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ECOTRAIL™

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EDUCATOR'S COLUMN
PREPARING LIFELONG LEARNERS

MULTIPLY THE MESSAGE
FROM TRAILBLAZERS FOUNDATION

ON THE BRINK
NARCONDAM HORNBILL

NEW FRONTIERS
SURFING FOR THE SOUL

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EDITORIAL

Dear Readers,

On 11th March 2020, the World Health Organization (WHO) Director-General, Dr. Tedros Ghebreyesus officially declared the Corona virus (COVID 19) outbreak a pandemic. The definition of a pandemic is, a disease that spreads from person to person across continents at the same time. Current statistics of the COVID 19 according to the WHO as of 16th March 2020, state that there are almost 1,53,648 positive cases of the disease in 146 countries. The last influenza pandemic that took the world by storm was that of the H1N1 virus in 2009 with an estimate of 43 to 89 million cases reported around the world within a year.

Though we live in a technologically and medically advanced world, illnesses are on the rise in our species. Whether it is in the form of mental health disorders, cancer, diabetes or obesity. With an increasingly sedentary lifestyle, people are becoming more susceptible to falling sick. The Institute for Health Metrics Evaluation (IHME), Seattle stated that about 13% of the world population suffers from some kind of mental health issue. Though, this rise in number can also be attributed to the fact that more people are willing to speak about it. Another trend observed is the rise in allergies and asthma cases in children. Particularly in the West, the frequency of occurrence of food allergies has increased in the past decades.

Even though healthy lifestyles are the latest trend, why is it that we come across such statistics? Some studies claim that we are living in conditions that are too clean, as a result of which children aren't exposed to enough germs that help train their immune system. This is also known as the hygiene hypothesis. Our frenzied attempt to keep our children away from mud, dust and anything that spells germs, coupled with a boom in the intake of antibiotics for the smallest of ailments leads to an impeded immune system. The human body is made up of almost trillion microorganisms, so much that they outnumber the cells in a 10:1 ratio. The more we try to rid ourselves from the exposure to bacteria and germs, the more we expose ourselves to health problems at a later stage. This of course does not mean that you jump into a lake riddled with filth, but there should be a balance, like everything else in life.

I remember my childhood, there wasn't one vacation where I didn't scrape a knee, get my hands dirty in the mud, climb a tree and roll in the grass. There was no one constantly monitoring my moves or running towards me with a medical kit at the sight of the smallest scratch. I see parents in the park, which itself is a rare sight, discouraging their children from touching anything natural and dampening their curiosity about the outdoor world!

I implore parents, teachers and caretakers to give children that designated time in the outdoors and allow them to interact with the natural elements. Nothing good comes from living in a sanitized bubble of a world. Allow them to absorb some Vitamin D, a great immunity booster, from the Sun. There is a chance that warmer temperatures and the onset of summer might even help decrease the spread and intensity of COVID 19.

As we wait for the pandemonium to die down let us think about how we can improve the health routines for ourselves and our children. One of the best ways to do this is to pick up an outdoor sport as a hobby. Be it running, hiking or even wildlife photography, make it a part of your routine and use it to explore the world and yourself.

However at the same time let us take the necessary precautions to prevent the spread of the Corona virus. As a preventive measure, we at Trailblazers have decided to make this issue of the Ecotrail an online version to reduce human interference and contamination. Be safe, be brave, don't panic and send your children into the echanting outdoors for a Trailblazers experience when the world is back to normal. Rest assured they will return saying, Darna Corona se.

Ranjan Biswas

Editor- Ecotrail | Managing Director, Trailblazers Adventure Travel Pvt Ltd | Trustee- Trailblazers Foundation



NARCONDAM HORNBILL



Rhyticeros narcondami
Image courtesy - Kalyan Varma

The Narcondam Hornbill is only found on the Eastern most island of the Andaman and Nicobar archipelago. Classified as an endangered species by the IUCN it is also an endemic species. They are sexually dimorphic meaning the male and female are easily distinguished based on their appearance. While the male has a rufous head with an orange red iris, the female has a black head and an olive brown iris. Like in other hornbill species, during the breeding and nesting season pairs fly off in search of tree with a cavity. Hornbills are incapable of making their own cavities and hence are called secondary cavity nesters. Being monogamous, pairs mate for life and usually nest in the same tree year after year. Once they find a suitable tree, the female lays the eggs inside the cavity and then seals it up with a cement made of her droppings.

