAVE THE ENVIRONMENT (STE) is the organization that aims to spread awareness to the society about environment, health and water. It was founded and registered on 19th November 1990. STE has collaborated with various organizations in the past 29 years such as All India Institute of Hygiene & Public Health, AIIH&PH and India Canada Environment Facility, DRDO, Ministry of Defence, Department of Science and Technology (DST),

Indian Institute of Management (IIM), Ahmedabad to mitigate the effects of arsenic and provide arsenic-free drinking water.

The vision of the society is to protect present and future generations from various Environmental Hazards. The NGO has been actively organizing various interactive sessions such as conferences (National and International), workshops, seminars and awareness programs including poster competitions, quiz competitions, science exhibitions and webinars among the future generations.

HUMBLE APPEAL FOR DONATING FUNDS FOR "THE PURULIA PROJECT FOR 3 TOILETS AND 1 DRINKING-CUM-WASH WATER UNIT"



Dear all,

Hope this message finds you in good health.

'Alone we can do so little; together we can do so much': these words of Helen Keller depict the resounding truth that we can make a big impact, by coming together for the larger good of the society. Save The Environment (STE), a registered society for research, awareness and social development headquartered in Kolkata, West Bengal abides by the said quote and we at STE are continually working towards building a better and healthier environment for all (Please visit for details: <https://www.stenvironment.org>)

As part of our humble social pursuit, we plan to undertake the 'Purulia Project for 3 Toilets and 1 Drinking-cum-Wash water unit' that will benefit the needy households at Sabar Tola, Bonkanali village, Purulia, West Bengal-an economically weaker ethnic community of the state. Since long, the families residing in this area have been facing severe difficulties due to the lack of proper water supply and sanitation facilities. This is ironic and in contrast to the wake of urbanization, especially in the post-pandemic world, where green environment, clean water and proper hygiene are the absolute requirements for a healthy life. In this regard, STE requests all esteemed patrons to kindly come forward and support us in accomplishing our efforts for enabling access to basic amenities like water and sanitation for the residents of Sabar Tola. Your generous and benevolent donation will be a big help for us to accomplish our endeavour, and together we can succeed in bringing a smile to several underprivileged persons of the community.

We earnestly request your support and thank you for being with us in our efforts!

P.S.: Details of the proposed work are given in the pamphlet. All donations. will be covered under 80G.

Please feel free to reach us in case of any query or concern.

With humble regards,

Team STE

Contact details:

Phone: 9871372350; 9830779260 • Email: info@stenvironment.org

Account details for donating funds:

ONLINE PAYMENT:

Name of the Account: **SAVE THE ENVIRONMENT**

Account Number: **38041963371**

Bank and Branch: **State Bank of India, Lake Town, Kolkata**

IFSC Code: **SBIN001506** OR GOOGLE PAY to: **Mrs. Chhanda Basu; Mobile 9830779260**

विनम्र अपील

पुरुलिया परियोजना के लिए राशि दान करने की विनम्र अपील

प्रिय साथियों,

आशा है कि यह संदेश आपको अच्छे स्वास्थ्य में मिलेगा। जहाँ सोच स्वस्थ होगी, वहीं शौचालय का निर्माण होगा।

स्वास्थ्य संकट को रोकने व देश की गरिमा बनाए रखने के लिए शौचालय महत्वपूर्ण हैं। विशेषकर महिलाओं के लिए ये सुविधा अपरिहार्य है। एस.टी.ई. का यह प्रयत्न है कि सरकार की 'स्वच्छ भारत' की मुहिम में यथासंभव अपरोक्ष रूप से सहयोग कर सके। किन्तु सभी के सहयोग के बिना ये कार्य संभव नहीं। 'अकेले हम इतना कम कर सकते हैं; एक साथ हम बहुत कुछ कर सकते हैं': हेलेन केलेर के ये शब्द उस प्रबल सत्य को दर्शाते हैं कि हम समाज के बड़े अछे के लिए एक साथ आकर एक बड़ा प्रभाव डाल सकते हैं। पर्यावरण बचाओ (एसटीई), एक पंजीकृत सोसायटी, उक्त उद्घरण का पालन करती है और हम एसटीई के सदस्य सभी के लिए एक बेहतर और स्वस्थ वातावरण बनाने की दिशा में लगातार काम कर रहे हैं (विवरण के लिए कृपया देखें: <https://www.stenvironment.org>)

हम '3 शौचालयों और 1 पेयजल के पानी की इकाई' के लिए पुरुलिया परियोजना शुरू करने की योजना बना रहे हैं, जो सबर टोला, बोंकनाली गांव, पुरुलिया, पश्चिम बंगाल में जरूरतमंद परिवारों को लाभान्वित करेगी— जो आर्थिक रूप से कमजोर है। लंबे समय से, इस क्षेत्र में रहने वाले परिवारों को उचित जल आपूर्ति और स्वच्छता सुविधाओं की कमी के कारण गंभीर कठिनाइयों का सामना करना पड़ रहा है। इस संबंध में, एसटीई सभी सम्मानित संरक्षकों से अनुरोध करता है कि कृपया आगे आएँ और सबर टोला के निवासियों के लिए पानी और स्वच्छता जैसी बुनियादी सुविधाओं तक पहुंच को सक्षम करने के हमारे प्रयासों को पूरा करने में हमारा समर्थन करें। आपका उदार और परोपकारी दान हमारे प्रयास को पूरा करने के लिए एक बड़ी मदद होगी, और साथ में हम समुदाय के कई वंचित लोगों के लिए मुस्कान लाने में सफल हो सकते हैं। हम ईमानदारी से आपके समर्थन का अनुरोध करते हैं और हमारे प्रयासों में हमारे साथ रहने के लिए धन्यवाद! प्रस्तावित कार्य का विवरण पैम्फलेट में दिया गया है। सभी दान 80८ के तहत कवर किए जाएंगे।

