



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited A++ Grade by NAAC

Affiliated to Bengaluru North University



**CENTRE FOR ENVIRONMENT
AND SUSTAINABILITY**

NISARGA '24

VOL. 01 | APRIL 2024





St. Kuriakose Elias Chavara
Founder of CMI Congregation

"The humble man is the greatest among men"

Centre for Environment and Sustainability - CES



Email: nurturenature@kristujayanti.com



ABOUT COLLEGE

Kristu Jayanti College, established in 1999, is under the auspices of the BODHI NIKETAN TRUST, which was founded by the members of the St. Joseph Province of the Carmelites of Mary Immaculate (CMI). Dedicated to facilitating educational opportunities for young individuals to excel in life, the institution is committed to fostering academic excellence, instilling values, nurturing civic responsibility, promoting environmental consciousness, and cultivating global competencies within a vibrant learning environment.

Affiliated with Bengaluru North University, the college has been granted the prestigious ‘A++’ grade during the Third Cycle of Accreditation in 2021 by the National Assessment and Accreditation Council (NAAC). Additionally, it holds recognition from the University Grants Commission (UGC) under categories 2(f) & 12(B). Since 2013, Kristu Jayanti College has enjoyed Autonomous Status, duly acknowledged by the University Grants Commission, the Government of Karnataka, and Bangalore University.

In the National Institutional Ranking Framework (NIRF) 2023 College rankings, Kristu Jayanti College secured a position among the top 100-150 colleges nationwide, distinguishing itself as one of the premier educational institutions in Karnataka. Notably, the college was awarded the first prize at the national level for the Clean and Smart Campus Award by Shri. Dharmendra Pradhan, the Minister of Education, Government of India.

At the National level, the survey ranked the college as 4th Best in BCA, 12th Best in MSW, 20th Best in Arts, 21st Best in BBA, 22nd Best in Commerce, 28th Best in Science and Mass Communication Programmes. The College is ranked as 2nd best in MSW, 3rd best in Commerce, Arts & BCA, 4th best in Science, 6th best in Mass Communication and 7th best in BBA programmes among the colleges in Bengaluru. The institution aims to fulfil its mission of providing educational opportunities to all striving youth to triumph in life by promoting academic excellence, fostering values, creating civic responsibility, and building global competencies in a dynamic environment.



CENTRE FOR ENVIRONMENT AND SUSTAINABILITY - CES



The Centre for Environment and Sustainability (CES) of Kristu Jayanti College strives to promote awareness, social responsibility and develop green consciousness among the students to contribute to environmental preservation and enhancement within their community and campus. The Centre for Environment and Sustainability emerged from the transformation of the Environment Club, emphasizing a more professional approach in 2021. The vision of the Centre is a greener earth in which people are conscious of their environmental responsibilities and adopt the principle of reduction, reuse and recycling of natural resources.

It aims to sensitize the students on different environmental issues to maintain and restore the quality of the environment. Issues such as industrial pollution, deforestation, ozone layer depletion, and greenhouse gas emissions adversely impact both the environment and human health. Conserving biodiversity and preventing environmental pollution are essential steps toward promoting ecological balance and enabling sustainable development. Sustainability emphasizes judicious resource use and long-term planning, focusing on optimizing fossil fuel usage, waste reduction, recycling, renewable energy adoption, time efficiency, and pollution control. The Sustainable Development Goals (SDGs) spans poverty alleviation, hunger eradication, improved human well-being, and environmental preservation. These goals are the blueprint to achieve a better and more sustainable future for all.

With an emphasis on educating and empowering students, the Centre organizes diverse activities on a regular basis to engage the students in eco-friendly and sustainable projects. Few of the initiatives undertaken by the Centre includes awareness and extension activities in the neighborhood, tree plantation drives, and adoption of green practices. Organizing events, commemorating environmental days, promoting environmental care through competitions and seminars, and facilitating regular meetings for enthusiastic members are key features of the Centre's initiatives.



PRINCIPAL'S MESSAGE



I am delighted to extend my warmest greetings to each member of our college community through the pages of 'Nisarga' magazine, released by the Centre for Environment and Sustainability. As we continue to foster a culture of environmental awareness and responsibility, it is with great pride that I reflect on the commendable efforts of our college community in advocating for a sustainable future.

The Centre for Environment and Sustainability has been at the forefront of organizing impactful awareness campaigns, thought-provoking skits, and engaging discussions on various environmental topics and many more environmental activities inside as well as outside the campus. Through these initiatives, we have not only educated ourselves but also inspired others to take action towards preserving our planet.

In today's world, where environmental challenges are increasingly evident, our college's commitment to sustainability sets us apart. Whether it is reducing our carbon footprint, conserving natural resources, or promoting eco-friendly practices, each small step we take contributes significantly to the greater cause of environmental preservation.

I commend the dedication and enthusiasm of our students and faculty members who actively participate in these endeavours. Your passion for creating a greener, cleaner and healthier future is truly inspiring, and I urge each one of you to continue championing environmental stewardship in all aspects of your lives.

With warm regards,

Dr. Fr. Augustine George, CMI
Principal



VICE PRINCIPAL'S MESSAGE



With immense joy and pride, I present to you our first edition of 'Nisarga 24', the magazine from the Centre of Environment and Sustainability(CES). The Centre instigates a sense of responsibility for the environment and a personal commitment to protect and preserve the environment among the youth. The faculty along with the student volunteers are committed to raising awareness about environmental issues and to reducing environmental impact as individuals, and as citizens.

This magazine portrays a collection of articles by our Jayantians. It depicts issues related to sustainable development, creative artworks and measures to protect mother earth. I hope this magazine inspires the Jayantians to further involve themselves in nurturing the ecosystem.

I extend my sincere compliments to the Editorial Board, students and faculty of CES, who have put their mind, soul and verve into "Nisarga".

Happy Reading!

Fr. Dr. Lijo P. Thomas
Vice Principal



MESSAGE FROM DIRECTOR, STUDENT WELFARE OFFICE



Packed with insightful articles, inspiring stories, and practical tips, "Nisarga" embodies our commitment to environmental stewardship and advocacy. From spotlight features on local ecology and conservation, each page is brimming with ideas to empower and motivate us all to make a positive impact. Dive into its pages and immerse yourself in the beauty of our planet, while discovering actionable insights to protect and preserve our natural world for generations to come. "Nisarga" is not just a magazine; it's a sanctuary of inspiration where the marvels of nature intertwine with our commitment to sustainability. With each turn of the page, you'll find yourself transported to lush forests, pristine oceans, and vibrant ecosystems, reminding us of the profound connection we share with our environment. Through compelling stories, breathtaking photography, and thought-provoking articles, "Nisarga" invites you to embark on a journey of discovery, empowerment, and renewal. Together, let's embrace the beauty of nature and embark on a collective mission to nurture and protect our precious planet.

Fr. Deepu Joy
Director, Student Welfare Office



MESSAGE FROM DEAN, FACULTY OF SCIENCES



It gives me immense pleasure to announce the release of the inaugural issue of 'Nisarga' – the magazine being brought out by the Centre for Environment and Sustainability of Kristu Jayanti College. This marks a significant milestone in our journey together towards fostering environmental consciousness and activism within our academic community.

I extend my heartfelt congratulations to all the students who have dedicated their time and effort to contribute insightful articles and captivating illustrations. Your contributions are not only commendable but also instrumental in igniting a passion for environmental stewardship among our readers.

A special recognition is due to the dedicated staff and student team of editors who have worked tirelessly behind the scenes to bring this publication to fruition. Your dedication and commitment are truly appreciated, and it is evident that your hard work has resulted in a high-quality publication that will undoubtedly make a positive impact on its readers.

With the release of the first issue of Nisarga, let us continue to support and encourage each other in our endeavours to protect and preserve our planet for future generations.

Dr. Calistus Jude A.L.
Dean, Faculty of Sciences



CO-ORDINATOR'S TAKE



Presenting a lucid insight into the portals of the Centre for Environment and Sustainability (CES) is 'Nisarga', the treasured and maiden magazine. With Kristu Jayanti College embarking on its Silver Jubilee year, we feel it is the right time for the Centre for Environment and Sustainability to bring forth its magazine.

Since its inception, the CES has strived to create and nourish a strong bond with environmental matters.

The Centre has undertaken several initiatives that emphasise sustainable and effective management of resources. Awareness activities in the neighbourhood, invited expert lectures, documenting the campus flora, providing a home for birds, cocopeat production, and terrace gardening are few of the initiatives undertaken by the Centre towards the conservation of biodiversity and natural resource management. We are proud to list our engagements and achievements.

The magazine provides a platform for all to pen down articles and share their experiences with nature and the ecosystem at large. It is also an effort to appreciate the momentous contribution of Management, faculty and students who made this volume a reality.

I hope this magazine portrays the CES in all its eternity and enlightens the readers with valuable information.

Dr. Indira M.N.

Coordinator

Centre for Environment and Sustainability (CES)



CO-ORDINATOR'S TAKE



‘The poetry of earth is never dead’. Nisarga ’24 a lookbook of nature’s magazine is now out from the Centre for Environment and Sustainability. We excel and focus on sustainable development and a supportive environment in which innovative thought and creativity are strongly encouraged, and where diverse groups of students and staff can flourish. CES offers eco-friendly extension services, awareness activities and sustainability goals in multi-disciplinary domains. We honour down to Earth for our outstanding contributions towards our green initiatives and the attainments we reached. This magazine showcases the collective student scripts about wild nature and its services. On this forum, we honour the support of Management, Faculty and Jayantians who contributed to our first release of Nisarga’24 during this memorable Silver Jubilee year. I wish the entries of this compilation surely culture the value of mother nature to the bibliophile.

Dr. Sivagamasundari
Coordinator
Centre for Environment and Sustainability (CES)



EDITORIAL TEAM



As we embrace the beauty of spring and the renewal it brings to our environment, we're thrilled to present our first issue "Nisarga " dedicated to sustainability, conservation, and the wonders of our planet. Within these pages, you'll not only discover insightful articles, captivating stories, and thought-provoking interviews but also immerse yourself in a journey of enlightenment and empowerment.

Our team has meticulously curated content that not only sheds light on the pressing issues facing our environment today but also offers tangible solutions and actionable insights. Dive into the depths of innovative technologies harnessing renewable energy, explore the symbiotic relationship between indigenous wisdom and modern conservation practices, and witness the resilience of ecosystems facing unprecedented challenges.