While the female is incubating the eggs, the male feeds her through a narrow opening. The female continues to stay in the cavity till the chicks are old enough to fly off. During this period she moults all her feathers to create a soft bedding for her chicks. She regularly cleans the cavity by regularly throwing out the droppings with her beak.

The last full survey of the species was done in the year 2006 where almost 200 individuals were noted. The main threat the species faces is human disturbance. Any development or construction on the island will cause destruction of the limited habitat. One example is of the goats brought to the island that feed on the vegetation undeterred disallowing the forest to regenerate. There have also been cases of poaching on the island. The Government has taken some great steps to conserve and protect the species. The 7 sq. kms island has been declared a wildlife sanctuary. There has been no construction on the island except for a small police outpost. Future plans include another survey and removal of the goats from the island along with stricter enforcement of the hunting ban.

A CONGLOMERATION OF INNOVATION

Techfest is Asia's largest Science and Technology festival hosted by IIT Bombay. Techfest's purpose is to bring the latest technology and innovation to school and college students, and society at large. Colleges from India and abroad participate in the fest and exhibit state of the art innovations. Mr Tapanendu Kundu, who is a Professor in the Department of Physics said the festival helps inspire and ignite young minds.

Started in 1998 with the motive of encouraging technology, scientific thinking and innovation, Techfest is now recognised as Asia's largest Science and Technology festival with a footfall of more than 1,75,000 annually and a reach of over 2500+ Indian colleges and over 500+ colleges abroad. The 23rd edition of the festival was held in January 2020 at IIT Bombay.



Prof. Tapanendu Kundu



KERALA GETS ADVENTURE READY

The year 2020 has been designated as the year for adventure tourism in India. India being a diverse nation in aspects ranging from language, cultures, food and geographic features, offers a myriad of adventure sports that one can take up. The state of Kerala has taken this thought very seriously and is working on upgrading almost 50 centres to national and global adventure standards.

The setup of an adventure tourism academy at Sasthampara is also in the works. Tourism Secretary, Ms. Rani George said that except for desert and snow-capped mountain activities, Kerala has the potential to emerge as a top adventure tourism destination of the country.

Unknown to most Kerala has also been hosting the International White-Water Kayaking Championship at the Malabar River Festival for the past seven years. This is one of Asia's largest Kayaking competitions with participation from nine countries. The tributaries of the Chaliyar river come to life during the months of July and August and offer rapids that attract some of the biggest names from the international kayaking world. This year the river festival will have its eight edition as South India's only extreme adventure competition organized on the behalf of Kerala Tourism by DTPC Kozhikode and Madras Fun Tools.

It's time we started looking for adventure in places other than the mountains!



PREPARING LIFELONG LEARNERS

The Principal of South City International School writes to us about teaching life skills in the Outdoors.

"Much education today is monumentally ineffective. All too often we are giving young people cut flowers when we should be teaching them to grow their own plants." - John W. Gardner, a well known Educationist

Learning is a continuous process. There is no start or end to the process. As a child grows and develops new skills, learning occurs at various levels. School education is always thought of as a formal learning.

We are in a digital age and now everything is available, not just at the click of a button, but voice controlled. In this age, it's our sole responsibility to show the marvels of a "hands on" learning to children across different classes.

Sir Ken Robinson, has always advocated outdoor learning. He feels that schools kill creativity with plenty of structure without application. Every student should have access to discovering facts taught in the classroom and verify details for themselves. This is quite apparent when children go to a science laboratory and verify chemical facts or biological processes for themselves. Similarly when they learn about history or geography if they are taken to the outdoors on nature trails or camps, they discover a lot not just about their surroundings but also themselves.