कृपया किसी भी प्रश्न के मामले में हमसे बेझिझक संपर्क करें।

विनम्र अभिवादन के साथ,

टीम एसटीई

संपर्क विवरण:

फोन: 9871372350य 9830779260 ई-मेल: info@stenvironment.org

धनराशि दान करने के लिए खाता विवरण:

ऑनलाइन भुगतान:

खाते का नाम: **पर्यावरण बचाओ**

खाता संख्या: **38041963371**

बैंक और शाखा: **भारतीय स्टेट बैंक, लेक टाउन, कोलकाता**

IFSC कोड: **SBIN001506** या

GOOGLE को भुगतान करें: श्रीमती छंदा बसु, मोबाइल 9830779260

Endangered Elements of the Periodic Table

Dr. Vaishali Mishra
STE Editor

Critical Thinking -As our supply of some essential elements dries up, it's time to start urban mining.

The periodic table is a very intelligent classification of elements called chemistry road map. **The first recognisable periodic table** proposed by **Dmitri Mendeleev** known as the **father of the periodic table in 1869, on account of which** we are celebrating **this year as International Year Periodic Table (IYPT) 2019 on its completion of 150 years.**

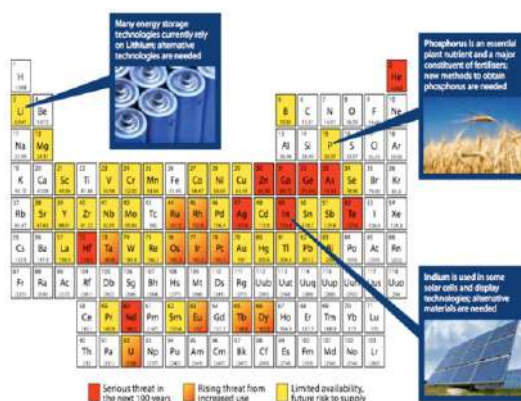
This situation is attributed to the increasing use of elements like Lithium, Indium, Phosphorus etc which are soon entering the list of extinct elements. With the progress in technologies, the use of these materials have increased many fold within the last two decades As a result, these elements are rapidly converted into commodities from the ore and redistributing fundamental elements at such a rapid rate that many are already in short supply and will be completely exhausted within next few decades. Hence it is quite apparent that some of the naturally occurring elements have been under serious threat since a long time.

| COLOUR CODE AND THREAT LEVEL OF THE ABOVE CRITICAL THINKING PERIODIC TABLE | |
|--|---|
| RED | Serious threat in next 100 years - Helium (He), Silver (Ag), Tellurium (Te), Gallium (Ga), Germanium (Ge), Zinc (Zn), Indium (In), Arsenic (As), Hafnium (Hf) |
| ORANGE TO RED | Rising threat from increased use |
| YELLOW | Limited availability future risk to supply |

Helium, being the second most abundant element in the universe, used in wide range of applications including helium-filled balloons, and cooling magnets to very low temperatures in MRI machines, is facing depletion, not only due to the excess use, but also because being the lighter gas than air, it can easily escape the Earth's atmosphere. Recent studies show that nearly 40% i.e. **44 elements of the 118 elements** that make up everything are facing depleting (limited) supplies. These includes all of the rare earth elements, as well as zinc, gallium, germanium, helium, silver, phosphorus, Hg, Au, Cu, etc.

'Endangered' does not imply that the element will disappear from the Earth completely. It means that there will come a point when the supply of these elements will be limited or when it no longer remains economically viable to extract or use these elements.

To maintain steady supply of these essential elements, there is an urgent need to reframe our present understanding of mining and consumption, along with environment and waste management.



Source: Chemistry Innovation Knowledge Transfer Network.



Elements use in everyday life

Artwork from domestic solid waste ?

S. K. Basu

PFS, Lethbridge Alberta Canada

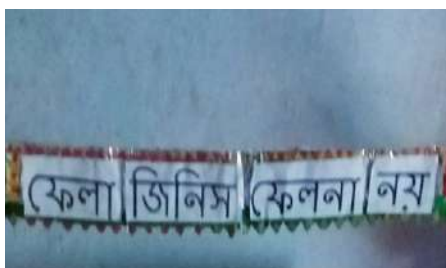
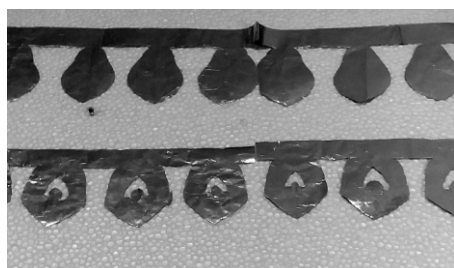
email: saikat.basu@alumni.uleth.ca

Solid waste management is a serious problem for all major towns and cities, municipalities and corporations around the globe. Particularly the plastic pollution pressure has been an acute problem plugging up sewage and drainage system; and due to their long non-biodegradable nature they stay in our ecosystem for a long period of time disturbing the natural

biogeochemical cycles. Unfortunately we have become accustomed to use of plastics, synthetic rubbers, aluminium foils and other non-biodegradable solid waste so intimately that they have become a part of our life process. The packaging industry uses these raw materials to produce numerous packets that we need as well as containers and other daily use materials that have occupied essential needs of our modern human life across the globe. Hence, the amount of daily global solid waste generated is alarming and severely polluting our sensitive natural ecosystems, biomes and environment.