Moreover, beyond the realm of facts and figures, you'll encounter narratives that touch the soul and ignite the spirit of activism. From the stirring accounts of individuals fighting to protect endangered species to the triumphs of community-led initiatives restoring degraded habitats, each story serves as a testament to the power of collective action and the indomitable human spirit.

Join us as we embark on a journey of discovery and transformation, celebrating the beauty of our planet while confronting the urgent need for change. Together, let us harness the power of knowledge, compassion, and collaboration to shape a more sustainable and equitable future for all life on Earth.



EDITORIAL BOARD

Staff Editors:

Dr. Ruth Magdalene T, Department of English
Ms. Tulika, Department of Media Studies
Dr. Indira M N, Department of Life Sciences

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Ms. Rishika Bhattacharya, II Year, Department of Life Science
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Ms. Sangili Keerthi, III Year Department of Life Science
Ms. Saswati Sahu, I Year, Department of Commerce
Mr. Swastik Basu, III Year, Department of Life Science
Ms. Tanvi Loharuka, II Year, Department of Life Science

Student Photographer:

Mr. Alan Kinad, I Year, Department of Life Science



CENTRE FOR ENVIRONMENT AND SUSTAINABILITY (CES)

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Dr. Sivagama Sundari, Department of Life Sciences

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Student Coordinators:

Mr. Swastik Basu, III Year BSc. MBGE Department of Life Sciences
Ms. Sangili Keerthi, III Year BSc. BTBO Department of Life Sciences



TENTEN CON

WHISPERS OF NATURE ARTICLES

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Zero Waste Living

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Railway Men: From Rails to Reverence



NATURE'S POETIC HARMONY

Fading Green

Nature: A Great Beauty

She... Who is a Woman

I saw them Long Gone

The Cocoa Iris

Dandelion

Rain

A Poem on Rose

Prelude to Solace

Nature and the Smartest Creature

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Naturestic Love

What if God says No?

Petals of Time

A Lonely Tree

A Testament to Hope

Whispers from the Night Sky

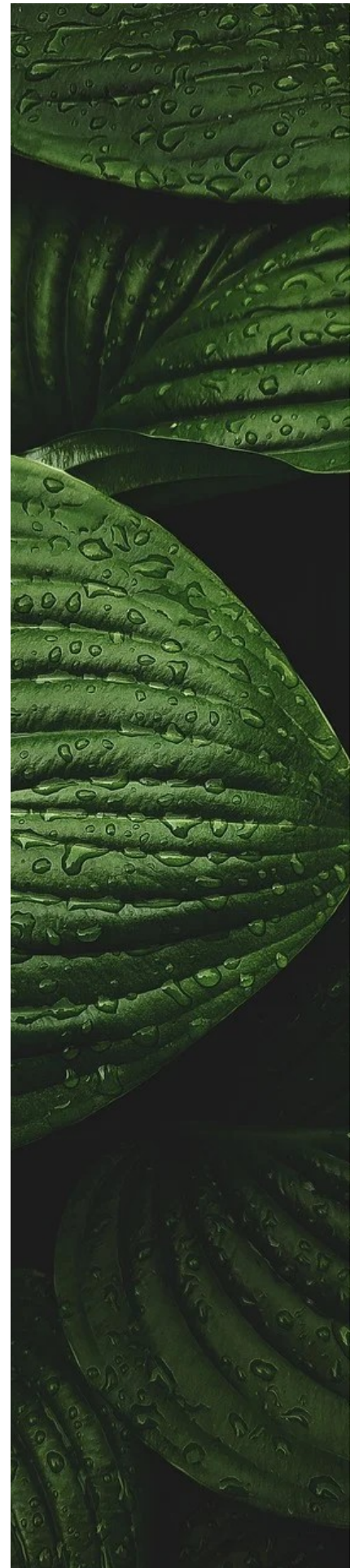
Nature's Divinity

NATURE'S LENS & BRUSH STROKES

CLUB ACTIVITIES

UNDER THE CANOPY CHALLENGE

KRISTU JAYANTI COLLEGE CAMPUS



The background of the entire image is a photograph of a bright blue sky filled with soft, white, puffy clouds. A strong sunburst or lens flare effect emanates from the upper left, creating a diagonal path of light across the sky. The overall mood is serene and expansive.

WHISPERS OF NATURE

“To the eyes of the man of imagination, nature is
imagination itself.”

—William Blake

The City of Deceased Lakes

K V Thanmay Belliappa – 23IBFA24

Bangalore, which was once renowned as the “Green City of India,” is now grappling with various environmental challenges, most notably the decline of its once-abundant lakes. During the 1960s, Bangalore used to have about 282 lakes, which have been reduced to a mere 81 lakes, of which only 34 are considered living lakes. Those once-vibrant bodies of water have either completely disappeared or turned into drainage systems or have been chipped away to build infrastructure due to uncontrolled urbanisation and the dumping of waste. What was once known as the “city of a thousand lakes,” with its numerous natural and man-made water bodies, has now transformed into a concrete jungle, leaving behind only memories of its aquatic heritage.

Water has always been an integral part of Bangalore’s identity. The city’s founding was closely tied to the presence of abundant water resources, which contributed to its pleasant climate, fertile land, and abundant flora and fauna. However, over the years, the city’s lakes have gradually dwindled in number and quality, mirroring the city’s unchecked growth and lack of environmental consciousness.



One of the most prominent examples of this transformation is the iconic Bellandur Lake, once considered the largest freshwater lake in Bangalore. Today, it has become synonymous with environmental degradation and pollution. The lake, once a sanctuary for migratory birds and a recreational hub for locals, is now infamous for its toxic foam and noxious fumes that blanket its surface. Untreated sewage, industrial waste, unregulated encroachments, and rampant dumping have severely impacted the ecosystem, leading to the death of countless species and the loss of the lake’s original charm.

Similarly, Ulsoor Lake, another historical water body in Bangalore, has endured a similar fate. Once a scenic spot with boating facilities and lush greenery, it now suffers from severe encroachments and pollution.

The encroachment of its catchment area combined with indiscriminate industrial discharges and sewage inflow has rendered the lake a shadow of its former self, devoid of the biodiversity it once supported. The images of garbage strewn across the lake's banks and the putrid smell that wafts through the air serve as a stark reminder of the city's disregard for its natural resources.

The gradual disappearance of lakes in Bangalore has not only impacted the city's environment, but also the lives of its residents. With the depletion of the groundwater table, the city now heavily relies on water sources located far beyond its borders. This dependence not only strains these external sources but also adds to the carbon footprint due to long-distance transportation. Moreover, the loss of lakes has disrupted the microclimate of the city, leading to rising temperatures and increased pollution levels, affecting the overall well-being of its citizens.

Efforts have been made to revive some of these dead lakes, such as the rejuvenation of Puttenahalli Lake and Kaikondrahalli Lake. These initiatives have not only restored the water bodies but also transformed them into vibrant eco spaces, attracting diverse flora and fauna and serving as recreational areas for the local communities. However, these efforts are small-scale in comparison to the magnitude of the problem and require more extensive involvement from both the government and the public.

The city of Deceased Lakes is a cautionary tale for all urban spaces grappling with issues of rapid urbanization and environmental degradation. The transformation of Bangalore's once thriving lakes into polluted cesspools should serve as a wake-up call to other cities on the verge of experiencing a similar fate. Policymakers, urban planners, and citizens must recognize the importance of water bodies and work collectively towards preserving and rejuvenating them.

In conclusion, Bangalore, once known as the "city of a thousand lakes," has now become the city of deceased lakes. Rapid urbanization and unchecked growth have gradually led to the degradation and disappearance of numerous water bodies leaving behind polluted and neglected remnants of once vibrant ecosystems. The haunting images of Bellandur Lake and Ulsoor Lake serve as reminders of the urgent need for proactive conservation and restoration efforts to preserve Bangalore's remaining lakes. It is high time the city awakens to the urgency and responsibility of preserving its natural heritage before it completely fades away into the pages of history.



Cultivating Wellness: The Medicinal Garden at Kristu Jayanti College

Mithun – 21BOBT13

Nestled within the lush green campus of Kristu Jayanti College in Bengaluru lies a hidden gem – the medicinal garden. Encompassing over 40% of the college's green cover, this garden is a vibrant tapestry of nature's bounty, boasting more than 243 species of plants renowned for their medicinal properties. What sets this garden apart is not just its sheer diversity, but the innovative approach taken to educate and engage students in the realm of botanical science and holistic health.

At the heart of this initiative is the concerted effort of both students and faculty members from the Life Science Department and the Centre for Environment and Sustainability. With unwavering support from the college management, they have transformed a mere patch of land into a thriving sanctuary of healing herbs and plants. Each plant in the garden is adorned with a unique QR code, a digital gateway to a wealth of information encompassing its scientific name, morphology, phytochemical properties, and medicinal uses. This integration of technology with traditional botanical knowledge serves as a testament to the college's commitment to holistic education and environmental stewardship.



The involvement of students in the maintenance and development of the medicinal garden is pivotal to its success. From planting seeds to nurturing saplings, they play an active role in every stage of the garden's growth. Moreover, students are actively engaged in projects focusing on medicinal plants, conducting research, and exploring innovative applications in herbal medicine. This hands-on approach not only enriches their academic experience but also fosters a deeper connection with nature and a profound appreciation for the healing power of plants. One notable endeavour undertaken by the students is the production of Cocopeat, a sustainable alternative to traditional soil, which serves as the nurturing medium for the medicinal garden.



Through this initiative, students not only contribute to the environmental sustainability of the garden but also gain practical insights into organic farming and waste management practices.



Fr. Dr. Augustine George, the Principal of Kristu Jayanti College, envisions the medicinal garden as more than just a botanical marvel; it is a living testament to the college's ethos of holistic education and social responsibility. He believes that initiatives like these are instrumental in raising awareness among the youth about the intrinsic value of plants and their medicinal virtues. By instilling a sense of reverence for nature, the college hopes to inspire future generations to become stewards of the environment and champions of wellness.

The medicinal garden at Kristu Jayanti College stands as a beacon of hope and enlightenment, a sanctuary where science and nature converge to promote health and healing. It embodies the transformative power of education and community engagement, nurturing not only plants but also minds and spirits. As the vibrant foliage flourishes and the QR codes beckon curious minds, the garden serves as a testament to the timeless wisdom of the natural world and the boundless potential of human ingenuity.

