

SCHOOLASTIC NEWS

IMPACT-FOCUSED SCHOOL COMMUNITY MAGAZINE

**RESPECT THE SOLDIER'S
ULTIMATE SACRIFICES – RESPECT
OUR MOTHERLAND**

How Can We Solve the Problem of Space Junk?

Digboi - Oil City of Assam

Meghalaya's Living Root Bridges



**CELEBRATING
23 YEARS OF
KARGIL VIJAY DIWAS**

Content

Editor's Note 3

Kargil Vijay Diwas 4
 History of Kargil Vijay Diwas
 7 Interesting Facts about Kargil Vijay Diwas

Space

Need for Continuous Space Exploration 6
How Can We Solve The Problem of Space Junk?

FairGaze Model United Nations
 (West & Central India Inter-School MUN) 8

FAIRGAZE MODEL UNITED NATIONS
 (WEST & CENTRAL INDIA INTER-SCHOOL MUN)
 4TH JUNE 2022 | 9:00 A.M. – 6.00 P.M.

FairGaze Offering 10
 School Membership Program
 Recent FairGaze Engagements

FAIRGAZE OFFERINGS

School Membership Program
 The School Membership Program helps the school instill experiential learning, holistic development, skill building and financial literacy in children further preparing them for their life after school.

- available as a standalone engagement activity
- 1. ONLINE WORKSHOPS**
 Conducted by professional mentors for students, teachers and parents focused on knowledge and skill building.
- available as a standalone
- available as a standalone

FairGaze Patron School... 12

Jammu Sanskriti School
 [A Senior Secondary School Affiliated to CBSE 730065]
 Ismailpur Kothey, Jammu, District Jammu-181132
 9596766258, 9622410001 & 9622420001

Menace of Climate Change 13

FairGaze Patron School... 15

ADMISSIONS 2023
 GRADE 1 TO 12 (Science)

- Highly qualified & experienced
- Experienced & Ambitious staff
- Advanced Language & Science Labs
- Most engaged Sports Complex
- Rigorous NCE & 2nd Coaching
- Self-orientated Approach
- State of the art Bacc & Girls Hostel
- Concrete contribution of Science & Maths
- Balanced & nutritional Mid day meal
- Skill & activity oriented Approach

78 88 00 55 01/0

Travel & Learn 16
 Digboi – Oil City of Assam
 Meghalaya's Living Root Bridges

FairGaze Patron School... 18

CHOLA
 Creating Achievers!!
 Affiliated to CBSE, New Delhi
 for Sr. Secondary
 Affiliation No. - 2132578
 School Code - 71190

Vikag
 VIKAS
 SKILL DEVELOPMENT

FairGaze Model United Nations (South India Inter School MUN) 19

25TH JUNE 2022 | 9:00 A.M. – 6.00 P.M.

THE SAMARTH SCHOOL BESTOWED THEIR 9 STUDENTS WITH FAIRGAZE MUN SCHOLARSHIPS TO PARTICIPATE IN IT.

BUNTS SANGHA SM SHETTY SCHOOL ALSO BESTOWED THEIR 12 STUDENTS WITH FAIRGAZE MUN SCHOLARSHIPS TO PARTICIPATE IN IT.

CREDITS & EDITORIAL TEAM

EDITORIAL LEAD

BHAVNA SHARMA

SECTION EDITOR

MENKA SHARMA

HEAD OF DESIGN & LAYOUT

JASVINDAR SINGH

PUBLIC RELATIONS

MANSHI BISHT

RENU SHARMA

EDITORIAL & MARKETING CORRESPONDENCE

FairGaze Skills Pvt. Ltd.

522 Ansal Tower, 38 Nehru Place, New Delhi - 110 019, India

Ph.: +91-11-46850000 | E-mail: info@fairgaze.com

IMPRINT LINE:

Published and printed by Mookola Lakshman Sudheen on behalf of FairGaze Skills Pvt Ltd.

Printed at: JK Offset Graphics Pvt Ltd. B-278, Okhla Industrial Area Phase 1, New Delhi 110020.

Published from 522 Ansal Towers, 38 Nehru Place, New Delhi 110019.

Editor: Mookola Lakshman Sudheen

All rights reserved, no part of this publication may be reproduced or transmitted in any form or by any means, electronic and mechanical, including photocopy, and information storage or retrieval system, without publisher's permission.

Disclaimer

Any opinions and views expressed on or through the content/article are those of the designated authors and do not necessarily represent views of FairGaze Skills Private Limited ("Company"). Further, the company does not make any warranty as to the correctness or reliability of such content/article.



Editorial Lead

Moment to reflect on our journey and commemorate the contributions of the Indian Soldiers!

Welcome to the July edition of the Schoolastic News magazine. We are happy to share this issue that covers the valuable contributions of students and highlights their achievements. Our team along with budding writers ensure that what we send over to you is rich, robust, and helpful in your connect with the school community. We try and bring you the essentials that must be known by all and will add to one's knowledge.

Schoolastic News always strives to deliver content that each child can imbibe in their journey to an excellent career life in any field. We are constantly mentoring our young and dynamic talents, thus championing the nation's vision and values so that our students constantly live the mission and exemplify the values. It has also become an important responsibility for all educationists to hone the skills of the students and make them industry-ready.

This issue of the magazine highlights the essence of celebrating Kargil Vijay Diwas on July 26. The real-life legends protecting the Indian Borders exert a major influence on children. The children can learn a lot about our commitment of giving back to the country with pride. Our soldiers are shining examples of living life to the fullest and handling big challenges with a smile. The issue also brings out various aspects of our breath-taking land, travel, and tourism to amaze all the readers. We consistently bring forward live learning experiences for the students, teachers, and parents by encouraging their participation in Model United Nations and SDG campaigns that is designed to enrich and positively impact their lives.