But can anyone think about producing wealth from waste; like using discarded thrown away plastics and aluminium foil to produce serious art objects. The accompanying are a demonstration of this impossible achievement by acclaimed science communicator and artist, Dr. Sima Mukhopadhyay from Kolkata (West Bengal, India). Her meticulous

craftsmanship integrated with a great passion for nature has shown us all for the first time how to convert single use plastics, aluminum foils and other solid waste products into intricate art pieces to reduce the plastic use in our society and how to recycle them efficiently. She has nicely demonstrated that such waste plastic materials can be used and reused about 2-3 times; and then finally dumped at any designated recycling centres. A simple yet highly innovative and superbly eco-friendly concept. It will teach little children to be innovative as well as being sensitive and responsible towards our environment. Thanks to Dr. Mukhopadhyay for her



outstanding contribution to both arts and crafts as well to our society with her incredible ideas, sincere hard work and immense passion for the protection of our environment.

Photo credit: Saikat Kumar Basu



Can we produce art from our daily solid waste use?

S. K. Basu

PFS, Lethbridge Alberta Canada

email: saikat.basu@alumni.uleth.ca

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Photo credit: Saikat Kumar Basu

Durga Puja in the New Millennium: Jewels to the Crown of India

S. K. Basu

PFS, Lethbridge Alberta Canada

email: saikat.basu@alumni.uleth.ca

The Durga Puja in Kolkata and across West Bengal is a national socio-religious event that has been celebrated



with pomp and grandeur for the past several centuries. This national event over the years have manifested into an international event drawing both national and international tourists to the City of Joy in massive numbers. It is not only a national celebration of the Bengali communities; but, an event of socio-cultural unity, diversity and integrity of India that attracts people in large unimaginably massive numbers to join this celebration. Recently UNESCO has granted World Heritage tag to the Durga Puja celebration adding to a monumental international feather to the cap of the city of Kolkata; as well as for the state of West Bengal and India as a nation. This is the first World Heritage tag bestowed to the continent of Asia on a city for a sociology-religious event with international heritage, making Durga Puja an international festival like the grand Carnivals of Central and South America and the Caribbean Islands.

However, amidst this grand celebration we often forget the plight of our sick, injured, physically or mentally challenged individuals, young children and senior citizens who are unable to participate in this due to several socio-cultural, medical and logistics limitations. But two brothers, Kshitij Shah and Shahil Shah have designed a wonderful website for everyone to be able to see the picturesque Durga Puja of Kolkata (West Bengal, India) at <https://durgadarshan.org/>



One can not only navigate across all the major and minor pandals across the City of Joy through this user-friendly site but can also enjoy the 360° view of Puja Pandals across Kolkata from the comfort of your home. For those who could not do pandal hopping during the festive days or those who are located outside Kolkata or West Bengal or India can now enjoy and screws the

pomp and grandeur of this international festival from their desktops, laptops, palmtops, tablets and smart phones connected to an internet. The online and offline modes of enjoying the Durga Puja this year crowned with UNESCO tag is a monumental achievements for us all to celebrate this year! I sincerely believe that this Puja will bring to all the joys of success and diminish the sadness, sorrow and darkness of our life replacing g them with peace, unity, integrity and prosperity for all.

Photo credit: Saikat Kumar Basu

Report on International Conference on Green Energy & Sustainable Environmental Technology (GESET-2022) A special initiative on “OZONE DAY”

An “International Conference on Green Energy & Sustainable Environmental Technology” organized by School of Chemical Technology, Kalinga Institute of Industrial Technology (Deemed to be University), Bhubaneswar & Save the Environment, Kolkata was held on 15th-16th September, 2022. The conference was sponsored by Science and Engineering Research Board (SERB), New Delhi and National Bank for Agriculture and Rural Development (NABARD), Mumbai.

At this conference academics, scientists, researchers, industry experts and policy makers gathered to discuss the latest developments in sustainable technologies and materials for harvesting "Green Energy" while also protecting the OZONE LAYER's delicate ecosystem. This conference also provided a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent developments in the fields of sustainable technology development in order to protect the Earth by mitigating various environmental problems, such as air pollution, water pollution, or other types of pollution. Speakers from academia and industry shared their expertise in a variety of fields during the conference.

Honourable Prof. Satinder K. Brar, Professor and James and Joanne Love Chair in Environmental Engineering, York University, Canada graced this event as the Chief Guest. Prof. Brar greatly appreciated the efforts directed by the organizing committee members especially Prof. S. K. Tripathy (Convener) and Dr. Kshipra Misra (President, STE) for organizing a conference of such a stature. She said that the conference will definitely spark interest to raise awareness of OZONE DAY and the need of protecting the ozone layer, to persuade a new generation of scientists to work for environmental conservation as a goal in their careers, to elevate the promotion of green energy harvesting technologies, to contribute to the cause of waste management through treatment and reuse, to identify and generically segregate the roads to take for creating a sustainable earth.

Prof. Arunabha Majumdar, Chairman, Indian Water Works Association (IWWA) and Ex Director, Professor & Head, Department of Sanitary Engineering, AIHH&PH, Kolkata and Guest Professor, School of Water Resources Engg.,



Jadavpur University, also graced the occasion as patron. Prof. Majumdar greatly appreciated the work and efforts done by the organizing committee and lauded the successful completion of the conference.