We as educators are all aware that life skills are much more important than subject skills. Children do learn their subjects in class under controlled situations but are often at a loss dealing with social situations.

At the World Economic Forum, conducted at Davos, it was unanimously agreed upon that the youth of tomorrow require skills such as Critical thinking, Creativity, Complex Problem Solving Skills, Cognitive Flexibility, Coordination and Team Work. Most of these skills can be imparted to children when they travel independently as a cohort under adult supervision.



Why do we need to think of outdoor learning as a critical part of the syllabus in today's digital age? The answer lies in the fact that as AI makes inroads into the field of education, one must make our students ready for a VUCA World, a world that is Volatile, Uncertain, Complex and Ambiguous. We need to prepare lifelong learners. Robots lack these human skills and can be programmed to include certain behavioral changes in their codes. Outdoor learning has so much to offer a child. A child understands that getting involved in risk-assessed activities can be a process of immense joy. Children do learn to co-relate between the pages of their text books and the places or objects that they see across nature. It also develops in them an appreciation of beauty. Visits to monuments of historical importance could lead them to be passionate about architecture and design. They learn to develop their risk taking opportunities. They do learn to share their experiences with their team members, maybe over a bon fire. They become confident as individuals and capable of leading others. The process of scientific inquiry is encouraged. This could lead to their creativity being stimulated. All outdoor learning should be carried out with a responsible team. Adults who are known for their proven skills in outdoor learning should be entrusted with this level of education. My personal opinion is that all educators must be taught about the advantages of the great outdoors and incorporate many outdoor linked activities in their lesson plans. This would ensure that our youth of tomorrow are able to tackle issues such as Global Warming and depletion of resources with confidence and innovative methodologies. Outdoor learning is certainly the need of the hour for students as much as possible.

Mr John Andrew Bagul (M.Sc. B.Ed.) is the Founder Principal of South City International School, he has completed more than 30 years in the education field in various capacities. Widely travelled, he maintains a futuristic and global approach towards education. He has established lasting ties with schools in Bangkok, in China, U.K, Australia and Barbados, U.S.A. He is an excellent orator, a philanthropist and a man with vision. His passions include teacher development and student empowerment. His endeavour to take the School to the highest echelon has been successful.



CHILD VS WILD

An introduction to the wonderful world of camping

Keeping in mind the utmost importance we give to the outdoors and the way we wish to make it a part of our daily lives, Decathlon and Trailblazers have been associated to offer outdoor enthusiasts various treks, one day outings, talks, workshops and camping experiences. We recently organized a three hour workshop for the younger age group called Child vs Wild as part of the Young Adventurer's Course. The Course is a series of workshops and outings that introduce children to the world of camping. There are 8 different levels ranging from a 3 hour workshop to a 6 day camp. Child vs Wild, the first level of the course is an indoor workshop that offers children a basic introduction to camping etiquettes. The workshop took place at the Decathlon store in Atria mall, Worli.

Every level begins with a comprehensive safety briefing. Once this was covered they were divided into different teams for further activities. Participants learned how to pack their backpack when going for an outdoor camp along with how to pitch their own tents. An interactive session was conducted by the Trailblazers team on setting up a campsite that it is safe. They were taught about different things that one needs to take care of to have a fun and safe camping experience.

Being in a Decathlon store, the participants also learned about the variety of gear available for camping and trekking. From the importance of the right shoes to the use of a trekking pole the workshop tried to encourage students to pick up the hobby of camping. At the end of the workshop students are required to fill up a log book where they note down the different things they learnt as part of the course.

The participants were awarded a badge for the completion of Level 1 also known as the White Cap level of the Young Adventurer's Course.

Camping, covers many scientific concepts and it is a great way to reiterate in children the concepts that they learn in school. Camping also helps you understand and study the geography of the land. Our continuous endeavour lies in making children develop a love for the outdoors while learning something new.