The Symphony of Nature: A Journey Through Mountains and Minds

Elbin Rajive – 21BOBT07

Nature, in its vastness and intricate dance of life, has always held a powerful allure for humankind. It whispers through rustling leaves, roars in crashing waves, and paints the sky with vibrant hues. It's a symphony of experiences, a canvas for exploration, and a mirror reflecting our own existence. Today, let us embark on a journey through two facets of this enchanting realm: the exhilarating challenge of trekking and the awe-inspiring diversity of wildlife.

Trekking, with its rhythmic steps on rugged terrain, is an intimate conversation with the earth. Each climb is a conquest, not just of the physical peak, but of our own limitations. The air thins, the muscles scream, but the reward awaits – a breath-taking panorama unfolds before us. We stand humbled, dwarfed by the majesty of the mountains, yet invigorated by the connection forged with nature. In that moment, we are part of something bigger, a single note in the grand symphony of life.

Lonavala, nestled amidst the Sahyadri Mountains of Maharashtra, is was one of the best spots. In India where my trekking, climbing and hiking skills are put to extreme tests. It's a popular hill station known for its scenic beauty and pleasant climate. Beyond its tourist attractions, however, lies a hidden gem – Harihar Fort, beckoning adventurous souls with its challenging trek and rich history.

Lonavala, with its cascading waterfalls, lush greenery, and breath-taking views, offers a welcome respite from urban chaos. The gentle breeze whispers through the valleys, carrying the sweet aroma of monsoon showers or the earthy fragrance of winter evenings. Echo Point, with its mesmerizing phenomenon of echoing even the faintest whisper, adds a touch of magic to the journey. For the more adventurous, trekking through Tiger's Leap, a narrow path overlooking a steep gorge, provides a thrill unlike any other. However, the true adventure lies in scaling the majestic Harihar Fort. Located near Lonavala, this ancient fort, also known as Harshagad, stands tall on a triangular rock face, offering a challenging yet rewarding trek. The initial path winds through verdant forests, gradually revealing the imposing silhouette of the fort.



The ascent then becomes a test of endurance, with narrow trails and steep inclines leading to the rock-cut steps. These steps, carved centuries ago, are a testament to the ingenuity of the builders and present a unique challenge to even seasoned trekkers. Reaching the summit is a moment of pure triumph. The panoramic vistas spread before you take your breath away – rolling hills, shimmering lakes, and distant villages nestled amidst the greenery. The fort itself, with its ruined structures, whispering tales of its past battles and rulers, adds an element of historical intrigue. Exploring the remnants of cisterns, bastions, and caves allows you to imagine the lives of those who once called this place home.

But nature's beauty lies not just in the vast, but also in the minute. Wildlife, in its myriad forms, is a testament to the wondrous possibilities of evolution. From the majestic tiger patrolling its jungle domain to the iridescent hummingbird flitting between flowers, each creature plays a vital role in the intricate web of life. Observing their behaviours, understanding their adaptations, is a humbling experience. It reminds us that we are not the sole inhabitants of this planet, but merely one thread in the tapestry woven by nature.

The place where I adore the most to be indulged with wildlife including the apex predators is Nestled among the Aravalli hills, Ranthambore National Park, a tapestry of history and wilderness. Named after the majestic Ranthambore Fort that stands sentinel within its borders, lush dry deciduous forests and open meadows provide a haven for tigers, leopards, sloth bears, and very unique bird species. Beyond its famed tigers, Ranthambore offers a glimpse into the past. The ancient fort, adorned with temples, whispers tales of bygone eras. This unique blend of nature, history, and wildlife makes Ranthambore a captivating jewel in India's crown. There were different points in my life where I pondered the source of my deep love for nature, wildlife, camping, and trekking. The revelation dawned on me when I realized I was fortunate to be a Malayali, hailing from a land aptly christened "God's Own Country" – Kerala. This title, with its resounding brand value, attracts over 1.2 million international tourists annually.

From the misty hills of Vagamon, Ponmudi, Munnar, and Wayanad, nestled in the embrace of The Western Ghats, to the serene backwaters of Alleppey, unique in the world, Kerala boasts an unparalleled tapestry of natural wonders. Its sun-kissed beaches, like Varkala, Kovalam, and Fort Kochi, lap against the Arabian Sea, while silent valleys like the Silent Valley and biosphere reserves like the Nilgiri Hills and Vembanad-Kol wetlands stand as testaments to its rich biodiversity, recognized internationally.

Growing up amidst this magnificence, I experienced the glory of this land. With each sunrise, the wanderlust for nature blooms deeper within me. Childhood memories are etched with the scent of damp earth after monsoon rains, the exhilaration of climbing mango trees, and the thrill of spotting fireflies dancing in the twilight. Kerala wasn't just a place; it was a nurturing cradle, fostering my love for the natural world.

Even if I leave Kerala one day, I will be carrying within me the echoes of its natural beauty, the warmth of its people, and the serenity of its experiences. It is a place that not only satiates the wanderlust inside me but also nourishes my soul.



Bonsai - Traditional art of Cultivation

Dr. Indira M.N

Bonsai is the art of cultivating small trees or shrubs in containers to mimic the shape and scale of full-sized trees. They appear even prettier than those growing in the wild.

Originating in China over a thousand years ago, it later spread to Japan where it became highly refined and popularized. The word "bonsai" itself comes from the Japanese words "bon" meaning tray and "sai" meaning to plant. It is also regarded as an artistic and traditional part of Japan's culture and is nurtured by the people for their love for nature.

There are numerous styles of bonsai. They can be pruned and shaped as per one's choice. Bonsai involves careful pruning, wiring, and shaping of the plant to create a miniature representation of a natural tree in a confined space. It requires patience, skill, and an understanding of horticulture to maintain the health and aesthetics of the tree.

Bonsai trees are often grown outdoors, but they can also be cultivated indoors, provided they receive adequate light and care. They come in various styles, each representing a different aspect of nature such as formal upright, informal upright, slanting, cascade, and semi-cascade, among others. Common plants that can be miniaturized and give an aesthetic look are Pinus, Ficus, Pomegranate, Bougainvillea, Cupressus, Citrus etc.

Beyond being a hobby, bonsai is often seen as a meditative practice, as it requires concentration and mindfulness while working with the tree. They need to be nurtured well. Bonsai trees are also valued for their beauty, symbolism, and the sense of tranquillity they can bring to a space.



Welcome our hot new friend 'Global Warming'

Jyothi Prakash V - 23JOEN09



Recently, a study conducted by the European Climate Agency noted that 2023 was the hottest year yet, closely approaching the prescribed target of 1.5 degrees Celsius. However, amidst trivial debates, our planet is deteriorating rapidly. The study is critical not just because the global heat record was broken in 2023 but because it is predicted to be surpassed within a month.

Human beings are cutthroat, adding a planet-destructive entry to the Guinness Book of World Records. This isn't just sad news; consider the increased droughts in parts of Brazil in 2023, pushing the Amazon rainforests toward a catastrophic phase. El Nino-induced droughts, coupled with years of deforestation and forest fires, have left the Amazon struggling to regenerate.

Despite residing on the same planet, many adopt a delusional attitude, thinking, "Another continent, not my problem." Global warming is not a story for tomorrow; it's happening now. While its effects may be projected for the distant future, we can't say the same about our pace of resource exploitation.

Bill Gates emphasized that afforestation isn't the solution; instead, we must understand that existing trees are the product of centuries of sustenance. We can't spawn a forest in 10 years to improve air quality; we need to save existing trees. Promote refraining from deforestation, not increasing afforestation, for a sustainable solution.

To selfish humans, boycott the production of unsustainable products draining our natural resources. Boycott leaders prioritize first-world problems over real environmental challenges. This isn't just for future generations but for yourself. In 2023, an Arizona heatwave effortlessly claimed over 425 lives, emphasizing the urgency of action. Our planet will be in its most vulnerable state in 2024, easily susceptible to any phenomenon. Take action now; the clock is ticking.

Rooted in Stories

Rishika Bhattacharya - 22BOBT13

The squirrel appeared on the right branch and went down swiftly. I could still see it. It looked left then right. Was it finding someone? Maybe, or maybe not? Again, after a brief moment of disappearance, it swiftly ran back towards the tree and there it climbed up and went on to the other branch. There was something in its hands. What exactly -----

My trail of thoughts was broken with a piercing pain in my ears, and I turned to find my biology teacher pulling my ears out and my classmates laughing their hearts out.

“Yes Madam, what so interesting is going on out there that I had the misfortune of losing your attention, dear?”

I often used to look out that grilled window towards the huge banyan tree in the junior courtyard whenever I was fortunate enough to sit on the last bench of the class. The squirrel came every day, in particular, I knew its timings on Thursday. Every Thursday during Biology class if you glance out of that window you get to see it.

It was small but the tree was huge, but again my eyes were really good so I could locate it wherever it went within the radius of the window. That tree was there from the time I joined school. Earlier when I was in my smaller classes, we used to play in the junior courtyard itself, in front of the tree, around the tree. When we grew up, we started playing on the field instead, and when we grew older, we stopped playing at all.

That tree was haunted, Riddhi had said. Oindrila, Tanica, and Atreyee, all said on the first day I joined the school, that that tree was haunted, and hence, no one was allowed to go near it at night. We didn't have school at night, so there was no proof of it.

They said dead bodies were there below that tree.

When we came to class 8 and I got the chance to see the tree from that grilled window, I realised that maybe there was some truth to the fact that the tree was haunted. It had such mesmerizing power. I remember watching The Squirrel and the Tree that Friday when our Hindi teacher was absent.

The watchman had said that the tree was older than him too. One day when Mrs Prashanth was absent, I had the chance to go and sit near the window during Maths hour. The squirrel came then, but I couldn't do that every day, because Mrs. Prashanth is someone I wouldn't like to annoy. She'll make sure my soul leaves my body till she finishes her scolding.

I remember during sports time, Riddhi and I used to run away from the march past and go and sit in the junior courtyard under that tree. Everyone would be practising sports on the field, so the courtyard would lie empty.



There used to be so many fallen leaves in the courtyard. The non-teaching staff used to clean them, but my friends and I always liked it that way, with all those leaves rustling when the wind swished away.

The courtyard was an open one, but it was always shady, because of the tree, it was huge. I wonder maybe there would have been more than one squirrel on that tree, then does it mean I saw a different one each time?

There was this black and white coloured bird also with a blue beak, yes blue it was, it used to come every afternoon. Sometimes when the school used to get over while crossing the junior courtyard, I used to see all those birds there.

When we used to come on Saturdays for some project work or maybe some competition and if we were early, we used to sit there, under the tree, until we had to go.