Prof Sasmita Samanta, Vice Chancellor, KIIT Deemed to be University was also present as a patron and addressed the occasion offering a warm welcome to the guests and participants while discussing the possibilities of future collaborations of such nature.

Prof. Srinivas Patnaik, Dean, School of Biotechnology, KIIT Deemed to be University welcomed the guests and thanked all the members for their tireless efforts in organizing the conference.

Prof. Suraj K. Tripathy, Associate Dean, School of Chemical Technology (convener) addressed the gathering with his encouraging words and thanked the whole team for their relentless efforts for organizing the conference.

Finally the abstract book was released.

About 150 delegates from different academic as well as industrial organizations participated and present their papers in the conference on various aspects of research in the allied fields of sciences.

Students, researchers, and academicians working in fields related to applied sciences and transdisciplinary topics were the target audience for this conference. The conference was open to delegates from industries, professions, and other connected entities participating in the field of research. GESET 2022 was successful in providing a forum for all the experts and stakeholders to share their aspiration towards environmental sustainability.

Felicitation of awardees were made with Prof. Sasmita Samanta receiving Proloy Basu Lifetime Achievement Award for her relentless work in the field of sustainability. The list of other awardees are as follows:

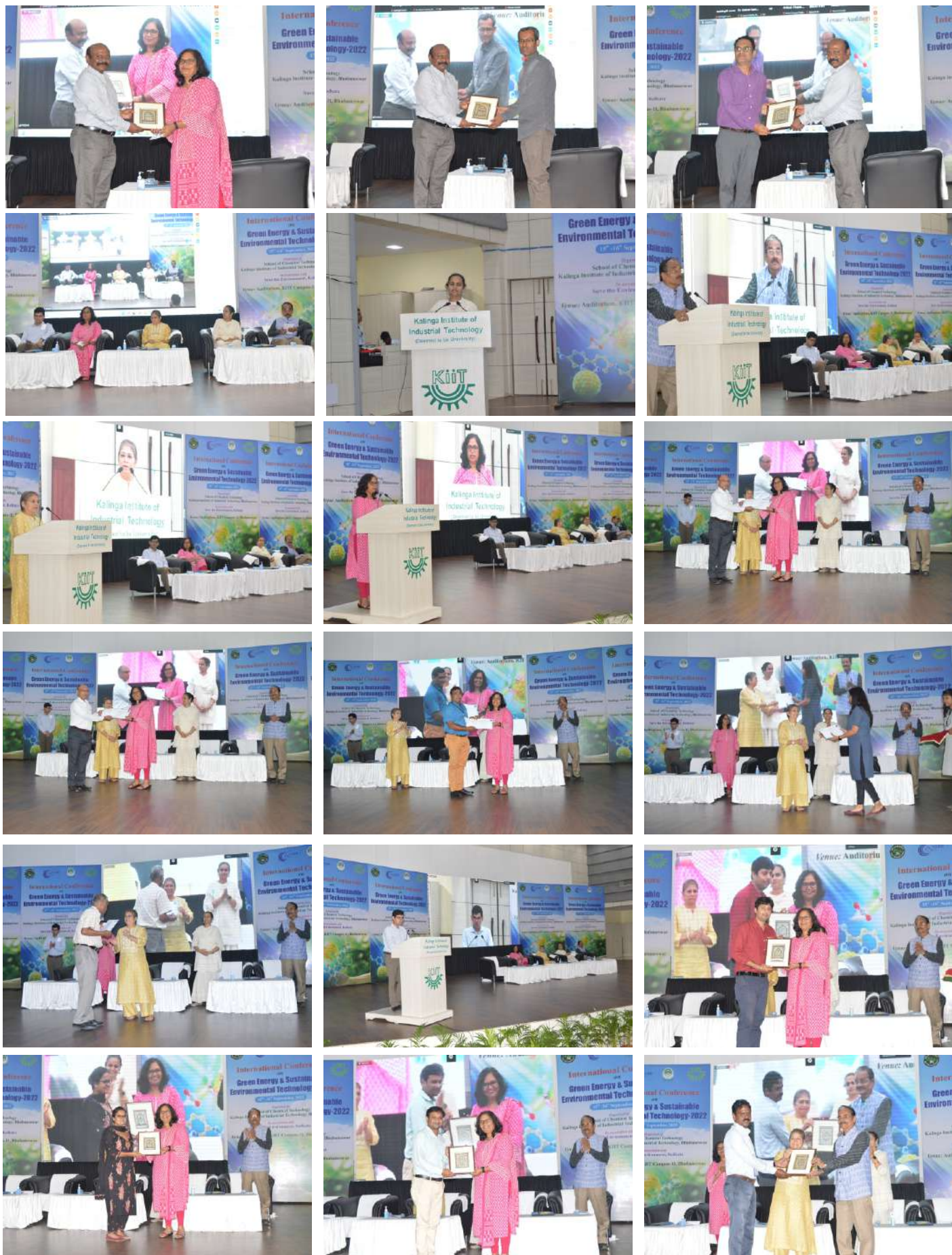
1. **Dr. C Kesava Rao** (STE Technology Innovation Award) Dy. General Manager at R&D, National Mineral Development Corporation Limited, Hyderabad
2. **Prof. Srinivas Patnaik** (STE Fellowship Awards), School of Biotechnology, KIIT Deemed to be University, Bhubaneswar
3. **Dr. Vivek Verma** (STE Green Excellence Award), Asst. Prof., Department of Materials Science and Engineering IIT Kanpur
4. **Dr. Maulin P Shah** (STE Green Excellence Award), Chief Scientist & Head Enviro Technology Ltd., Ankleshwar
5. **Prof. Papita Das** (STE WATER Awards), Department of Chemical Engineering, Jadavpur University, Kolkata

The session was concluded by vote of thanks by Prof. Jnyana Ranjan Mohanty, Registrar KIIT Deemed to be University.