Visit our website to know more about the upcoming camps of the Young Adventurer's Course.



Children having fun with fellow campers and Trailblazers expert



Children learning to pack their bags



White Cap Level participants of the Young Adventurer's Course.



RECHARGING THE BATTERIES

The Trailblazers team takes a break from camping by camping

Human nature is such that occasionally, we need to take a break from our routine. No matter how exciting the Trailblazers routine is, we as outdoor experts decided to set off into the wilderness to strengthen our team bonds. The team packed their rucksacks and embarked on an overnight camping experience at Harishchandragad.

With our world packed into a bag we began to climb to the camping ground at the top. As the sun set over the stately Sahyadris we took a break to enjoy a refreshing glass of freshly made lemonade. As we continued the hike, we came across other groups making their way to the top. We observed how nature truly brings out the best in people, the stronger individuals are constantly helping the others to complete the hike so that everyone makes it to the top as a group. Not just this, but even within our group the load was shared between group members. Once we reached the top everyone pitched in and put up the tents. Being nature enthusiasts, we were

happy just lying on our backs and staring at the stars. Fortunately for us, there was also a meteorite shower at night which we were lucky to observe!

The next morning we made our way to Konkankada a natural marvel. High winds have eroded the mountains in such a way that it resembles the hood of a cobra. One can just sit by the cliff and think deeply about existence, which is exactly what we did. Rejuvenated and with memories unforgettable, we made our way back to the base.

No matter how busy you are all it takes is some determination and resilience to seek out time for yourself. Whether it happens through a company outing or a solo trip is up to you. As humans it is in our very DNA that we spend some time connecting with the natural elements. This is where one truly finds the motivation and the drive to improve in our routines.

Need some inspiration to go out and find your own thrill? Here are some mediums to help you!

Book – Don't Look Behind You by Peter Allison

Don't look behind you, offers a behind the scenes look at the life of a safari guide in the African Savannah. From hair raising encounters with African elephants to hilarious events with a lovestruck rhino, this is a book you won't want to put down. Allison's stories reflect the unpredictability and beauty of the natural world in a way that makes you want to book the very next plane to Botswana. One would think, to be a safari guide you would need to be a confident, well-built and a charming personality. However Allison's awkwardness and self-deprecating humour makes all his stories more relatable. What this book also does is give you an immense respect for safari guides all over the world. Don't look behind you, is definitely a must read for everyone who has or wants to experience the thrill of the wild.

Movie – The Secret Life of Walter Mitty

This movie narrates the story of an average American office worker and a daydreamer who embarks upon a wild adventure. Co-produced, directed and starring the very talented Ben Stiller, it is a story of a photo archivist Walter Mitty from Life magazine, who is worried about losing his job as the magazine moves to the online platform. He loses the negatives from a legendary photographer which was intended to be the final cover of the magazine. And thus, begins his quest to find the photographer and obtain another copy of the negative. The protagonist travels from Greenland to Iceland and then finally to the snowy mountains of Afghanistan. The cinematography is exquisite and will want to make you pack your bags and embark on an adventurous journey! It is a beautiful tale of self discovery, that inspires you to relook at your life.



ADVENTURE THERAPY

A new exciting way to tackle mental health problems



We all know the benefits of the outdoors, fresh air, copious amounts of Vitamin D to get that perfect skin glow and of course the sense of peace that you wouldn't otherwise experience in the city. Let's take a few steps back and look at how the concept of outdoor therapy evolved as a legitimate form of treatment.

In the 1800s many health institutes in the United States of America began noticing that patients that were kept in tents or in the outdoors had a better healing capacity than others. It was first seen in 1901 in Manhattan, when Tuberculosis patients were shifted into tents to isolate them from other patients. This was then known as "tent therapy" and it led to patients having better social interactions. Across the United States, institutes began adopting this line of treatment as they thought it was more holistic and therapeutic.