I became the most senior in school as time passed. I was in 12th, and I remember during the break my teacher had duty in the junior courtyard, and I went to speak with her, and when I said about the squirrel on the tree, she said that when she used to be a student the tree was still there, the same way as it is now.

She had been teaching here for almost 20 years then, after her student life at the school. The tree was really old, very old.

Now I am a college student. Every holiday I go back to school once, at least once. Last year when I visited the school the tree was not there. I and my friends were all shocked. We asked our teachers, and they said the new principal had removed it. It was a threat to students' safety now. It might break during the monsoons.

Was it? Wasn't that a threat forever there?

What happened to that squirrel?

The window is still there, where it was 11 years back when I first joined my school, but that student on the last bench, who is now bored in her geography class, or maybe chemistry class, or maybe biology class, can't see the squirrel or the bird anymore.

The juniors who still play in this courtyard now play under the sun, and because of that maybe they don't even play. They don't have a tree to run around or hide behind.

The courtyard is clean now, that's why whenever I visit the school, I avoid it. It doesn't match the wonderful childhood I spent under the tree.

The tree is gone, and the stories are too.



The Language of Silence

Tarun Kumar M - 22BTBC28

What is Nature?

If you ask this question to every individual, they'll answer according to their perspective. So, this is my point of view.

Nature is not only something which is green, it is everywhere, even within us, based on that only we humans judge everything. To understand this, you should see the world through my eyes. Let me take you to my world.

Quietness:

December 2021:

It all started when someone said to me to take a walk at night to overcome my low patience level, so I started walking on my terrace after dinner. I'm not a phone person so I didn't take my phone with me, so I stared at the things around me. There is a chandra and few stars. At first, nothing, but slowly I stared more deeply, this made me understand what it is like being speechless, the chandradeva, those stars and the chill wind and the silence. I don't know how many of us look at the sky every day, I mean we see it while passing or so, but how many of us take some time to admire it every single day?

Those were some lonely moments and I often like to self-talk. And now I eventually started to talk with the chandradeva and those stars as if we knew each other for a long time. Slowly I shared everything, my daily activities, my decisions, I smiled with them, I cried with them, I get angry at them as well(if the chandradeva doesn't show up – waxing), one day I couldn't go to terrace and I went the next night and it was cloudy, I couldn't see anything, so I assumed they were angry on me and sulking at me so I asked them why are you hiding behind the clouds, I know it sounds crazy, but it is better comparatively. It became a daily habit to spend time on my terrace. To be honest I generally liked silence for some reason. Now the Breeze and a melodious song in my mind and me forgetting everything, it's a different feel. Sometimes I stay when it drizzles, I want to stay when it rains as well but my mom would not let me in.

Now let me introduce you to my mini garden made of mud pots, which I planted and never watered. But I started to take care of them. This is my favourite spot on the terrace where I sit most of the time. I talk to them too. Okay now I'm not just talking alone, to my excitement they reply back, mostly I tell them two of my decisions and expect them to reply, how? Now comes the wind, cosy, it depends on how the breeze is. I sometimes ask plants if yes, then reply, so if they agree they shake themselves with the help of wind and vice versa if they don't agree. Some nights were so freezing and lonely, but I liked it for some reason, so I stayed. And I would come back after a while and sleep, I slept like an infant.



January 2022:

Since I saw how beautiful a day can end now, I wanted to know how my day would start. I set the alarm for 6 but got up at 6:30(my mom woke me up because my alarm was 6AM, 6:05AM, 6:10AM, etc, so this woke up everyone except me). Later I'm used to waking up early. Now I'm not exaggerating, but oh my heavens, the rise, the first light, now I'll describe how I see surya bhagawan rise from my locality, it's important, there's a huge, huge sacred fig tree exact opposite with 230m away from my home, it would be nearly 6:30 – 6:35, the surya bhagawan peeks from behind the tree, as if the surya bhagawan and chandradeva are playing hide and seek and after the chandradeva goes the surya bhagawan comes out, it's so beautiful golden yellow with orange tint, and the birds, it's as if I'm seeing for the first time, the parrots, pigeons, crows and the garudas. Later I planted fenugreek seeds and I used them for my chicken butter masala. I would wake up and fill a bucket of water and take water to my plants. I first wish surya bhagavan and start with my day.

January 2023:

Now this terrace is my adda, my chandradeva and surya bhagavan, my stars, my plants, my wind, they all are mine. More than humans, these things know me well. Today I depend on them on how my day begins and ends, gloomy sky-gloomy me, bright sky-bright me. For some reason I like the sky and things which I see on them - My friend said the sky is full of big and stars in Ukraine (makes me envious) I was about to do my MBBS there but gracefully I'm here. But soon I'll go on a journey and discover more beautiful things to make him back jealous.

I noticed the chandradeva changing daily, but I noticed it is the same which I saw yesterday but in a different form, sometimes in different colour, sometimes it was not there completely, but it doesn't mean it's not existing. Naked eyes can't look directly at surya bhagawan, but during dawn and dusk, I can see it's beautiful round red shape, with birds flying around, this scene makes me awestruck.

These taught many things but I can't write 2 years of experience in mere words, perhaps this is what they say some things cannot be explained. This somehow changed some things in my life, the way I look at things and the way I think, and what not. At present I daily spend some time alone avoiding this chaotic world either running away from reality or wanting to experience new. But being lonely let me discover myself more and more.

We think we know us, but we simply don't.

If we think patiently, it's always the nature in our surroundings. I'm sure I'm not the same person that I was 2 years ago. At the end, I don't know whether I answered my own question, but I tried.

(tip which I learnt: We shouldn't try to know the reason why we like something, because if you know the reason then you'll not like it anymore.)



Exploring the Concept of Green Buildings

Shivani – 21BOBT22

We are on the brink of an environmental crisis, so adopting sustainable practices has never been more urgent. Amidst the cacophony of climate change and dwindling resources, one beacon of hope shines - the concept of green buildings. As a final-year botany student with a deep passion for environmental conservation, I am compelled to explore the importance of green buildings and their central role in shaping a sustainable future.

At its core, a green building is more than just a structure; it is a paradigm shift in architectural design and construction that aims to minimise environmental impact and maximise resource efficiency. From energy-efficient lighting to environmentally friendly materials, every part of green buildings is carefully designed to reduce carbon footprint and promote ecological harmony.

One of the main characteristics of green buildings is the emphasis on energy efficiency. Using technologies such as solar panels, wind turbines, and passive heating and cooling systems, these buildings use renewable energy sources to meet their energy needs. Thanks to this, they not only reduce dependence on fossil fuels but also lower operating costs in the long term. In addition, green buildings prioritise water conservation through innovative strategies such as rainwater harvesting, greywater recycling and low-flow water pipes.

By reducing water consumption, they reduce pressure on dwindling fresh water supplies and reduce the risk of water shortages in urban areas.

But perhaps the most exciting aspect of green buildings is their integration with nature. From green roofs adorned with native vegetation to gardens that descend vertically along the facade, these buildings blur the boundaries between indoor and outdoor spaces, fostering a symbiotic relationship with nature.

As a botanist, I am particularly attracted to the role of plants in cleaning indoor air, reducing carbon dioxide concentration and improving the well-being of residents. However, the journey to sustainable architecture is not without challenges.

Although the benefits of green buildings are undeniable, their widespread adoption requires a paradigm shift in thinking and practice throughout the construction industry. From architects and engineers to developers and policy makers, a concerted effort is needed to overcome obstacles such as high upfront costs, ignorance and regulatory constraints.





As future leaders and environmentalists, this must be done. we young people support sustainability in all areas of our lives. Whether through advocacy, activism or personal choices, each of us has a role to play in creating a greener and more sustainable world. By embracing the principles of green buildings and promoting their widespread adoption, we can pave the way to a brighter and more sustainable future for future generations. Finally, green buildings represent hope in our quest for a sustainable future. As a final year botany student, I was inspired by their harmonious integration of nature and technology, their commitment to resource efficiency and their ability to mitigate the effects of climate change. As we embark on a journey towards sustainability, let us embrace the principles of green building and pave the way to a greener and healthier planet..

Parallels

Balaji Prasanna K – 22BTGE17

Every story has a parallel story. Everything that is happening in the world is interconnected like the butterfly effect. This is a story in which the butterfly effect can make someone bad & good.

There was a beautiful village in Tamil Nadu, and it was a beautiful harvest month. The total farm was green. Many green things start from small grass to long coconut trees. This farm was maintained by an organic farmer named “Tamizh”. He never used any insecticide or pesticide on his farm. He prefers everything to be very organic. He was seeing good yield & enjoying his life.

Nearby that village, another beautiful village. Another green place was maintained by a farmer named “Shiva”. His character was completely different from Tamizh's. Shiva used to use all inorganic pesticides & insecticides on his farm and saw a good yield and enjoyed his own life.

In January, both the farmers were ready for harvesting. But at that time, a horrible thing happened & that was a locust attack. As Tamizh never used any pesticides or insecticides on his crops, the grasshoppers destroyed all his crops. The place was washed out. Tamizh cried like a newborn baby because of this huge loss.

At the same time, the grasshoppers also went to attack Shiva's farm. But the grasshoppers, which ate the crops from Shiva, died & most of them left the crops as it is & flew away!

After this incident, Shiva did the harvest & sent the crops to the market. Before the locust attack, Tamizh used to send his products, but this year he didn't send as his farm was completely collapsed. No bank was ready to believe him anymore as his farm got totally destroyed because of his organic farming. So, he borrowed money from many & buried the seed inside the soil for next year. But this time, Tamizh used all kinds of inorganic insecticides and pesticides. Both Tamizh & Shiva harvested, sent their goods to market and got good money.

After 5 years, Tamizh & Shiva went to the same hospital unexpectedly. There, both of them entered the floor, where many children were lying in bed. While they ask about this to the doctor over there, he told them, this happened because of the food that they are consuming regularly.



In older days, only junk foods were dangerous to health, but nowadays, everything is dangerous. From rice to fruits & vegetables, whatever we are consuming, everything is unhealthy to our body. Farmers are using inorganic insecticides & pesticides in rice & wheat. Using injections on vegetables & fruits. We are told that doctors, politicians, and policemen are not only jobs, they are also services, but we are never told. That farming is also a service, not a job. At least, we will convey it to our next generation. The doctor told all this and went.

Both Tamizh & Shiva went to their home & cried like a child because of guilt. Both promised to themselves that, whatever they can lose in their life, they won't add any inorganic insecticides, pesticides or injections in their farm.

So, let us tell our future generation to make them remember that farming & agriculture is not a job, it's a service.