Glimpses of GESET 2022







IMPORTANT DAYS AND EVENTS

V. Sunitha

Department of Geology

Yogi Vemana University, Kadapa, A.P.

E-mail: vangalasunitha@gmail.com

1st July-National Doctors Day

On July 1st, India celebrates Doctor's Day to recognise the value that doctors have in our lives. This day is intended to honour medical industry advances as well.



1st July-National Postal Worker Day



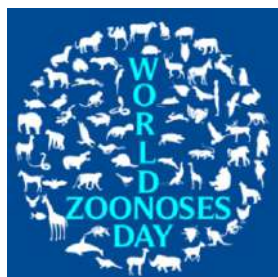
Every year on July 1st, National Postal Worker Day is commemorated to honour and show gratitude to all the men and women who routinely and tirelessly deliver all of our mail and deliveries.

2nd July-World UFO Day

July 2nd is designated as World UFO Day. Haktan Akdogan, a UFO hunter, founded it. In 2001, the first World UFO Day was observed, encouraging people to examine the heavens for unexplained flying objects.



6 July-World Zoonoses Day



Every year on July 6, World Zoonoses Day is commemorated to highlight the issue, raise awareness of it, and teach people how to respond appropriately. Louis Pasteur gave the first immunisation against a zoonotic disease on July 6, 1885.

7 July-World Chocolate Day

On July 7, we commemorate the day that chocolate was introduced to Europe for the first time, back in 1550. Different nations observe World Chocolate Day on various dates.



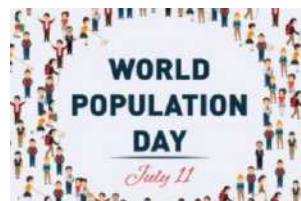
9 July-National Sugar Cookie Day



It is celebrated on July 9 in honour of the well-known and delectable sugar cookie. The day honours the importance of sugar cookies in our lives as well as the tasty little treat they are.

11 July-World Population Day

Every year on July 11, World Population Day is commemorated to draw attention to the urgency and significance of population issues.



12 July - National Simplicity Day



National Simplicity Day is observed annually on July 12 to honour Henry David Thoreau, a well-known transcendentalist, novelist, philosopher, historian, tax resister, abolitionist, development critic, surveyor, and supporter of simplicity. He essentially supported living a modest life.

12 July-Paper Bag Day

Every year on July 12, people celebrate Paper Bag Day to recognise the significance of the development of the paper bag, which we typically take for granted. A teacher named Francis Wolle created the first machine for mass-producing paper bags in 1852.



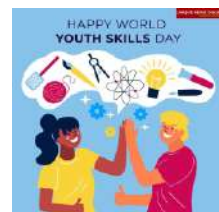
13 July: National French Fry Day



On July 13, the nation recognizes a common dish found on menus all across the place. The day is created to honour the fantastic meal. There are numerous cuts and kinds of French fries.

15 July - World Youth Skills Day

Every year on July 15, World Youth Skills Day is observed to promote awareness of the value of technical, vocational education, and training as well as the development of other skills important to both national and international economies.



15 July - Social Media Giving Day

SOCIAL MEDIA DAY



It is observed on 15 July. The day was inaugurated by Givver.com, a platform dedicated to fundraising through Twitter, in 2013.

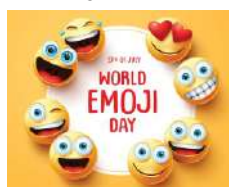
17 July - World Day for International Justice

Every

year on July 17, people around the world mark World Day for International Justice. It is often referred to as International Justice Day or the Day of International Criminal Justice. Today, the developing system of international criminal justice is acknowledged.



17 July - World Emoji Day



Since 2014, July 17 has functioned as World Emoji Day. The holiday is observed to symbolise an idea or sentiment via technology.

18 July-International Nelson Mandela Day

Every year on July 18, there is a celebration of International Nelson Mandela Day. The holiday honours Mandela's life and contributions in a lasting fashion that will result in the necessary transformations.



20 July-Moon Day



Moon Day honours the occasion of the first lunar landing in 1969.

22 July-Pi

Approximation Day

Since Pi has a value of 22/7, it is celebrated on



July 22 each year as Pi Approximation Day. In contrast, Pi Day is observed on March 14, which is close to the value of 3.14 and also happens to be Albert Einstein's birthday.

22 July-National Mango Day or Mango Day



It is observed on July 22. Today is the day to learn some interesting facts about the sweet and juicy mango, including its history.

22 July (Fourth Thursday in July)-National Refreshment Day

Every

year, on the fourth Thursday in July—which comes on July 22 in 2022—National Refreshment Day is honoured. This day primarily honours the enjoyment and coolness experienced during the hottest season of the year, the summer.



22 July-Chandrayaan 2 launching date



On July 22, 2019, Chandrayaan-2 was launched from Sriharikota's Satish Dhawan Space Center. It was India's second lunar expedition.

24 July-National Thermal Engineer Day



Every year on July 24, National Thermal Engineer Day is commemorated to highlight the significance of developing the thermal engineering field and to

offer the electronics industry creative, excellent, and affordable thermal management and packaging solutions.