This magazine and its articles are a reflection of budding thoughts, about their winning, their gifts, and their calling to realize their dreams. The inculcation of passion for research and writing, becoming stronger, more creative, more productive, more decent, and more kind, is all that we wish for our children. The curiosity to explore and learn must become a lifetime process. This is how they will understand special opportunities and what exactly is needed to make the future splendid.

We thank Dr. Satyabrata Minaketan, Chairman, ODM Educational Group who enlightened us through his article on "Menace of Climate Change".

The editorial team and our students have penned down their insights in their articles. We trust that Schoolastic News, which was built on the back of unbridled, unshackled, and unlimited inspiration will bring much satisfaction and enjoyment to all our readers.



In the end, I will conclude with a very famous quote,

"Our flag does not fly because the wind moves it, it flies with the last breath of each soldier who died protecting it."

Vande Mataram!

Bhavna Sharma
Editorial Lead
info@fairgaze.com



 We Salute Our Heroes! 

KARGIL VIJAY DIWAS

HISTORY OF KARGIL VIJAY DIWAS

This year we will witness the 23rd anniversary of Kargil Vijay Diwas on 26th July 2022. This day is dedicated to the martyred soldiers of the Kargil war. The beginning took place on July 26, and the Indian Army recaptured all of the Indian posts in Kargil occupied by Pakistani forces 23 years ago today. Since then, July 26 has been set aside each year to commemorate the sacrifices made by infantrymen during the battle.

Kargil Vijay Diwas is commemorated in honour of Kargil's battle heroes, those whose lives were lost due to the battle; infantrymen who died in the line of duty while serving their country. Every year, on the 'everlasting flame,' Amar Jawan Jyoti, at India Gate in Delhi, the Prime Minister pays his respect to the military. It is estimated that 527 Indian infantrymen martyred in the battle, with more than 1,300 others injured.

Even though both sides have attempted to manipulate the Siachen Glacier by erecting army outposts on neighbouring mountain slopes on numerous occasions since the Indo-Pakistan conflict of 1971,

the two sides have rarely engaged in direct combat battles. This resulted in army scuffles in the 1980s, which worsened in the 1990s. The nuclear assessments conducted by India and Pakistan in 1998 aggravated the situation. But just as it appeared that each nation's desire had been lost, in February 1999, all nations signed the Lahore Declaration, pledging to find nonviolent solutions to the Kashmir problem.

According to reliable sources, Pakistani army forces have been secretly training their troops to cross the Line of Control into India in the same year (or LoC). Their goal was to sever ties between Ladakh and Kashmir and put pressure on the Indian Armed Forces to leave the Siachen Glacier. The Indian Army Forces were initially unaware of the nature of the incursion. Assuming they were jihadis, the Indian defence force predicted they would be evicted in a matter of days. It wasn't until later that they noticed Pakistan's assault approach had grown and discovered penetration along the LOC. With Operation Vijay, the Indian

government retaliated forcefully, mobilizing approximately 200,000 Indian troops to fight.

The struggle that ended on July 26, 1999, is remembered, and revered every 12 months on the same day, according to the call of Kargil Vijay Diwas. This day is a proud occasion for every Indian, and it is widely observed across the country as a result.

Every year, the Prime Minister of India, Mr. Narendra Modi, pays homage to the soldiers at Amar Jawan Jyoti at India Gate, famous inside the Kargil-vicinity and the country's capital, New Delhi. India's victory over Pakistani forces on the Kargil heights is revered by the Kargil Vijay Diwas. On this day, the Indian Army's fallen heroes are remembered for risking their lives in 1999 to ensure India's victory over Pakistan.

By:

Maansi Prashar Katyal

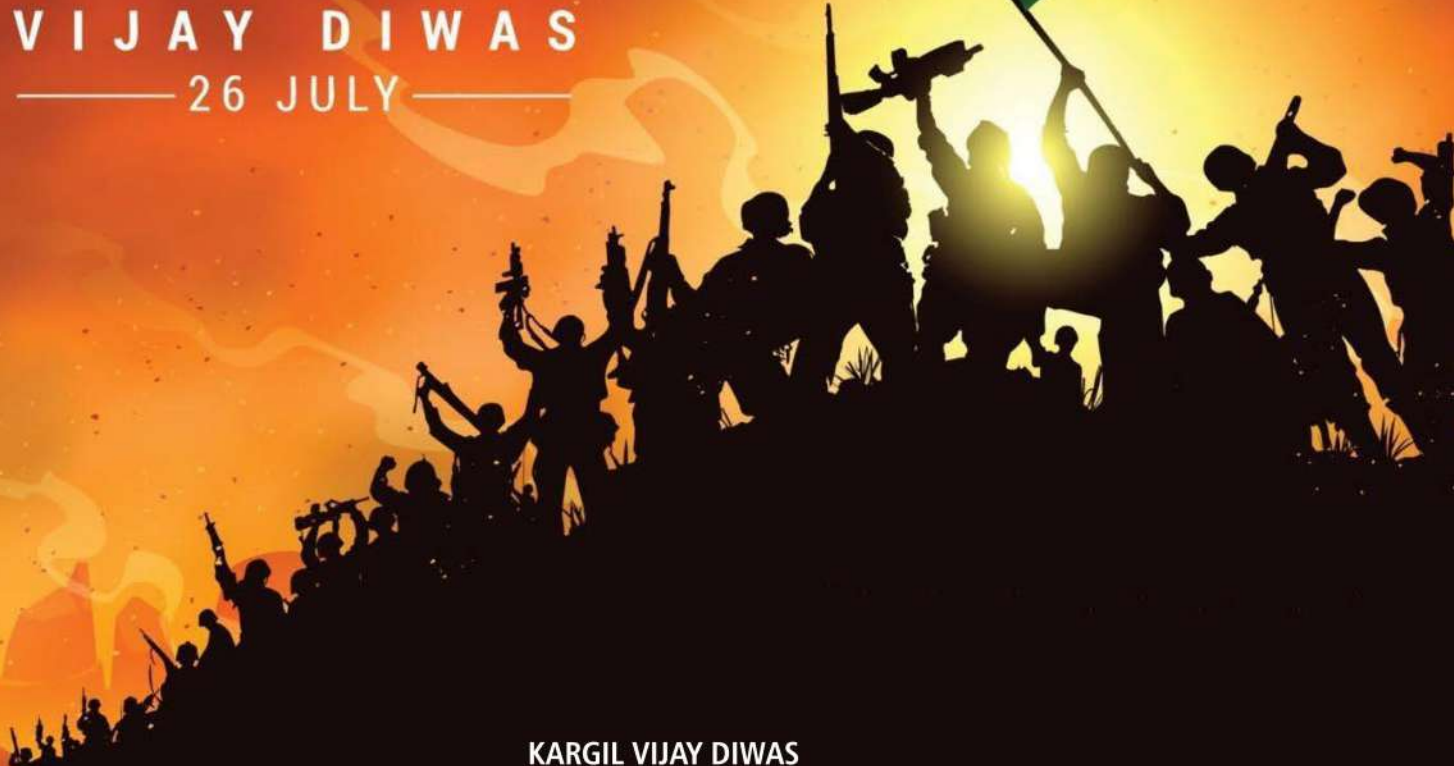
Class - 9

Jayshree Periwal International School,
Rajasthan

KARGIL

VIJAY DIWAS

— 26 JULY —



KARGIL VIJAY DIWAS

7 INTERESTING FACTS ABOUT KARGIL VIJAY DIWAS

Every year on July 26, Kargil Vijay Diwas is widely known to honour the heroes of the Kargil War. On this day, the Prime Minister of India pays homage to the soldiers at Amar Jawan Jyoti at the India Gate, New Delhi.

Seven Interesting Facts on Kargil Vijay Diwas -

- Kargil was incorporated into the Baltistan district of Ladakh before India's 1947 partition. After the first Kashmir War, it was separated by the Line of Control.
- Before the Kargil War, India and Pakistan had fought another conflict in 1971, which resulted in Bangladesh's formation.
- On May 3, 1999, a few local shepherds observed significant sports in the foothills of Kargil, and this became the first Intel of the conflict. It was later discovered that the hobby was accomplished with the help of Pakistani troops and terrorists.
- The battle was fought in temperatures as low as minus 10 degrees Celsius.
- The Indian Air Force (IAF) launched 'Operation Safed Sagar' on May 26, attacking Pakistani soldiers with planes like the Indian MiG-21, MiG-27, and Mirage 2000. The warring parties used those planes to launch rockets and missiles at the enemies.
- The Indian Navy launched 'Operation Talwar' to block Pakistani ports and prevent oil and fuel delivery throughout the conflict.
- Within the conflict, rockets and bombs were used in addition to guns. During the conflict, over 2.50 lakh shells, bombs, and rockets were fired.

By:

Sreeyaa Suresh

Class - 9

Kanikkamatha Convent School, Kerala

Edited by: Menka Sharma

SPACE

HOW CAN WE SOLVE THE PROBLEM OF SPACE JUNK?

It's so sad how much a modern world relies on satellites with commercial space companies making rocket launches more affordable by the day, and nanotechnology giving us cubesats that we can hold in our hand, we are getting into the golden age of satellite technology. But just as we gain a new benefit with each new object, we place in low Earth orbit we are also adding to the odds of a collision. This danger is called the "Kessler Syndrome" and it was highlighted in the film "Gravity". When objects traveling at 17,500 miles per hour collide, bad things happen mainly cascading effect of more and more collisions creating more and more "Space Junk" or "Space Debris".

This is a threat to the crew of the International Space Station (ISS), but if it starts to take out too many satellites, it could also significantly threaten our way of life down here on earth. And if it gets really out of control, it could eventually make space launches completely impossible. That means no Mars mission. Currently, more than 2,000 satellites are orbiting the planet, and an estimated 5,00,000 pieces of space junk ranging in size from fingernails up to the size of bowling balls.

There's a lot of room in space though and the current debris cloud isn't very dense but there's already enough stuff hurtling around that the (ISS) has to change course once a month as its crew shelter in the "Soyuz Reentry Capsule" until the threat of Collision passes. These lethal pieces of iron metal are already destroying one satellite per year, which is why this isn't some abstract problem of the future humanity is facing now. So, it's good news then that a team of mechanical engineers in Russia



understands the urgency of the moment and has developed a debris prevention system that's ready for testing. This braking system is a delicate film 20 times thinner than human hair, and its coated with an even thinner layer of aluminum. During orbit, it will unfold from within the satellite to slow it down. It's a common misconception that space is an airless vacuum as there's actually a small amount of air of hundred miles above the earth. But for a tiny satellite that's stopped working it would take years for this drag to slow it down enough to enter our atmosphere and burn up.