Around the same time an educational revolution was brewing. The educational fraternity started adopting the thoughts and views of educationists such as Kurt Hahn, Johann Pestalozzi and John Dewey, which led to the conception of experimental education. They all believed that children should actively be involved in the learning process rather than being passive

recipients. This change in philosophy was known as the Progressive Education Movement.

Together the amalgamation of both led to the emergence of what is today known as outdoor therapy. This further developed into adventure therapy. A definition that best describes it is as follows, "Adventure therapy is a mental health discipline that uses the natural environment to help individuals cope with and overcome cognitive, behavioral, social, and affective disorders. It prioritizes a therapeutic process in which goal setting; personal decision-making, accountability, and achieving outcomes are used to develop positive behaviors." Adventure Therapy is being practiced widely in the United States, Australia, New Zealand as well as some countries in Europe such as Germany, Italy and Belgium.

Known to bring about emotional healing as well as skill development, adventure or wilderness therapy is still largely a non-formal or alternate method of treatment. The basic theory behind adventure therapy is effective management of risk and stress to allow for a person to experience positive and negative consequences of their decisions. This results in an increase in self-awareness, confidence and it also gives a person an opportunity to tackle problems with a renewed mindset.

Research has shown that the occurrence of mental health disorders such as depression and anxiety is on the rise amongst the youth. This may have been brought on by adverse world events, social media and many other factors. Allowing children to experience adventure allows them to learn to push themselves and overcome their fears. It also allows for better social and communication skills. The release of serotonin during a fulfilling physical activity is what is responsible for that "feel good" feeling. Sounds of nature, encouragement from peers and receiving affirmation triggers the release of this hormone. Now we know that adventure activities in the outdoors can not only act as a preventive measurement but also a therapeutic one.

Time and again, research has continued to show that interactions with nature and being in challenging environments can help solve most of our problems. All we need to do is find the time and take that first step of confidence.

SURFING FOR THE SOUL

A Trailblazers outdoor expert recounts his surfing experience



The origin of surfing is traced back to the Polynesian islands, where it was a central part of the culture. In various communities, the chief was the most skilled surfer with the best board which was made from the best wood. For the Hawaiian people, surfing wasn't just a recreational activity, they had integrated surfing into their culture and made it more of a part of their lifestyle than anything else.

The Hawaiians back then referred to surfing as "he'e nalu" the literal meaning of which is "wave sliding." And that's exactly what it is, sliding down waves. A few weeks back, my colleague who is an avid surfer took us for a surfing day out. It was quite a task to pick up those surfboards and take them to the water, but it was worth all the effort. The excitement starts as soon as you enter the water and float on the surfboard. You begin to learn how to navigate the waves and gain control of your surfboard. And once you've experienced the joy of body-surfing, you want to take it one step further. Having gained the confidence, you are quite certain you might be able to stand up on your board and ride with it. You paddle and you wait; wait for the perfect wave for your first attempt. And there it comes with all its glory, almost as if it's challenging you. You start paddling, looking back at the wave and then the shore again, paddling as you push the water behind with your hands, as hard as you can. The wave hits, and you pick up swift pace. You gather the courage to push your body up and stand on your feet. Your eyes shifting between the shore and the board rapidly and just when you think you are almost there, the wave gets the better

of you. Only when you fall does your urge to catch the next wave become stronger. Once you keep at it there is finally that one almost cinematic moment where you manage to stand and the ocean willingly transports you and your board towards the shore.

Surfing has a certain amount of zen to it. When you are "sliding down the waves", in no way are you conquering or controlling the wave. Here, the ocean is the real catalyst and you are simply harnessing its power to your benefit. It is absolute submission to the natural state of the sea. Once you've understood this underlying principle, you're close to cracking the not so complicated sport of surfing. It has been quite a spiritual experience for me. You feel a sense of tranquility when it's just you, your board and an endless sky embracing the sea at the horizon. It is in its own way, a form of meditation; You feel exceptionally calm and patient in and outside water as you keep practicing the sport. When you catch a wave, and you are sliding to the shore with it, you feel one with nature. It's a feeling that is almost euphoric. The wave lets you ride it for not more than 10-15 seconds before it's whitewashed, these are the few seconds where the magic happens. It is in this moment where you feel absolutely in control of your body. You are active and passive at the same time, you achieve both physical and mental balance and are fully present and invested in that moment. There is a sudden adrenaline rush that you feel, still you are calm and focused. It's almost as if you are levitating as you navigate on the swell.