25 July-National Parent's Day (Fourth Sunday in July)

On the fourth Sunday in July, which falls on July 25 in 2021, National Parents Day is observed. This day is dedicated to all the parents who have a significant impact on the lives of their children.

There are no words to describe how much they give up and love their kids unconditionally.



25 July-World Embryologist Day

Since Louise Joy Brown was the first child to be born via in vitro fertilisation on July 25, 1978, the day is commemorated annually as World Embryologists Day.



26 July-Kargil Vijay Diwas

On July 26, we celebrate Kargil Vijay Diwas, which was inspired by the triumph of Operation Vijay. The Kargil War, which lasted roughly 60 days, came to a close on July 26. To honour the Kargil War Heroes, this day is observed.



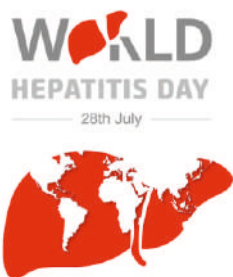
28 July-World Nature Conservation Day



Every year on July 28, people throughout the world celebrate World Nature Conservation Day to recognize how important a healthy environment is to current generations as well as a stable and productive

society. Our natural resources must be preserved, managed sustainably, and protected.

28 July-World Hepatitis Day



Every year on July 28, World Hepatitis Day is commemorated to provide a chance to intensify regional, global, and national efforts to combat hepatitis. Additionally, this day serves to raise awareness

of the hepatitis disease and the effects it has on those who have it.

29 July-International Tiger Day

Every year on July 29, people around the world celebrate International Tiger Day to raise awareness about the need to maintain tigers' natural habitats. Global Tiger Day is another name for today.



1 August-National Mountain Climbing Day



National Mountain Climbing Day is commemorated annually on August 1. According to rumours, the holiday was created in honour of Josh Madigan and Bobby Mathews, the author's

son, who conquered all 46 of the Adirondack Mountains' High Peaks.

1-7 August-World Breastfeeding Week

Every year, during the first week of August, numerous nations around the world observe this global campaign. In 1992, the inaugural World Breastfeeding Week was observed.



6 August-Hiroshima Day



The sixth of August is designated as Hiroshima Day each year. Today marks the detonation of the atomic bomb over the Japanese city of Hiroshima.

7 August-National Handloom Day



Every year on August 7th, it is observed to honour the nation's handloom weavers. The sixth National Handloom Day is being observed this year.

8 August: Quit India Movement Day

On August 8, 1942, during a meeting of the All India Congress Committee in Bombay, Mohandas Karamchand Gandhi introduced the "Quit India Movement."

August Kranti or the August Movement are other names for it.



9 August-Nagasaki Day



On August 9, 1945, the United States launched a second bomb on Japan at Nagasaki. This weapon is often referred to as "Fat Man." Three days

after Hiroshima was attacked with an atomic bomb, it was dropped.

9 August-International Day of the World's Indigenous Peoples

The UN annually recognises August 9 as International Day of the World's Indigenous Peoples in an effort to increase awareness of the protection and advancement of indigenous peoples' rights.



10 August-World Biofuel Day



The purpose of this day, which is marked on August 10th, is to raise awareness of alternative fuel sources to fossil fuels.

12 August-International Youth Day

On August 12, people all over the world observe International Youth Day to raise awareness of how to protect and nurture young people in society.



13 August-World Organ Donation Day



World Organ Donation Day is observed on 13 August -International Left-handers Day. The 13th of August is designated as

Left Handers Day every year. It is important to raise awareness of the value of organ donation.

15 August-Independence Day in India

India commemorates Independence Day on August 15 of each year. India gained independence from British domination as of this day. It serves as a reminder of a fresh start, the start of a new age free from more than 200 years of British colonialism.



19 August-World Humanitarian Day



Every year on August 19th, people all over the world commemorate World Humanitarian Day to honour relief workers who put their lives in danger while

providing humanitarian assistance. This day also recognises the contributions made by women to global challenges.

20 August-World Mosquito Day

Every year on August 20, people around the world observe World Mosquito Day to remember British physician Sir Ronald Ross, who in 1897 discovered that "female mosquitoes transmit malaria between humans."



20 August-Indian Akshay Urja Day



Every year on August 20th, Indian Akshay Urja Day is observed to promote the growth of renewable energy in India. Since 2004, people have been celebrating this campaign. Rajiv Gandhi, a former prime minister, was born on this day.

22 August-Raksha Bandhan

The celebration honours the enduring relationship between a brother and a sister. The Rakhi festival will be observed on August 22nd in 2021.



22 August-Narali Purnima



It is also referred to as Nariyal Purnima or Coconut Day, and it is enthusiastically observed throughout Maharashtra and numerous other locations bordering the Konkan region.

26 August-Women's Equality Day

This day honours the adoption of the U.S. Constitution's 19th Amendment, which gave women the right to vote. The U.S. Congress declared August 26 to be Women's Equality Day in 1971.



29 August: National Sports Day

Every year on August 29th, National Sports Day is observed to honour the birthdate of field hockey player Dhyan Chand. Rashtriya Khel Divas is another name for National Sports Day.



30 August-Small Industry Day

Every year on August 30th, Small Industry Day is held to support and promote small businesses.



30 August-Janmashtami



This year's celebration will take place on August 30. The Janmashtami festival commemorates the birth of Lord Krishna, often referred to as Kanha. He is regarded as

one of Lord Vishnu's most potent human manifestations. One of the most joyous parts of the Janmashtami celebration is Dahi Handi.