While some people are developing an improved system to track all that space debris, others are holding out hope for some future fix like using lasers to de-orbit or move debris. But that's not the best we can do to begin solving this problem now, which is what makes this group of unfunded enthusiasts so inspiring.

By:
Parth Aggarwal
Class - 10
S. D. Public School,
Delhi

SPACE

NEED FOR CONTINUOUS SPACE EXPLORATION

The extent of Space Science by the scientist of the Earth has been unpredictable as the unpredictability of our universe. Our Space is unlimited and beyond the Expectations of all geniuses and brilliants of our planet. Hence, scientists keep exploring and finding new facts about our space. And this greed to find more and more leads the scientist to the stage where they believe that there is a need for continuous space exploration. Let us observe some key targets at which most of the current space explorations are concerned:

- **Exploring our Solar System Planets-** We, the humans, are present on the third planet from the sun and have 7 more planets other than our earth in the solar system which revolve around the sun. We are currently not even capable of simply exploring our

neighbor's solar planet, Mars, so what to say of other faraway planets like Saturn or Jupiter. Thus, we need to gather a lot of information about our fellow planets to advance and modernize ourselves.

- **Host Planets or Habitable Planets** Currently, many space organizations and unions are targeted to find more habitable planets to extend the boundaries of Survival from only Earth to other planets which can serve as a host and ensure the survival of the human with all the necessities. Continent space missions and explorations are executed periodically to achieve this goal. Kepler's Mission is one such example where an Earth-size planet orbiting other stars was aimed to be discovered.
- **Progress of Modern Technology -** Aside I don't know all the targets one

aim, which is currently the need of the world, is to advance our technology and improve the utility of the resources. Space Exploration helps to reveal unknown facts about our universe which can provide aid to massive transformation and improvisation in all sectors whether it is Medical Science or Artificial Intelligence with an abundance of innovations.

Hence, to accelerate modern advancement and excel in future the human mankind needs to continuously progress in space exploration.

By:

Ksshika

Class - 9

Shikshantar School, Gurgaon

Edited by: Menka Sharma

4 QUALITY EDUCATION



11 SUSTAINABLE CITIES AND COMMUNITIES





IN COLLABORATION WITH



UN Information Centre
for India and Bhutan

FAIRGAZE MODEL UNITED NATIONS

(WEST & CENTRAL INDIA INTER-SCHOOL MUN)

4TH JUNE 2022 | 9:00 A.M. – 6.00 P.M.

45+ SCHOOLS PARTICIPATED

- Mayo College Girls School, Ajmer
- Maharani Gayatri Devi Girls' School, Jaipur
- St. Mary's School, Pune
- Sharada Mandir High School
- Billabong High International School, Malad West, Mumbai
- Indus International School, Pune
- Bunts Sangha SM Shetty International School & Junior College
- Sarosh Junior College of Science, Talimabad, Mitmita, Aurangabad
- Stepping Stones International School
- NES International School, IB World
- Kota Junior College, Karad
- Bhavan's BP Vidya Mandir, Trimurti Nagar, Nagpur
- Vivek High School, Mohali
- Aryabhatta World School
- Podar International School, Cambridge
- Jayshree Periwal International School
- Sunbeam School, Varanasi
- Study Hall School
- Podar International School, Powai
- Euro School
- Oakridge International School, Mohali
- Podar International School, Satara
- Maharana Mewar Public School
- Lotus Valley International School, Noida
- Gracious High School
- St. Joseph's School, Bhaktinagar
- The Shri Ram School, Mousari
- The Kalyani School
- Govt. Girls HSS Gowari Bhalessa Doda
- La Martiniere's Girls College
- Navrachana Higher Sec School, Sama
- India International School, Jaipur
- Essar International School
- St. Xavier's High School
- Seth MR Jaipuria School
- SD Public School
- IES Public School
- Sunbeam School, Ballia
- Trinity International School, Pune
- The Millennium School
- St. Xavier's School, Loyola Hall
- Little Blossom School, Igatpuri, Dist. Nashik
- Rungta International School
- RN Podar School
- Shanti Gyan International School

Trinity International School, Pune bestowed their 9 students with FairGaze MUN scholarships to participate in it. SD Public School, Delhi also bestowed their 7 students with FairGaze MUN scholarships to participate in it.



IN COLLABORATION WITH



UN Information Centre
for India and Bhutan

FAIRGAZE MODEL UNITED NATIONS

(WEST & CENTRAL INDIA INTER-SCHOOL MUN)

4TH JUNE 2022 | 9:00 A.M. – 6.00 P.M.

Some Happy Voices:



It was a great experience. The MUN needless to say was a huge success. The debate put up by all delegates was really interesting. The Secretariat and the Executive Board were really helpful and understanding. Overall, it was a great learning experience that will be cherished forever.

Warm regards,

**Yashnita Nambiar, Deputy Secretary General, FairGaze MUN (West & Central India Inter-School MUN)
Class – 9, Mayo College Girls' School, Ajmer**



FairGaze MUN was an amazing experience for my daughter Maansi. The event was so effortlessly and smoothly conducted that she was totally at ease and could interact and express her views as a delegate without any fear or inhibitions. I appreciate the stupendous efforts of the organizers in ensuring the participation of each delegate and maintaining decorum.

Regards,

Anupama Parashar, (Maansi's Mother)

(Maansi served as the Delegate of the United Kingdom in the United Nations Environment Assembly and is also a student of Jayshree Periwal International School)



I am glad that FairGaze MUN invited me as a Chief Guest for the West & Central India Inter-School MUN. It was my pleasure to witness young delegates learning and growing in the MUN conducted by FairGaze. The organisation is doing a great job by providing a platform for all the students and we would love to continue our relationship with them.