Surfing is irresistible once you've

tried it, it's almost addictive. Our country is blessed with numerous beaches with favorable conditions for the sport. I was surprised to see such clean beaches right in our backyard with ideal waves, especially for beginners. There are numerous health benefits of surfing which are discussed in hundreds of articles online. Some of these are strengthening of back and shoulder muscles, better core strength, and improvement in posture and so on.

Personally, it has helped me gain a better understanding of my own body. This sport has a lot to do with achieving stability and balance which has helped me have a better control over my body and mind. I've been quite composed and have started appreciating the smallest of things in my day to day life all thanks to the sport of surfing.



Surfers of Trailblazers- Trailblazers surfers took up the sport in 2016 and have ever since surfed the waves of various part of the world.

WALKING ON THE WILD SIDE

Prepare for that perfect shot, with the right wildlife photography gear

Binoculars /Monocular

A monocular can be a great choice when you have to hike to your location because they are smaller, lighter and fit easily onto your belt. If you are shooting from your car, or a safari vehicle, then a pair of binoculars will likely be a better choice. The most popular magnifications are 8X and 10X. When you're looking at specifications you'll see binoculars are always represented by two numbers. For example; 10 X 42 or 8 X 32. The first number is of course the magnification, while the second number is the size of the objective lens in millimetres.

Headlamp/torch

The majority of good wildlife photography opportunities will be early in the morning or late in the evening when the light is less harsh. This almost certainly means that you'll spend some time in the darkness, whether it be before or after your photography session. Headlamps can also be useful for photographing reptiles at night.

Telephoto lens

There's really no escaping the fact that you're going to need a relatively long lens to achieve the kind of wildlife photos you'll likely be proud of. The Canon 100-400 IS II is a popular option for enthusiasts, as is the Nikon 200-500, the Nikon 500mm PF, the Fuji 100-400 and the Sony 200-600. Tamron also has an excellent 150-600mm lens which comes in at an astonishingly cheap price for a lens that will take you all the way to 600mm.

Tripod

Hand holding longer lenses can work for birds in flight but that's about it. Many of the best wildlife photography opportunities happen early in the morning or late in the evening when light levels force you to use a very slow shutter speed. Combine this with the magnified shaking effect of longer focal lengths and a tripod is really an essential item.

Bean bag – Lens Coat Lens Sack

For places where you cannot use a tripod for e.g. in a safari jeep, bean bags come in very handy. The material in the bag helps to dampen vibrations and stabilize the lens. They can also be used when shooting from the ground. The structure is such that it also allows fluid movement of the lens.

Gimbal

A gimbal is a device that sits on top of your tripod and perfectly balances your camera and lens combination, allowing you to pan and tilt it in any direction with almost zero effort. For wildlife photography with any lens of 400mm or more this is an essential item. Ball heads are designed to be positioned and then locked for the photo, but when shooting wildlife you are often following your subject and a gimbal makes this much easier.

Camera bag capable of holding long lenses

You'll want a pretty rugged camera bag to carry your gear in, and it'll need to be able to accommodate fairly long lenses.

Long lens rain cover

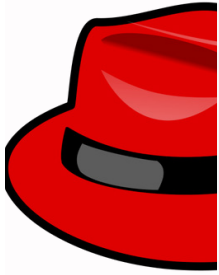
When you consider the cost of your lens, a waterproof cover for it should be a no-brainer. Since it is impossible to make any guarantees on the weather, it's an inevitability that at some point you'll be caught in the rain while trying to find, or waiting for your chosen subject

Prescription glasses (sunglasses, hat, sunblock et al)

If you wear prescription glasses, be sure to pack more than one set (in case you lose one or they get broken). You will be outdoors for much of the time, so be prepared. Pack a hat, sunblock, long sleeves, and lip balm.