1 September-National Nutrition Week



The purpose of National Nutrition Week, which runs from September 1 through September 7, is to raise awareness among

the public about the value of good nutrition for overall health.

2 September-World Coconut Day

Every year on September 2, World Coconut Day is commemorated to raise awareness of the value of this crop in eradicating poverty. This day also honours the Asian Pacific Coconut Community's founding day (APCC).



5 September-International Day of Charity



Every year on September 5, the International Day of Charity is observed in an effort to end poverty in all of its manifestations and dimensions and to further the objectives of sustainable development.

5 September-Teachers' Day (India)

To commemorate the anniversary of the birth of Dr. Sarvapalli Radhakrishnan, India's second President, Teachers' Day is observed on September 5 each year. On this day, we honour and recognise the work that teachers do to help students develop into responsible adults.



8 September-International Literacy Day



Every year on September 8th, International Literacy Day is commemorated to raise awareness of the value of literacy, which is unquestionably an issue of

human rights and dignity. It is an important part of the UN's Sustainable Development Goals, let us inform you.

8 September-World Physical Therapy Day



Every year on September 8, World Physical Therapy Day is commemorated to give physical therapists from all over the world a chance to raise awareness about the

vital role their profession plays in enhancing public health and well-being.

11 September-World First Aid Day

It is observed on the second Saturday in September, which falls on September 11 this year. The purpose of the day is to increase public awareness of how



emergency first aid may save lives. The International Federation contends that first aid should be available to everyone and an integral element of developing society.

12 September-Grandparents' Day



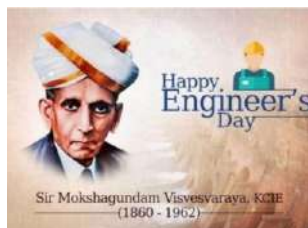
It is observed on September 12 this year. On other dates, it is also observed in a number of other nations. The holiday honours the wonderful relationship between grandparents and their grandchildren, as suggested by its name.

14 September-Hindi Diwas

The day of Hindi Diwas, September 14, commemorates the adoption of Hindi, written in Devanagari script, as the official language of the Republic of India by the Indian Constituent Assembly on this date in 1949.



15 September-Engineer's Day (India)



Every year on September 15, India honours the Indian engineer Bharat Ratna Mokshagundam Visvesvaraya by observing Engineer's Day.

15 September-International Day of Democracy

To remind people that democracy is about people, the 15th of September is designated as International Day of Democracy. This day offers a chance to educate people about the value of democracy and the successful implementation of human rights.



16 September-World Ozone Day



World Ozone Day is held every year on September 16. The Montreal Protocol was formally adopted on this day in 1987. Since its establishment by the UN General Assembly in 1994, World Ozone Day has been observed. This day serves

as a reminder of the ozone layer's

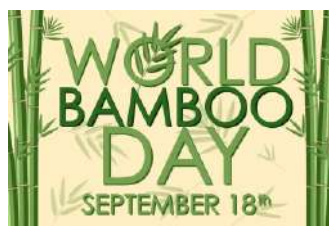
17 September-World Patient Safety Day

The holiday is celebrated on September 17. In May 2019, the 72nd World Health Assembly formed it as a result of the passage of resolution WHA72.6 on "Global action on patient safety."

World Patient Safety Day



18 September-World Bamboo Day



On September 18, the day is commemorated to raise awareness of bamboo throughout the world.

18 September (Third Saturday)-International Red Panda Day

The day is set aside as a holiday on the third Saturday in September. It occurs this year on September 18. The event raises awareness of the urgent need for conservation.



21 September-International Day of Peace (UN)



On September 21, people all across the world mark the UN's International Day of Peace. The General Assembly passed resolution 55/282 establishing September 21 as the International Day of Peace of non-violence and cease-fire, which was first honoured in September 1982 and again in 2001.

21 September-World Alzheimer's Day

On September 21, World Alzheimer's Day is marked to increase public awareness of the difficulties patients with dementia experience. World Alzheimer's Month was established in 2012.



22 September-Rose Day (Welfare of Cancer patients)



The purpose of Rose Day, which is held on September 22 in support of cancer patients, is to give them hope that their disease is treatable.

This day is commemorated in honour of Canadian 12-year-old Melinda Rose, who refused to give up hope after learning that she had a rare kind of blood cancer.

22 September-World Rhino Day

Every year on September 22, it is observed. The day promotes awareness and creates a secure natural environment for this amazing species.

**23 September-International Day of Sign Languages**

The UN General Assembly declared September 23 to be the International Day of Sign Languages. The day offers a special chance to support and preserve the cultural diversity and linguistic uniqueness of all sign language users, including the deaf.

25 September-World Pharmacists Day

Every year, it is observed on September 25. In 2009, the World Pharmacists Day was established annually by the International Pharmaceutical Federation (FIP) Congress in Istanbul, Turkey (WPD).

26 September-World Contraception Day

The 26th of September each year is designated as World Contraception Day. It is a worldwide initiative to increase knowledge of contraceptive options and empower young people to make educated

choices about their sexual and reproductive health.

26 September-World Environmental Health Day

The International Federation of Environmental Health has declared the day.

26 September (Fourth Sunday)-World Rivers Day

The final Sunday in September is designated as "World Rivers Day." It falls on September 26 in 2022. The day emphasises the



value of rivers, raises awareness of their importance, and motivates people to protect, preserve, and develop rivers all across the world. We must take care of our water supplies.

**27 September-World Tourism Day**

Every year on September 27, World Tourism Day is observed to raise awareness of how

important tourism is in creating jobs and securing the futures of millions of people worldwide.