Regards,

Dr. Priti Shrimal, Principal, Billabong High International School, Vadodara

Chief Guest – Closing Ceremony – FairGaze MUN (West & Central India Inter-School MUN)



It was a wonderful experience to participate in MUN conducted by FairGaze. The entire process of registration, submission of the position paper, orientation, and the actual session was properly planned and executed. The committee chairs were kind to share their valuable feedback with the participants which would help them further. Looking forward to participating in more events in the future. I extend my sincere thanks to the entire FairGaze team for giving us a wonderful experience.

Sincerely,

Aditya Bhambhani (Delegate of Belgium in United Nations General Assembly)

(Student in Class 10, Navrachana Higher Sec School, Sama)



The FairGaze Model United Nations (West and Central India) UNGA committee was a huge success. All of the participating delegates were relatively young and were first-timers but I was amazed and ecstatic to see their knowledge and concern for the topic of discussion. I had a blast co-chairing this committee and sincerely hope that the delegates would keep participating in such a great initiative taken by FairGaze. Thank you for this opportunity.

Regards,

Rianna Goel, (Vice-Chairperson of United Nations General Assembly)

FAIRGAZE OFFERINGS

School Membership Program

The School Membership Program helps the school instill experiential learning, holistic development, skill building and financial literacy in children further preparing them for their life after school.



Recent FairGaze Engagements



WORLD ENVIRONMENT DAY
6TH JULY | 4:00 PM-5:00 PM
CLOSING CEREMONY

Mr. Rituraj Phukan
(Environmental Writer, Adventurer & Naturalist)

Ms. Huma Syed
(Senior Headmistress, Birla Open Minds International School)

Ms. Shobha Kapoor
(AVP-Corporate Communications, Brand and Marketing, Sesame Workshop India)

Dr. Sudha Acharya
(Chairperson, The National Progressive Schools' Conference, Principal, ITL Public School, Dwarka, President, CBSE Sahodaya, Southwest Delhi Chapter)

Finally, the wait is over! The closing ceremony of the World Environment day campaign is on 6th July from 4-5 pm in the presence of renowned personalities like Dr. Sudha Acharya (Chairperson, The National Progressive Schools Conference, Principal, ITL Public School, Dwarka and President, CBSE Sahodaya, South West Delhi Chapter), Ms Shobha Kapoor (AVP-Corporate Communications, Brand and Marketing Sesame Workshop India), Mr. Rituraj Phukan (Environmental Writer) and Ms. Huma Syed, (Senior Headmistress Brila Open Minds International School). The World Environment Day Campaign saw over 400 students registering their support for environmental conservation.

UPCOMING WORKSHOPS

- **July 4, 4:00 PM:** Understanding Behaviour Changes In Students (Teachers)
- **July 8, 4:00 PM:** Communication Skills for Teachers

Find out more about all our upcoming webinars and register here: <https://fairgaze.com/webinars.html>

PAST WORKSHOPS

- **June 8, 4:00 PM:** Variations Of Colour In Painting
- **June 24, 5:00 PM:** Effect Of Parental Conflict On Children

FairGaze in partnership with Super Teacher Academy organized a workshop for teachers, on 23rd June - on the topic - Introducing STEM teaching in classrooms. STEM Education, at its core, simply means educating students in four specific disciplines, namely, Science, Technology, Engineering, and Mathematics. STEM education creates critical thinkers, increases science literacy and enables the next generation of innovators. The Speaker of the workshop was Mr. Tejas Shaym who is an Edupreneur, Awarded Teacher, thrice TEDx Speaker, Visiting Professor, Certified Business and Entrepreneurship Coach, Teacher Trainer, YouTuber and Corporate Consultant. Hundreds of teachers participated in the workshop.



FAIRGAZE in association with **Super Teacher Academy**
WORKSHOPS

Fuel curiosity about STEM teaching
Introduce STEM teaching in classrooms!

Guest Speaker:
Mr. Tejas Shaym
Edupreneur, IT Bombay Alumna, 9+ years of training expertise

Going **LIVE** on
23rd June, 2022 | 4:00 - 5:00 PM.

7000+ happy teachers
700+ empowered institutes

REGISTER NOW!

FAIRGAZE PATRON SCHOOL

Email: jammusanskriti@gmail.com
Website: www.jammusanskritischool.in



Science, Commerce and Humanities streams with vast array of subject options...

Admission Open

Class
11th

On Provisional Basis



**CLASSES STARTS
FROM 2 JUNE, 2022**

Jammu Sanskriti School

[A Senior Secondary School Affiliated to CBSE 730065]