Wearing clothes in layers is the most practical way to cope with fluctuating day/night temperatures and cool evenings whilst on safari. As the day warms up you can peel off another layer.

- T-shirt, shirt - long sleeves to protect from the sun and insects
- Fleece or warm jacket
- A pair of safari trousers - those that zip off at the knees are very handy, too
- Comfortable walking shoes (or boots) and socks
- Hat
- Bandanna or cotton scarf
- A light, compact raincoat if it is likely you will encounter rain



MULTIPLY THE MESSAGE

Trailblazers Foundation conducts a series of workshops on Outdoor Education for B.Ed. Teachers

Trailblazers has the experience of conducting teacher training workshops for over 25 years. Our flagship teacher training workshop 'Multiply the Message' has been successfully running for over 10 years, impacting 4500 teachers and over 2.3 million students across Maharashtra, in collaboration with Dow Chemicals. This year we conducted the workshop across B.Ed. Colleges in Mumbai, in the month of January.

Focusing on the topic of Environment and the Sustainability, this year the workshop looked at an interdisciplinary approach to the topic of Climate Change. The modules focused on how subjects such as Language and Social

issues.

Trailblazers Foundation was fortunate enough to have Dr. Sosamma Samuels, Principal; Fr. Blaise D'Souza, Manager, St. Xavier's Institute of Education; Dr. Sr. Tanuja Waghmare, Principal St. Teresa's Institute of Education; Mrs. Megha Gokhe, Principal Thakur Shyamnarayan College of Education and Research; Dr. Bhagwan Balani, Principal, Bombay Teachers' Training College and Dr. Sarla Santawani, Principal, K J Somaiya Comprehensive College of Education, Training and Research come as our guests of honour for the workshops in their respective colleges. We were also delighted to have Mr. K.S. Shetty, Chief General



Mr. K.S. Shetty, Chief General Manager, HR, Marketing Division, HPCL inaugurates the workshop at the Bombay Teacher's Training College.



Mr. Ranjan Biswas, Trustee, Trailblazers Foundation addresses the student teachers of St. Teresa's Institute of Education.

Studies can also have an underlying theme of the environment when they are being taught. Every module was one that could be done inside or outside the classroom. Trailblazers as a norm always promotes the use of the outdoors as a laboratory. This not just breaks the monotony of the classroom but has also been proven to enhance learning.

The workshops were very interactive giving the B.Ed. students time to ideate and reflect what they had learned throughout the day. The culminative activity was one where the students themselves had to design a module based on their subject of expertise and spread awareness on environmental

Manager - Human Resources, Marketing Division of Hindustan Petroleum Corporation Limited (HPCL) address the student teachers of Bombay Teachers' Training College as the chief guest. His keynote address focused on how sustainability and environment awareness is a must going forward, to ensure a flourishing planet.

Through our efforts, we were able to multiply the message of climate change and the environment to almost 250 student teachers across Mumbai. It is our dream that these 250 student teachers will be the torch bearers in making the youth of this country more involved and attuned to environment conservation and adopting eco-friendly practices to live a sustainable and environment friendly life.



Trailblazers Foundation experts show simple scientific demonstrations on climate change



Trailblazers Foundation experts explain how ecological concepts can be taught through fun games.

2,421 CAMPERS SENSITIZED
TOWARDS THE ENVIRONMENT



36,390 PAPERS SAVED BY
ENCOURAGING SCHOOLS TO
SWITCH TO ONLINE CAMP
BOOKING PROCEDURES



TRAILBLAZERS GREEN INITIATIVES

2019 - 2020



529 SAPLINGS PLANTED
ACROSS INDIA



8,280 PLASTIC
BOTTLES AVOIDED BY
ENCOURAGING USE OF
REFILLABLE BOTTLES



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