28 September-World Rabies Day

Every year on September 28, people around the world observe World Rabies Day to raise awareness about rabies prevention and to highlight the progress being made in the fight against this dreadful illness.

**28 September-International Day for Universal Access to Information (IDUAI)**

Every year on September 28, the International Day For Universal Access To Information (IDUAI) is honoured. The right to seek, receive, and impart

information is the main topic of the day.

29 September-World Heart Day

Every year on September 29, people celebrate World Heart Day. On this day, people are educated about heart disease and stroke, the two main causes of mortality worldwide.

**30 September:****International Translation Day**

The 30th of September is designated as International Translation Day each year. This day gives us a chance to honour those who work in the language industry. Additionally, it contributes significantly to strengthening international peace and security and bringing together nations.



प्रिय पाठकों

इस संकरण में मैंने आप सब को पढ़ने लिए “कड़वा है मगर सच है” नामक एक कविता छपवाई है। जिसका संकलन मैंने इंटरनेट से किया है। यह मेरी रचना नहीं है पर मुझे बहुत ही ज्यादा पसंद आई। जब मैंने इसे पढ़ा तो इसने मेरे हृदय और मर्म को गहराई से छू लिया। पर्यावरण से जुड़ी होने के कारण मुझे लगा आप सब भी इसे अवश्य पढ़ें और इसके सार को समझ कर इस धरती, अपनी पवित्र मिट्टी और पर्यावरण को हरा-भरा बनाने और उसे सुरक्षित रखने में हर कदम पर जो भी हो सके उसमें अपना योगदान दें। धन्यवाद !

कड़वा है मगर सच है

वो भारत की अनपढ़ पीढ़ी
जो हम सबको बहुत डाँटती थी - कहती थी
‘नल धीरे खोलो...पानी बदला लेता है!
अन्न नाली में न जाए, नाली का कीड़ा बनोगे!
सुबह-सुबह तुलसी पर जल चढ़ाओ,
बरगद पूजो, आँवला पूजो,
मुँडेर पर चिड़िया के लिए पानी रखा कि नहीं!
हरी सब्जी के छिलके गाय के लिए अलग बाल्टी में डालो।
अरे कांच टूट गया है। उसे अलग रखना।

कूड़े की बाल्टी में न डालना, कोई जानवर मुँह न मार दे।
ये हरे छिलके कूड़े में किसने डाले,
कहीं भी जगह नहीं मिलेगी.....
यह पीढ़ी इतनी पढ़ी-लिखी नहीं थी पर
पर्यावरण की चिंता करती थी, क्योंकि वह
शास्त्रों की श्रुति परंपरा की शिष्य थी।
और हम चार किताबें पढ़ कर उस पीढ़ी की
आस्थाओं को कुचलते हुये धरती को विनाश
की कगार पर ले आये।

स्रोत - इंटरनेट

तृप्ति श्रीवास्तव द्वारा संकलित

From the Editor's Desk

Dear Readers

I would like to welcome you to Volume 3, Issue 3, of the PRAKRITI SANRAKSHAN quarterly newsletter of STE.

July - September 2022 issue highlights “An International Conference on Green Energy and Sustainable Environmental Technology (GESET-2022): A special initiative on Ozone Day on 15 – 16th September 2022 organised by the School of Chemical Technology Kalinga Institute of Industrial Technology (Deemed to be University) Bhubaneswar and Save the Environment, Kolkata. This issue also highlights based on environmental issues like “A Unique Art Exhibition Linking Positive Mental and Environmental Health”. The important days observed from April to June 2022 have been also included in this issue.

I express my sincere thanks to all the people who have contributed informative and inspirational articles to make this newsletter successful. I would like to express my profound gratitude to the President of STE Dr. Kshipra Misra, the editorial team and Mr. Gian Kashyap for designing this issue of PRAKRITI SANRAKSHAN and giving it the desired shape.

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ARTICLES ARE INVITED FOR THE INTERNATIONAL JOURNAL OF ENVIRONMENT AND HEALTH SCIENCES

This journal is being published by Save the Environment. Send your manuscripts for peer-review by e-mail. The authors must mention address, Contact Nos. and E-MAIL ID in their forwarding letter. Proof will be sent for correction before publishing. A pledge for originality will be signed by the authors.

We are pleased to announce that the DOI prefix for International Journal of Environment and Health Sciences is now available from Crossref, the official Digital Object Identifier (DOI). **The journal is now indexed in International Scientific Indexing (ISI).**



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STE Annual Awards 2022

(NOMINATION AND APPLICATIONS ARE INVITED)

LAST DATE 30th November, 2022

Annual Awards of STE are the tangible symbol to signify eminence of contributions made by a person or institution. This boosts the enthusiasm of the contributors who have contributed in different fields of science and social service with their excellence, expertise and approach towards achieving certain goals for the society. Recognition of such extraordinary activities is eventually very important to boost their confidence and to honour them for what they have done for the science and society. STE confers following categories of awards and honours to such eminent personalities.:

STE Dr. APJ Abdul Kalam Award

STE Dr. Praloy O Basu Life Time Achievement Award

STE International Achiever Award

STE Fellowship Award

STE Green Excellence Award

STE Meritorious Award For Excellence in Academics and Research

STE Water Award

STE Women Excellence Award

STE Best Ideas/Innovations/Technology for Environment Award

STE Young Researcher (Faculty) Award

STE Young Researcher Award

STE Best School Principal Award

STE Best Teacher Award

STE Humanitarian Award for NGOs

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