Ismailpur Kothey, Jammu, District Jammu-181132

9596766258, 9622410001 & 9622420001

Sponsored feature



MENACE OF CLIMATE CHANGE

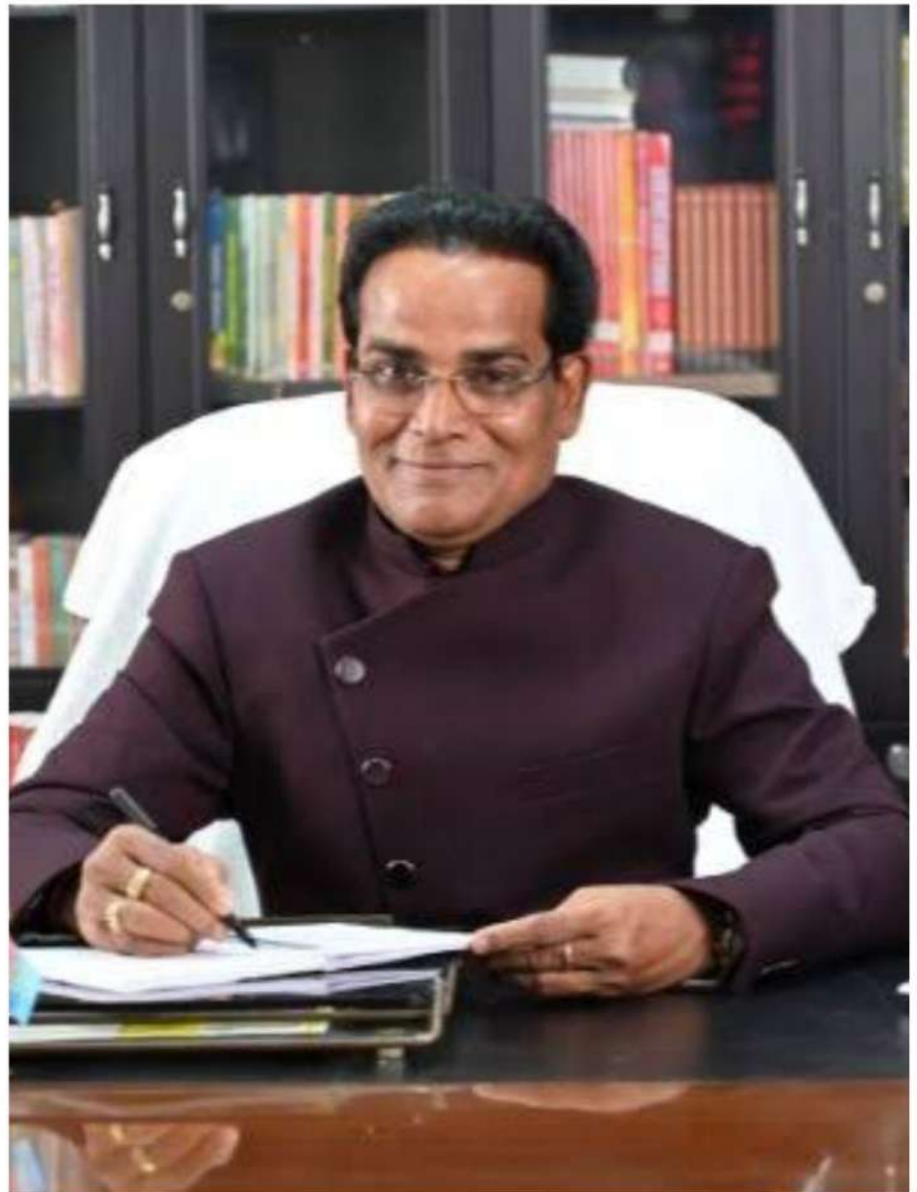
• Introduction:

The issue of Climate Change has been a burning issue and its negative impacts are worsening day by day much faster than scientists predicted less than a decade ago as surveyed by a United Nations climate panel. The Earth has been warmer than it has been in 125,000 years as reported by the Intergovernmental Panel on Climate Change (IPCC). It has extremely disastrous impacts on people, flora-fauna, and ecosystems. The report says that between 3.3 billion and 3.6 billion people i.e. more than 40% of the world's population lives in places and in situations that are highly vulnerable to climate change causing innumerable death and suffering across the world, and it will continue to do so unless seriously dealt with.

Scientists have pieced together a record of the earth's climate by analyzing several indirect measures of climate, such as ice cores, tree rings, glacier lengths, pollen remains, and ocean sediments, and by studying changes in the earth's orbit around the sun. This record shows that the climate varies naturally over a wide range of time scales, but this variability does not explain the observed warming since the 1950s. Rather, human activities have been the dominant cause of that warming and ozone depletion.

• Factors behind Climate Change:

Unscrupulous and callous human activities have contributed substantially to ever-worsening climate change through **Greenhouse Gas Emissions, Reflectivity or Absorption of the Sun's Energy, uncontrolled industrialization, urbanization, rapid population-habitation, volcanic eruptions, forest fires, deforestation, etc.** Emissions of small particles, known as aerosols, into



Dr Satyabrata Minaketan
Chairman, ODM Educational Group

the air can also lead to reflection or absorption of the sun's energy. Many types of air pollutants undergo chemical reactions in the atmosphere to create aerosols.

Overall, human-generated aerosols have

a net cooling effect on the earth. The concentrations of the key greenhouse gases have all increased since the Industrial Revolution due to human activities. The harmful gases like Carbon dioxide, methane, and nitrous oxide

concentrations are now more abundant in the earth's atmosphere than at any time in the last 800,000 years. These greenhouse gas emissions have increased the greenhouse effect and caused the earth's surface temperature to rise. Burning fossil fuels changes the climate more than any other human activity. Natural processes too are always influencing the earth's climate and can explain climate changes before the Industrial Revolution in the 1700s. However, recent climate changes are mainly attributed to man-made factors.

- **Consequences of Climate Change**

- **Melting of glaciers:**

- Fast melting of glaciers is causing expansion of Seas, main rivers, and their tributaries causing massive soil erosion and deforestation, **rapid wiping-out of human habitation and plantations due to floods and expansion of water bodies, etc.**

- **Changes in the Earth's Orbit and Rotation:**

- Changes in the earth's orbit and its axis of rotation have had a havoc impact on climate in the past. At the coldest part of the last glacial period (or ice age), the average global temperature was about 11°F colder than it is today. At the peak of the last interglacial period, however, the average global temperature was at most 2°F warmer than it is today.