Embracing the Wilderness

Tanvi Loharuka - 22BTBC27

On 13th January 2024 embarking on a journey to reconnect with nature, the Centre for Environment and Sustainability organised a nature walk at the Jarakabande Kaval forest located in Yelahanka, Bengaluru that transported participants from the hustle and bustle of campus life into the serene embrace of the outdoors.

The crisp morning air welcomed us as we gathered at the meeting point, and the journey to the forest was filled with anticipation. Finally reaching our destination, excitement coursed through me as I got ready to step into the forest.

The forest teemed with diverse flora, such as eucalyptus trees, tamarind trees, and agave, while various fauna, including termite mounds and numerous species of birds, reptiles, and insects, added to its rich biodiversity.

Each step seemed to peel away the layers of stress, leaving me immersed in the simple joy of being surrounded by nature.

Our teachers shared valuable knowledge about the flora and fauna, providing an enlightening experience that expanded my knowledge of the nature. Seeing bits of plastic and waste material in the forest served as a powerful reminder that our actions, no matter how small, contribute to the broader picture of environmental conservation.



The journey concluded with photographs and a group discussion where participants shared their reflections on the experience. The overwhelming sentiment was a newfound appreciation for the environment and a heightened awareness of the need for collective efforts in its preservation.

In the end, the nature walk wasn't just a stroll through the woods; it was transformative. Experience that left a mark on everyone.

Hellscapes

Johann Paul Joseph - 23MBGE25

“The Gods gave us fire, but blowing stuff up, that was our idea.” ~ Stuart Brown

Since the dawn of time, war has always been a constant companion for mankind. From the primitive battles of cavemen to the Crusades of the Middle Ages to the fearsome World Wars, the conflict has arisen time and time again, and it will likely continue to do so for as long as we humans exist. But war always comes at a cost. A price must be paid, and this debt is reflected in the loss of our economies, the loss of precious human lives, and the loss of the sanctity of the planet we call home.

Of all human activities, war has always been the one that has harmed the environment the most. Entire ecosystems have collapsed, vast forests have been razed, and hundreds of acres of land have been left as barren wastelands. The olden days saw us use scorched earth techniques to burn down all things green and kill anything alive so that the enemy could not use them. Less than a hundred years ago, both World Wars saw the use of chemical weaponry that left acres devastated. And today, the threat of nuclear annihilation hangs over us all, like the mythical sword of Damocles. Our fangs have only grown sharper with time, and the wounds they make are harder to heal.

To understand the potential for destruction of the environment that warfare poses, one needs to look no further than the Vietnam War. What was expected to be an easy victory for the United States instead became a heavy drain on resources as the Vietnamese people used guerilla tactics to stall US forces. Frustrated by their lack of progress, the leadership of the United States decided to approve the use of deadly chemicals in Vietnam, such as the dreaded Agent Orange, a potent neurotoxin. Not only did this cause horrific loss of life, but it also resulted in the defoliation of more than 30,000 square kilometres of vegetation, leaving lush forests as little more than infertile mudflats. The original 150+ species of birds and 30+ species of mammals were reduced to a mere 24 and 5 species, respectively. The chemicals even went on to seep into groundwater reserves and poison the land, leaving reforestation efforts a daunting prospect. Thousands of farmers starved as their crops failed to survive the poison.

In the end, we as human beings have reached the position, we are in because of our ability to learn from our mistakes, and it is high time we begin to do so about the impact of armed conflict as well. It is imperative that each of us does what little we can to reduce the hold that war has on our world, or hopefully avoid such a situation altogether. Spreading awareness is one of the best ways to achieve such a goal.

As a democracy, the future of our country lies in the hands of us, the people, and as citizens of this great nation, we must take a firm stand against destructive conflicts. It is only through our combined efforts that we can bring about real change, something that will have a lasting impact on our future. And it is only by taking responsibility that we can save our beautiful planet Earth from destruction.

Otherwise, we might just find ourselves in a hellscape of our own making.



Coral Reefs: Jewels of the Ocean

Nandhana – 22BOBT07

Coral reefs, often referred to as the rainforests of the sea, are among the most biodiverse and captivating ecosystems on our planet. Spanning over 230,000 square miles worldwide, these underwater wonderlands teem with life, colour, and complexity. In this essay, we embark on a journey to explore the enchanting world of coral reefs, uncovering their significance, beauty, and the challenges they face.

Diversity and Beauty:

Picture a kaleidoscope of colours dancing beneath the surface of the ocean – this is the mesmerizing world of coral reefs. Home to an astonishing array of marine life, coral reefs harbour millions of species, from the tiniest fish to the largest whales. The vibrant hues of coral formations, ranging from fiery reds to soothing blues, create a breathtaking spectacle that rivals any work of art. Beneath the surface, a bustling community thrives, each organism playing a vital role in maintaining the delicate balance of the ecosystem.

Ecological Importance:

Beyond their aesthetic appeal, coral reefs play a crucial role in supporting marine life and sustaining coastal communities. Acting as nurseries for fish and other marine species, they provide shelter and food for countless organisms, contributing to the biodiversity of our oceans. Moreover, coral reefs serve as natural barriers, protecting shorelines from erosion and buffering coastal communities against the destructive force of waves and storms. Their economic value is immense, generating billions of dollars annually through tourism, fisheries, and pharmaceutical research.



The Threatened Paradise:

Despite their importance, coral reefs face a myriad of threats, pushing them to the brink of extinction. Climate change, with its rising temperatures and ocean acidification, poses the most significant threat to coral reef ecosystems. Elevated sea temperatures lead to coral bleaching, a phenomenon where corals expel the algae living within their tissues, resulting in their stark white appearance and eventual death. Pollution, overfishing, and destructive fishing practices further exacerbate the plight of coral reefs, degrading their health and resilience.

Hope for the Future:

While the challenges facing coral reefs are daunting, there is hope on the horizon. Conservation efforts, backed by scientific research and community engagement, are making strides in protecting and restoring these invaluable ecosystems. Marine protected areas, sustainable fishing practices, and initiatives to reduce carbon emissions offer promising solutions to safeguard coral reefs for future generations. By raising awareness and fostering global cooperation, we can work together to preserve the beauty and biodiversity of these underwater treasures.

To conclude, Coral reefs are not just ecosystems; they are symbols of resilience, beauty, and wonder. As guardians of our oceans, it is our responsibility to ensure their survival. By taking action to address the threats they face and promoting sustainable practices, we can protect these fragile yet extraordinary ecosystems for generations to come. Let us cherish and safeguard the jewels of the ocean – our coral reefs.



Better Times

Akul Dhople – 23PYEN06

Finally, the day has arrived. The teenager anxiously moved his eyes towards the large backpack and then back again to the magnificent piece of metal in front of him.

The only one of its kind. He looked out his tiger glass window one more time, then into the backpack and back again. He had waited for years for this moment.

It happened 100 years ago. Nature had finally retaliated against the obstinate race of men, with the Sun and the Wind leading the charge. Together, they had managed to wipe out most of the human race. The survivors had scampered for safety as best they could- most to little tents, who built modern complexes and shelters, and some others who lived in those protective complexes. Generations had struggled to battle against an increasingly hostile world – severe sunlight, unbreathable air and a lack of and, around 50 years ago, the extinction of pure water, replaced by Sanseau.

The young boy looked out his window once again, at the tents dotting the parched land, the whole scene unnaturally illuminated by sunlight penetrating through the thick, permanent smog. He checked his backpack one last time – large packs of Sanseau, Barney's Biteables, and an oxygen kit. For 13 years he had been protected from the outside world by special glass around his pod and an air purifier working around the clock. He had a bed of his own. But now the time had finally come.



Sanseau, Barney's Biteables, and an oxygen kit. For 13 years he had been protected from the outside world by special glass around his pod and an air purifier working around the clock. He had a bed of his own. But now the time had finally come.

He had come of age. He stared at the time machine with awe and expectations in his eyes. A slight fear of the unknown briefly entered his mind, but he brushed it aside.

The lad climbed into the machine and put on his oxygen kit, complete with a mask and a tank. He punched in the year – 100 years back with an additional 20 years for good measure, and started his journey through a stubborn illusion, for that's what time is.

He climbed out of the machine into a world familiar and alien, something out of an ancient ‘Ballee Wood’ movie he’d recently watched. The strains of music from the same movie filled his ears as he walked down the street, covered with ‘decorations’ on either end. He suddenly took notice of the people staring at him and realized that he was the odd one among them, with his zoomie pants and card shirt, carrying an oxygen kit around while the people around him weren’t even wearing masks. He hesitated but finally decided to take his kit off to appear less conspicuous.

The decently pure air entered his lungs and he felt himself relax with every breath.

It was liberating. The world seemed insignificant. The smells around him filled his nostrils and he found himself reeling, for they were smells he’d never smelled. Soon, they nearly overwhelmed him, and he caught himself and quickly walked away for some ‘peace’, away from the large crowds and unfamiliar fragrances.

As he walked on, he looked towards a curious phenomenon in the heavens – clouds of smoke emanating from a tall tower, smoke that formed a permanent spectacle outside his window. This sight greatly disturbed him, but he decided to move on and explore.

He walked on and reached a place where a large area covered with particles of sand bordered another area covered with an unknown liquid. He gently walked across the sand particles to the border and stared at the friendly Sun with a pleased smile, the smoke tower now forgotten. His pleasant thoughts were interrupted by a disturbance to his right. He turned to see a man release what looked like colored items into the liquid. Instantly, the boy remembered his homeschooling lessons and realized the situation with horror. He gave out an ear-piercing cry and ran towards the man, pleading him to stop. The man would’ve run away in his younger days, but now all he could do was wait for the boy to reach him. The boy carefully explained to him the future consequences of his actions. After the man had left, the teenager held the colored items and looked towards the sky and then at the expanse of water in front of him with resolute eyes. He had made up his mind.

The time machine lies hidden at the place where I left it years ago.

If you want it, let me know.



Heaven Up There

Sneha Elizabeth Saiju – 21BTBC27

All of us huffed through the steep trail leading to the peaks, ran out of breath, laughed at ourselves, and looked up at the night sky littered with stars—a stark contrast from the cityscapes. We stood there for a few minutes, searching the celestial expanse for shapes and signs we had read about. We craned our necks and hoped the sun would not surpass our ascent. Every so often, we would stop and look behind, down at the grey-painted trees and buildings. Unaccustomed to the hard ground, we gingerly navigated through the looming reds, putting one foot in front of the other.