- **Variations in Solar Activity:**

- The Climatic Change also brings changes in the sun's energy output, which affect the intensity of the sunlight that reaches the earth's surface and these changes also influence the earth's climate considerably. However, the satellite measurements show no net increase in the sun's output as of date, even as global surface temperatures have risen.

- **The geographical and socio-economical factors and conditions of man may be the worst affected in different regions in near future by the climatic change causing deaths and diseases due to disasters such as fire,**

- heat waves, radiation, ill effects of unusual seasonal change, floods, wiping out of coastal regions, earthquakes, poverty, etc. For example, the smoke inhalation from fires has contributed to cardiovascular and respiratory problems and increased rainfall and flooding have led to the spread of diseases such as cholera, diarrhea, and other diseases. People are suffering from mental health issues due to traumatic effects arising out of numerous disasters. If global temperatures rise by more than 1.5 °C above pre-industrial levels, some environmental changes may be irreversible depending on the magnitude and duration of the 'overshoot' beyond this threshold. In forests and Arctic permafrost zones that act as carbon dioxide reservoirs, for instance, extreme global warming could lead to the release of excess carbon emissions, which would, in turn, drive further warming — a self perpetuating cycle.

- **Remedy**

- **Strong Public Awareness:**

- Strong and sustainable remedies alone can save humanity from the disastrous consequences of Climate Change leading to dangerous global warming and ozone depletion. The first and foremost remedy is strong public awareness against this. Rapid forestation, strict standardization of industrial behavior, sustainable economic development, protection for biodiversity and natural ecosystems, secure natural resources such as forests, mountains, freshwater, and coastlines, and strong disaster management systems are some of the effective measures to protect humanity from the disasters of climate change. Multiple lines of evidence suggest that maintaining the resilience of biodiversity and ecosystems as the climate warms will depend on "effective and equitable conservation of approximately 30% to 50% of Earth's land, freshwater and ocean areas".

- **Government Support and Efforts in regional, national and global coordination:**

- This is very crucial to keep climate change under control. The enforcement system and strong remedial measures against wrong man-made activities of people and nature-caused havoc are extremely essential at the regional, national, and international levels in proper coordination. The capacity of individuals and local communities to cope and adapt to the risks of climate change is very limited without adaptation-planning efforts supported by governments. There is an essential need for collaboration among citizens, scientists, the private sector, and policymakers to develop feasible adaptation plans, through the integration of different knowledge systems and disaster-management systems to counter this burning challenge frightening the existence of flora and fauna and human existence.

FAIRGAZE PATRON SCHOOL



Samata International School

We are driven with the motto
“Leave no child behind”



ADMISSIONS OPEN

2022-23

GRADE 1 TO 12 (Science)

- ✓ Digitally enabled classrooms
- ✓ Experienced & motherly staff
- ✓ Advanced Language & Science Labs
- ✓ Well equipped Sports Complex
- ✓ Rigorous NEET & JEE Coaching
- ✓ Skill oriented Approach
- ✓ State of the art Boys' & Girls' Hostel
- ✓ Concrete curriculum of Dance & Music
- ✓ Balanced & nutritional Mid day meal
- ✓ Skill & activity oriented Approach

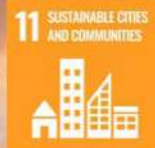
E-mail: sis@samataschool.in www.samataschool.in

<https://www.facebook.com/samatainternationalschool>

78 88 00 55 01/02

TRAVEL & LEARN

DIGBOI OIL CITY OF ASSAM



Digboi, in the Eastern Part of Assam, famously known as the 'Oil City of Assam', Digboi was discovered during the 19th century. The city has Asia's 1st drilled oil well, which is a major tourist attraction in Assam. The first oil discovery at Digboi happened during the early 18th century. The world's oldest operating oil refinery is also located at Digboi. The first refinery was operational here in 1901. Tucked amid blue hills and undulating plains carpeted with emerald green tea plantations, Digboi still retains its colonial ambiance. It's simply breathtaking to have a bird's eye view of Digboi from the famous Ridge Hill point.

Digboi also has an oil museum and a wildlife sanctuary of unsurpassed beauty. Going down the hill, visitors will come

across oil derricks of various types and other devices still declaring the glory and marvel of the now outdated innovation of the last forties. On the other side of the hill, one can view fabulous sceneries and it is possible to even come across a herd of elephants or a Royal Bengal Tiger, besides some rare species of birds. There is an 18-hole golf course developed by the Scottish pioneers. Digboi can almost be called a Golfing Resort with as many as eight golf courses within proximity, each with its character and challenges.

Digboi has always retained a British-influenced culture, years into independence. Club going, golfing, swimming and tennis are part of life for most Digboites. Assamese, Hindi, English, and Bengali are the languages commonly spoken. Festivals like Holi, Laxhipuja,

Kalipuja, Durga Puja, Dewali, etc. are celebrated by the people. The surrounding tea gardens and agriculture contribute to the local economy. Digboi is one of the leading tea and oil-producing centers in Assam.

Digboi is the headquarters of the Assam Oil Division of Indian Oil Corporation Limited. Being very old, the present oil production is very low at Digboi. But it is the history and tradition that make this town significant, which is almost like a living museum on the subject of oil exploration and production.