We alarmingly encountered an even steeper climb through a cave, but I bravely went forward, calling out directions to the clumsy ones. It became quite obvious that half of us were not cut out for this workout. Feeling exhilarated at reaching the top, our stomachs rumbled from the lack of food since three in the morning, so we all flopped to the ground. Scattering around, taking in the sprawling city beneath and the golden hue that was spreading, we sat in reverence, watching as the light spewed. The silence rang around us, and we drank in the scene in front of us. The mixture of colours, the cool breeze, and the green that pierced through — even with the heat hitting us right in the face, the wind felt like needles pricking. We squinted directly into the sun, somewhat enjoying the assault on all our senses by nature. Unsurprisingly, we emptied the packets of food that we had been carrying within minutes, loudly declaring our status as life science students as we shoved the plastic into each other's pockets.

Restless, we ran around, walked as close as possible to the edges, touched the grass, felt the cold in the air, and the heat settled around us. One enthusiast started naming the plants around us. We squinted through the trees to find the path we were on. The soundtrack was laughter, yelling, and light music playing out of someone's phone. The clean air, away from the hustle and dust, was a welcome relief. The barely touched hillsides were safe from the occasional graphitised signs and wrappers. Where else would I be a little maudlin about life, love, and joy? Surely not on the frenetic and colourful streets.

A lot more of us must putter around, feel everything and nothing all at once, feel the sun on our skin. Lush green pastures and the twittering of birds have been proven indispensable for such activities. An active effort to save such spaces is essential for humanity. For it is not just the beauty of the cosmos but the experiences we live that make us pour out poetry. Let's look back fondly on memories tinged with yellow, comforting warmth and stinging cold. I realize how the nooks and crannies to escape from the real world have been carved out by nature herself - a very thoughtful action, even though we seem hell-bent on chipping them away.



A Stroll in the Nature's Wonder

Sangili Keerthi - 21BOBT24

Nandhana M V - 22BOBT07

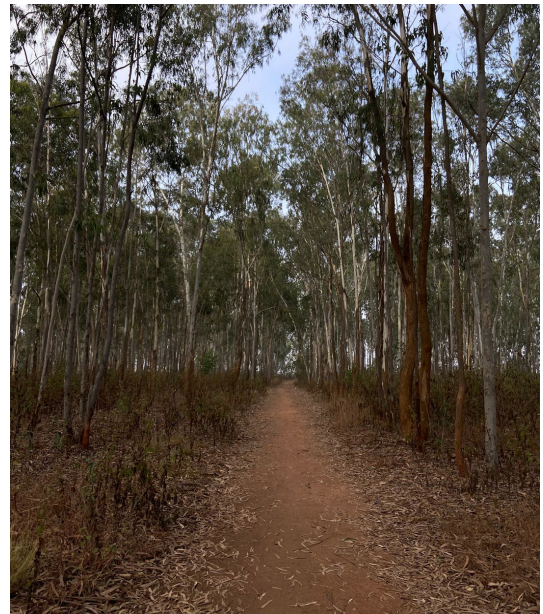
Embarking on a nature walk is undoubtedly the best method to immerse oneself in the beauty of the surrounding natural environment. Whether it's a stroll along a serene shoreline, through a calm park, or amidst the dense foliage of a forest, the experience offers a myriad of sights, sounds, and fragrances to indulge in.

At the crack of dawn, we ventured into the woods, eager to explore the wonders of nature. The morning dew enveloped the air, creating a sense of comfort and freshness. As we delved deeper into the forest, the hustle and bustle of daily life faded away, replaced by the tranquil symphony of chirping birds and rustling leaves.

Observing wildlife in their natural habitat was truly captivating. From the playful antics of squirrels to the melodious songs of birds, every moment was filled with wonder and awe. It was a rare opportunity to witness the intricate web of life thriving amidst the verdant surroundings.

Our journey through the enchanting Avalahalli Forest was nothing short of magical. The thick fog and mist lent an ethereal charm to the landscape, shrouding it in mystery and intrigue. As we traversed the forest paths, the gentle hum of cyclists added to the harmony of human activity and natural serenity.

Adorned with eco-activist messages, our attire sparked conversations about the importance of preserving these pristine environments. The passion and enthusiasm of fellow nature enthusiasts added an extra layer of energy to the serene surroundings, reinforcing the need for sustainability and nature preservation.



Amidst the towering trees and lush vegetation, we marveled at the resilience of the ecosystem. From lichens clinging to bark to microbes thriving in the moist atmosphere, every aspect showcased the intricate balance of life that flourished in this untouched haven.

As we soaked in the cool mist and invigorating air, it served as a poignant reminder of nature's delicate beauty and the responsibility we bear to protect it. In the heart of Avalahalli Forest, amidst the convergence of fog, mist, cyclists, and eco-conscious individuals, we were reminded of the profound connection we share with the natural world and the imperative to cherish and preserve it for generations to come.

Fashion's Toll: Unveiling Hidden Costs

Mayank bharti - 22BTGE78

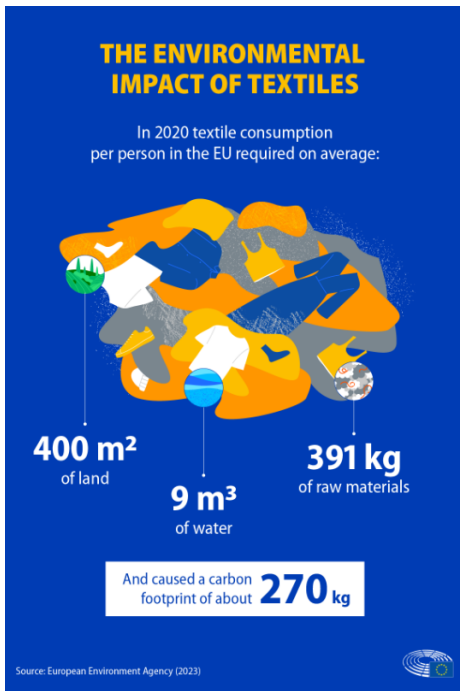
Ladies and gentlemen, we bring you, fast fashion - produced cheaply, worn briefly, discarded quickly articles of clothing. The force driving this industry is the want of a consumer to feel like they waked the runway or ear the same clothing their ravishing entertainer wore. The goal of fast fashion is to quickly produce cost-efficient clothing that meets rapidly changing consumer demands. Zara and H&M are giants in the fast fashion world. Other major players include Uniqlo, GAP and Topshop.



And so, for quite a low price, you can walk out of an H&M dressed like you're Slenderman's younger brother. In fact, at the prices that such companies offer, it can be more expensive to clean your clothes than it is to throw away your dirty clothes and buy all new ones. And I know that sounds like the kind of plan that was invented by some sort of nine-year-old king, but it's pretty close to reality because the average garment in any affluent nation is worn just seven times before it's thrown away. And if you're thinking, "Well, it's a good thing I donate my clothes to other people," well, that's not happening. Because when you're donating your clothes, ninety per cent of all clothes donated to a thrift store get rejected and sent straight to a landfill or a textile waste mill.

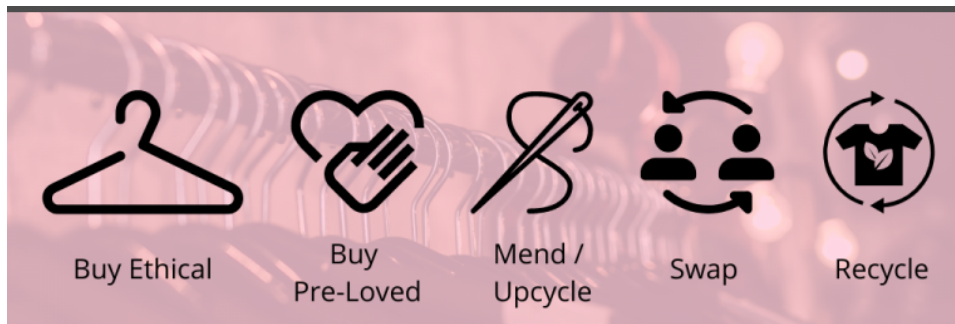
CO2 produced by fast fashion is more than France, Germany, and the UK combined. Fast fashion just works on exploitative labour conditions and is destroying the environment. But its impact is so great that it is expected to triple by 2050 if we don't change.





So, Is there a way out or are we out, or are we left with no option but to witness this climate tragedy thrive? The thing is that companies are going to chase after customers, so if you, as a customer, place more of an emphasis on measurable sustainability, companies are going to try to cater to you. So, first and foremost, push your representatives to pass laws about fast fashion, and join up with organizations that are already working towards that. If you're looking to make a difference on a personal level, surprise, you actually can! Fast fashion is very much a social movement, and you can be a leader by moving in the other direction and refusing to buy fast fashion. Number one: If you have a big event, you can rent an incredible outfit, or borrow it from a friend. Number two: If your clothes are damaged you can repair them.

We are currently knocking on the door of a climate catastrophe, and we need to reduce our CO₂ emissions instead of greatly increasing them. How we deal with fast fashion may determine if we're able to avoid some of the worst parts of a climate disaster. But unlike most of the systemic causes of climate change, there's something you can do about fast fashion.



ZERO WASTE LIVING

Jovita V Matthew - 21BTBC36

With the importance of environmental conservation being spread across communities, a new lifestyle has gained momentum: the zero-waste lifestyle. According to Z.W.I.A., it is “the conservation of all resources by means of responsible production, consumption, reuse, and recovery of products, packaging, and materials without burning and with no discharge to land, water, or air that threatens the environment or human health.”

Though the term was coined by chemist Paul Palmer in the 1970s, in India, this lifestyle has been implemented by the citizens for centuries. Even today, you can see vendors using glass jars and metal tiffin boxes to hold food, snacks, tea, and coffee that is served in glass cups instead of plastic ones, and locals putting their daily produce and needs in recyclable bags instead of one-use plastic bags. But these practices are not enough; it was recorded in 2023 that India generates almost 26,000 tonnes of plastic waste every day. Approximately 45% of all solid waste is not managed in controlled facilities. This mismanaged waste can be an incubator for infections and pollution, aggravating the planetary crisis of climate change.

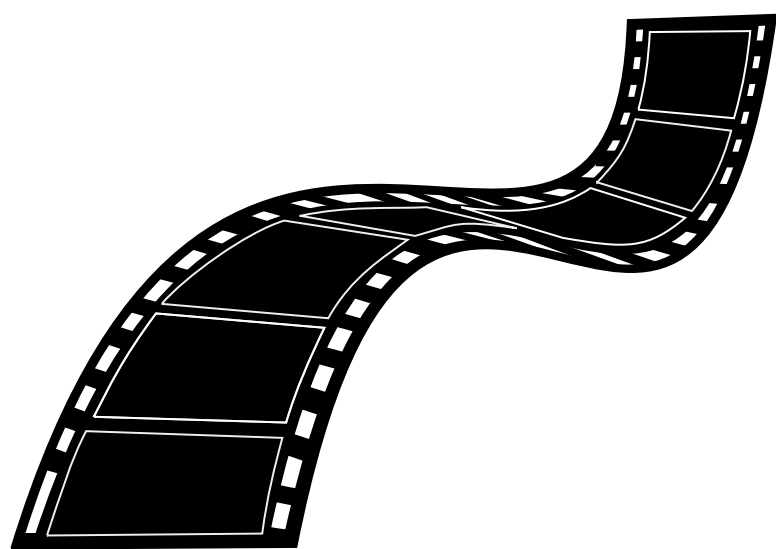
To counter this issue, many citizens have taken it upon themselves to solve it by implementing this lifestyle and reducing their plastic consumption. Nayana Premnath is a YouTuber who shares her experience and knowledge using social media, teaching the audience how to live a sustainable lifestyle with waste segregation, reusing clothes and other items, what she makes at home instead of purchasing more plastic-covered items, how to compose, etc. Nayana says a zero-waste lifestyle is easy to adopt in India. “Traditionally, we have always been zero-waste. By talking about such practices, I am asking each of us to go back to our roots, to what our grandparents did.”

Just like Nayana and many others, we can follow the path of sustainability by changing our consumption habits and following the 5 R's: refuse, reduce, reuse, repurpose, and recycle. The zero-waste lifestyle takes aim at our “take, make, and waste” approach to consumption and production. Many of us can use a 7-day or 30-day challenge as our starting point. In India, policies and regulations encourage a more circular approach to the way we use our resources, creating a zero-waste circular economy. For those asking whether zero waste is realistic, the answer is clear. This lifestyle is not merely an end goal but a set of guiding principles that will help us eliminate waste at any and all stages of the chain. The aim is to close the loop and redefine the entire concept of waste, ensuring resources remain in use for as long as possible before being returned to the earth with little to no environmental impact.





MOVIE REVIEWS



2.0 - Birdsong and Beyond.

Balaji Prasanna K - 22BTGE17



The name of the movie is 2.0 which was directed by Shankar and starred by Superstar Rajinikanth, Akshay Kumar & Amy Jackson in lead roles while music composed by AR Rahman and produced by Lyca Productions Subash Karan. It was one of the India's high budget films but didn't go well as they expected because of their screenplay which shows the hero as villain.

The villain character was inspired from the real-life character Salim Ali, who was an Indian ornithologist and naturalist, also known as the Bird Man of India. In this movie, as he was a bird lover, he fought against the companies who increased the frequencies of the tower. In older days, there were no much number of cell towers in our area and we could see many birds, small insects in our locality, but now a days, it is very hard to even see a crow in our locality.

We don't have enough proof stating that birds are killed by frequencies, but at that same time, no owner will be ready to stand under the cell phone tower, because they know that will kill them definitely. The movie released in 2018, when we started to use 4G a lot. They tried to create awareness through this movie, but however they failed and today many top companies started trails to introduce 5G in our day-to-day life. It will not only kill birds even 3G killed birds, then think about 5G. We would rather not stop just with 5G, we will go beyond that, one day, there will be a circumstance that would lead to our death.

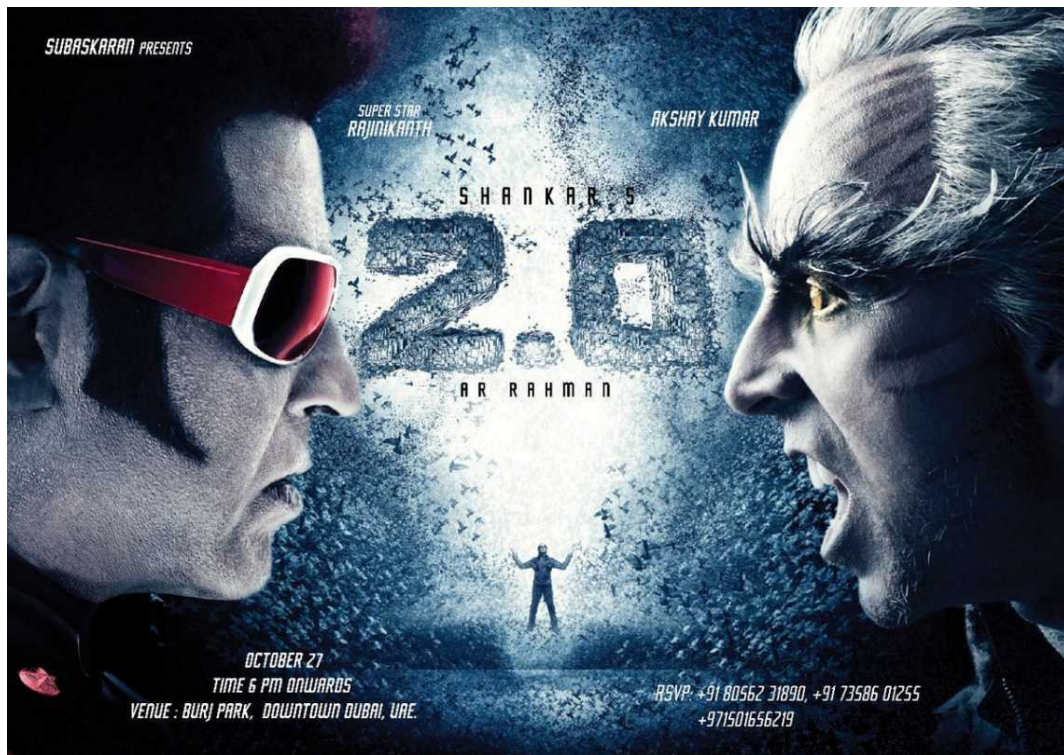
In the movie, due to his unconditional love towards birds, he commits suicide and came back as aura which can typically be called as a ghost, and killed the company owners and the people who are using phone.

In the climax, the robot, Chitti 2.0 will kill the villain Pakshi Rajan (real name in movie, character inspired from Salim Ali). In the post credit scene, they also admitted that, Pakshi Rajan was right, but the path he chose was wrong.

In my point of view, he tried all the possible ways to decrease the frequency, (creating awareness among public, minister, tower owners) nothing worked, so he was not wrong.

Today, we can't live without internet for a minute. We use phone, while it is being charged. Internet is our necessity today, because, we have online classes, work from home etc... But we need to find an alternate, otherwise, our whole species will come to an end within 300 years. Keep your phone down, look back, spend time with real people, more than that virtual phone & save birds. If birds are alive, then nature will be balanced.

SAVE BIRDS SAVE NATURE



The Railway Men: From Rails to Reverence (Bhopal Gas Tragedy, 1984)

Rishika Bhattacharya - 22BOBT13



Released in 2023, 'The Railway Men' is a historical drama television miniseries that brings forward to the world the most overlooked chapter of environmental disaster in the history of India. It focuses on the untold story of the Bhopal Gas Tragedy in 1984, which ended up changing the face of Bhopal for many coming years.

'The Railway Men' is a thrilling witness of the human and environmental relationship and proves that nature can destroy humanity. Directed by Shiv Rawail this series not only shows the environmental degradation to its extreme but also focuses on the courage shown by the railway department in the night of the calamity which saved millions from the deadly poison in the air.

The first episode begins by showing the hazardous conditions under which workers have to work in the Union Carbide India Limited plant where they keep the toxic gas Methyl Isocyanate (MIC). The safety conditions at Union Carbide were completely neglected, the workers weren't even given the minimum requirement of safety, a mask while transporting the MIC.

On December 2nd, 1984, the mishap happened due to faulty instruments and untrained workers Methyl Isocyanate leaked from the plant, killing a few workers including the manager immediately. Even after a few hours of gas leak, the Union Carbide refused to agree that there was a gas leak from their plant.

The people started dying on the streets of Bhopal by inhaling MIC without any information that they should stay indoors or use a mask. In the series the Station master tries to save the people in the station by gathering them all in a waiting room with closed doors when the newly joined Loco Pilot Imad (Babil Khan) arrives who was earlier a truck driver at Union Carbide and was aware of the effects of MIC, spreading out the news of the gas leak.

The series takes an interesting turn when the railways become the only hope for the people of Bhopal and when the station master and a constable (actually a most wanted thief) work together to save thousands of lives.

The film portrays the need for balance between progress and preservation, with his brilliant storytelling skills Shiv Rawail takes his audience through the pages of history where the unstoppable growth of Industry threatens to eliminate nature's wonders which have for long supported the beckon of life on earth. Bhopal gas Tragedy is the worst case of environmental disasters whose traces can still be found in some houses of Bhopal where children are still born with deformities and few patients have caught illness for their whole lives.

‘The Railway Men’ is a must-watch as it is much more than a cinematic masterpiece – it is a call to everyone to not exploit or break the boundaries of nature because the action would be disastrous destroying the whole of mankind. It is a rally and a cry for the environment, the flag of reverence, and a reminder of the fragile connection between progress and preservation.



The background is a sepia-toned vintage map of Africa, showing various regions and names like 'Cazembes Reich', 'Natal', and 'Transvaal Rep.'. In the bottom left corner, there is a detailed illustration of an ornate, oval-shaped mirror with a decorative frame. In the bottom right corner, there is a botanical illustration of a plant branch with large, pointed leaves.

NATURE'S POETIC HARMONY

“The earth has its music for those who will listen.”