By:
Janani
Class - 8
SBK international School CBSE,
Tamil Nadu
Edited by: Menka Sharma



TRAVEL & LEARN

MEGHALAYA'S LIVING ROOT BRIDGES

The whole idea of Meghalaya's living bridges came into the picture some two centuries ago (180 years precisely) when veterans of the Khasi clan living in Meghalaya put rubber tree roots into hollow canes of Areca nut palm that met halfway across the stream. The roots were nurtured and cared for properly until they grew enough to reach the opposite bank, get completely entwined with each other, and make themselves capable enough to carry heavyweight.

Living Root Bridges

- A living root bridge is like a suspension bridge formed by guiding the pliable roots of the rubber fig tree (*Ficus elastica*) across a stream or river and allowing the roots to grow and strengthen over time.
- They are common in the southern part of the Northeast Indian state of Meghalaya. Such a bridge is locally called Jingkieng Jri.
- They are created by human beings.

- Although the Living Root Bridge takes around 10 to 15 years to take shape, it can last up to 500 years.
- They can be considered as a reference point for future botanical architecture projects in urban contexts.
- They are among the major points of attraction in Meghalaya and are also home to varieties of flora and fauna.
- They are ever-evolving and have the potential to hold 50 or more people in one go.
- Found mostly over streams running through the forests, these are grown by trained Khasi and Jaintia tribes.

Some of the interesting facts about these bridges are:

- The Living Root Bridges are made from rubber tree roots also known as **Ficus elastica tree**.
- Some of the root bridges are over 100 feet long and take 10 to 15 years to attain the perfect shape.

- Once fully grown, these roots last for as long as 500 years. While some of the roots decay because of their continuous association with water, others grow and make up for the decayed, thus providing the required stability to the bridge.
- Of all the Living Root Bridges in Meghalaya, the **double-decker root bridge in Cherrapunji** and the **single decker root bridge in Shillong** are the unique bridges in the world and make for prime attraction in the Northeast.
- Living Root Bridges in Meghalaya are recognized by UNESCO as a World Heritage Site.

By:
Khanak
Class - 9
Jodhamal Public School
Jammu

FAIRGAZE PATRON SCHOOL



Sunbeam School

CHOLAPUR

Creating Achievers!!

Affiliated to CBSE, New Delhi
for Sr. Secondary

Affiliation No. : 2132578
School Code : 71392



ADMISSION FORMS available for the
Session 2021-22 for **ADMISSIONS**
in Nursery to Class IX & XI

Inviting applications for the post of

COORDINATOR- 03 Nos. (Senior, Junior, Primary)

PGT Teachers (English, Hindi, Physics, Chemistry & Biology)

TGT Teachers (English, Computer, Hindi , Social Science.)

PRT Mother Teacher for KG-2 Classes. Activity Teacher, Librarian, Music.

(Eligibility as per CBSE Norms) Salary & Other Benefits Commensurate with Qualification & Experience
Knowledge of ENGLISH is a must for applying

Apply in Confidence to cholapur@dhkeduserve.com

Interested candidates can **Walk In Interview** on 01.11.2021 at Sunbeam School, Cholapur
or on any of the week days between 10:00 am to 2:00 pm

... partners in
EDUCATION



School Campus: Danganj, Cholapur, Varanasi

Contact: 7080307732, 7080307733
E-mail: cholapur@sunbeamschools.co.in



IN COLLABORATION WITH



UN Information Centre
for India and Bhutan

FAIRGAZE MODEL UNITED NATIONS

(SOUTH INDIA INTER-SCHOOL MUN)

25TH JUNE 2022 | 9:00 A.M. – 6.00 P.M.

THE SAMARTH SCHOOL BESTOWED THEIR 9 STUDENTS WITH FAIRGAZE MUN SCHOLARSHIPS TO PARTICIPATE IN IT.

BUNTS SANGHA SM SHETTY SCHOOL ALSO BESTOWED THEIR 12 STUDENTS WITH FAIRGAZE MUN SCHOLARSHIPS TO PARTICIPATE IN IT.

Some Happy Voices:



As it was my son's first MUN, he seemed to be stressed out with the various terms and procedures; however, FairGaze helped him clear all his doubts, successfully giving his first MUN, which as a parent, I highly appreciate.

Regards,

Mrs. Brinda, (Thirukumaran's Mother)

(Thirukumaran served as the Delegate of South Korea in the United Nations Environment Assembly and is also a student of Mainadevi Bajaj International School)



It was my pleasure to attend the Closing Ceremony of FairGaze MUN as a Chief Guest for the South India Inter-School MUN. I would like to appreciate the efforts of FairGaze for giving students the opportunity to learn and grow through the MUN platform and we would love to continue our relationship with FairGaze.

Regards,

Mr. Samirkhan Gulabkhan Attar, Principal, Samata International School, Maharashtra

Chief Guest – Closing Ceremony – FairGaze MUN (South India Inter-School MUN)



I want to thank for being supportive of me. This was my first MUN. I was so nervous. But you made my MUN easy. Thank you FairGaze for organizing the MUN.

Sincerely,

Shaik. Pragnitha (Delegate of Argentina in the United Nations Security Council)

(Student in Class 9, Montessori English Medium School)



Thanks for this opportunity and I hope my journey with FairGaze and as well as with the other executive board continue!

Had a day filled with fun and obviously was a great experience.

Once again thank you so much!

Regards,

Rithikesh

(Chairperson of United Nations Human Rights Council)



FAIRGAZE
UNLOCKING POTENTIAL

FairGaze Skills Pvt. Ltd.,

522 Ansal Tower, 38 Nehru Place, New Delhi - 110 019, India | Ph.: +91-11-46850 000 | E-mail: info@fairgaze.com

www.fairgaze.com