— Reginald Holmes

FADING GREEN

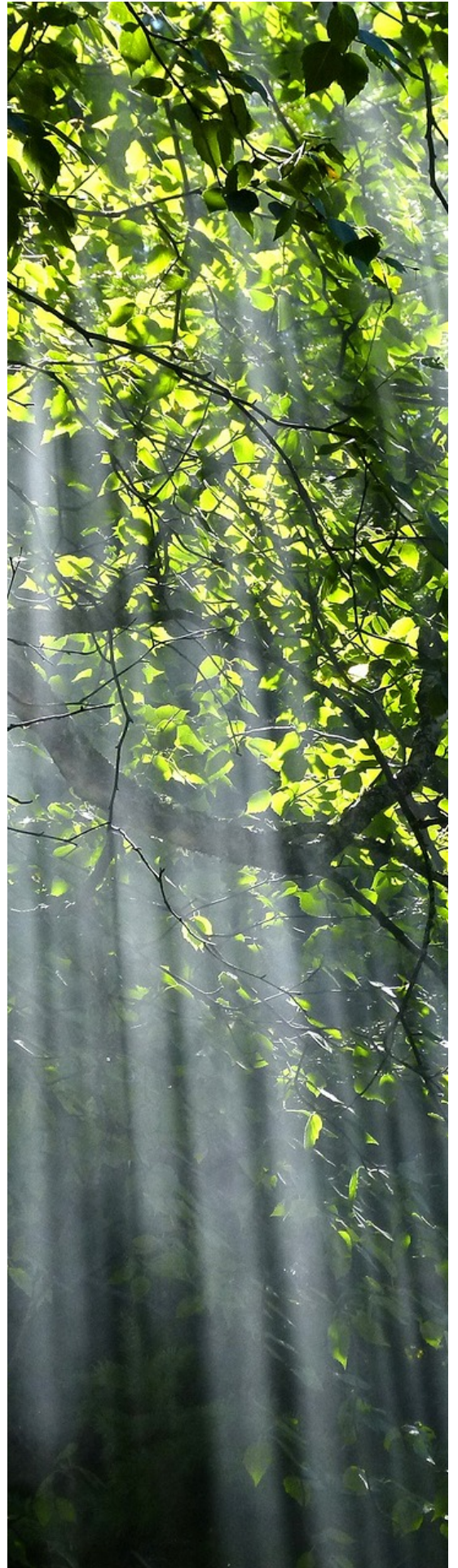
Rianne Rajath - 23BTGE52

Environment so scarcely protected,
The thing we are indebted.
Giving its life;
Only to be killed with a knife.

Sad has then the Earth been;
For losing all its green.
A beautiful thing called Nature,
Is now in immense danger.

Happiness has then been spread,
To all the people's head;
Thought they achieved something
Only to be left with nothing.

For pleasure and greed
Has made the world worried,
Of the coming times;
Because of all the crimes.





NATURE: A GREAT BEAUTY

Vaibhav Arora - 22ENGA25

Mountains tall to valleys deep,
Sustainability's promise we must keep.
Let's cherish Earth as our common home,
Where memories bloom, and bonds grow dome.

Nature's tapestry Where dreams take flight,
In a cozy, shady boon, we find delight.
Promise to save nature , we must strive,
Future green, where life can thrive.



SHE...WHO IS A WOMAN

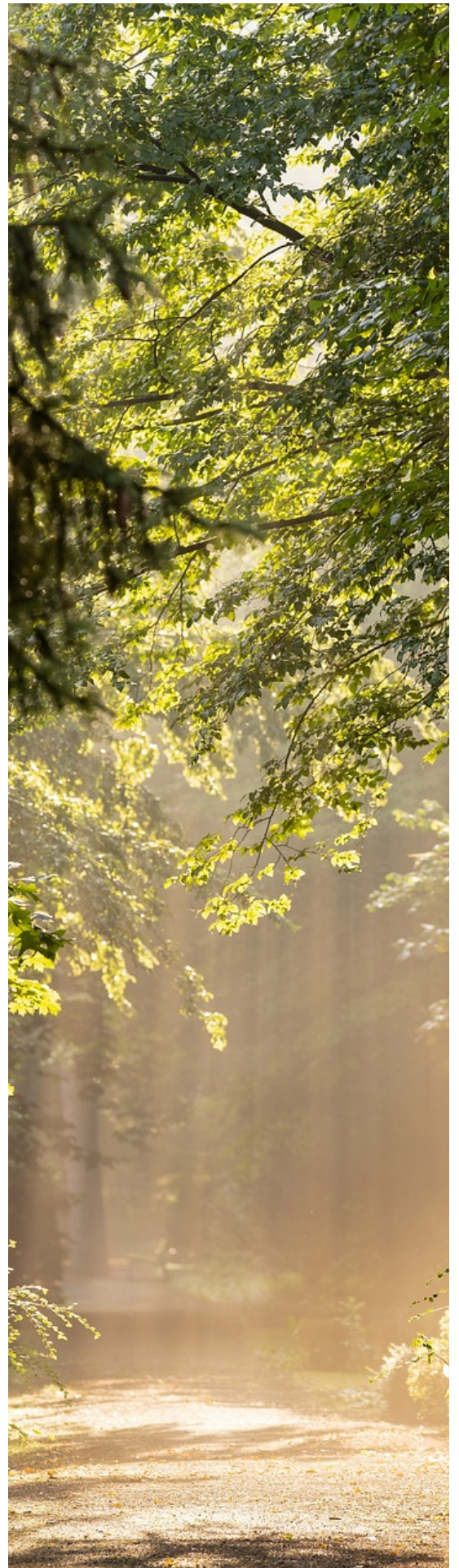
Akankhya Sahu - 22ENGA02

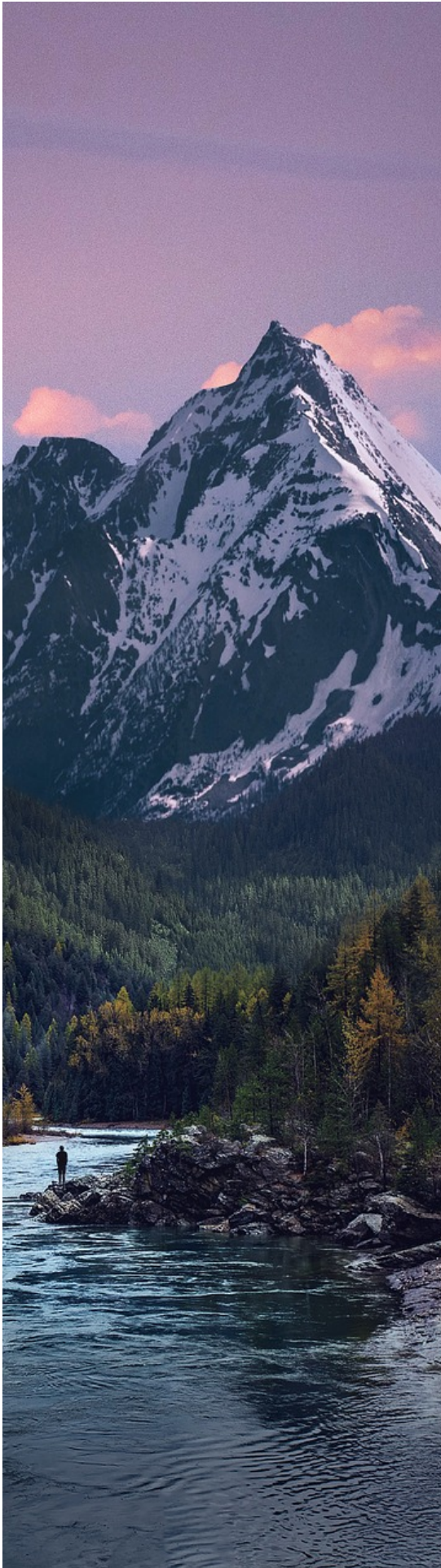
She...who provides you life,
Just how in a dark night that moon gives
you light.
It's her, who has the power to bend the
whole world
Walking like the shining Armor, she knows
how to win and burn.

She...who is the Epitome of beauty,
It's her, who is dangerous, it's her, who's
ferocious yet can be melted with the words,
heart spun fluently.

She...who fights with grace until her
demons stay defeated
It's her, who vanished from history and
only remembered as an object in a house to
be seated.

Who are you to question her existence
when you're born within her womb itself?
You...ho calls yourself world what have
you given her which she forgot to return
with interest ?
It's you, the world who forgets her
sovereignty
She is the power, she is the darkness
She is the giver and she's the taker.
If you ever forget let me remind you,
She's a woman and within her soul she held
strength to raise you as well as to destroy





I SAW THEM LONG GONE

Akankhya Sahu - 22ENGA02

I saw them long gone...
 Those beautiful valleys full of flowers
 Blooming little buds turning into a lover's
 mark.
 Lush green mountains connecting with huge
 waterfalls until it nurtures human life on earth.

Leaves trembles away afar yet they lay out
 peace in an old heart,
 I saw them long gone..
 With everything faded away

Those hearts stayed, thumping inside
 someone's soul.
 Sky simmering with wide blue clouds
 Comforting depressed houses of our youths

When it thunders the clouds fade,
 Taking the ashes of shallow humans with 'em
 I see them long gone...
 Hidden behind the dark shadow lurking in the
 pouring rain.

I wished them to stay forever,
 In my eyes captured somewhere
 Yet I saw them long gone..
 As if it was never even there



THE COCOA IRIS

Aleena Shajan - 22ENGA33

In a world of hues and shades so wide,
Stands a lover with cocoa brown eyes.
A blend of golden sun and earth's embrace,
A glimpse of nature's tender grace.

With every regard, they feel to say
Stories of warmth and sunlit days.
Eyes that glimmer a caramel dream,
Soft as dusk and morning's beam.

In those depths, one could easily dive,
A universe where dreams come alive.
Mysteries unfold, secrets are told,
By cocoa brown eyes, both youthful and old.
Gentle and wild, calm yet profound,
Similar is the appeal, in those eyes I have found.

For in that gaze, love's promise lies,
Forever held in cocoa brown eyes.





DANDELION

Vaibhav Arora - 22ENGA25

In fields of garden, a sea of gold
Stories whispers in each seed , untold
Seeds embark on journeys rare
A global of wishes takes to air

Petals soft as morning dew
Each wish that dreams pursue
Golden whispers on the breeze
Nature's art, a tranquil tease

Dandelion fairies dance in glee
A puff of breath, a wish set free
Childhood magic with full grace
Petals drift, like promises embrace



RAIN

Saptak Kumar Basu - 21BTGE37

The dark clouds covered the sky, the day turned into night.

There were loud sounds of thunder and huge flashes of light.

The cold wind gushed into my room, banging the windows and the door.

The awkward silence of the nature told me about the downpour.

The stray dogs quickly took refuge, in a shade near the big drain.

I sat on my balcony with a cup of coffee to write a poem on rain.

I saw little boys running around, floating paper boats along the stream.

Getting drenched in the rain, chasing through their childhood dream.

They laughed hysterically and giggled around, god knows for what reason.

I sat on my balcony to write a poem on rain.

I saw a young couple hugging each other under a single umbrella.

Talking romantic things to each other amidst the earthen aroma.

I saw them holding hands during flashes and crossing the slippery lane.

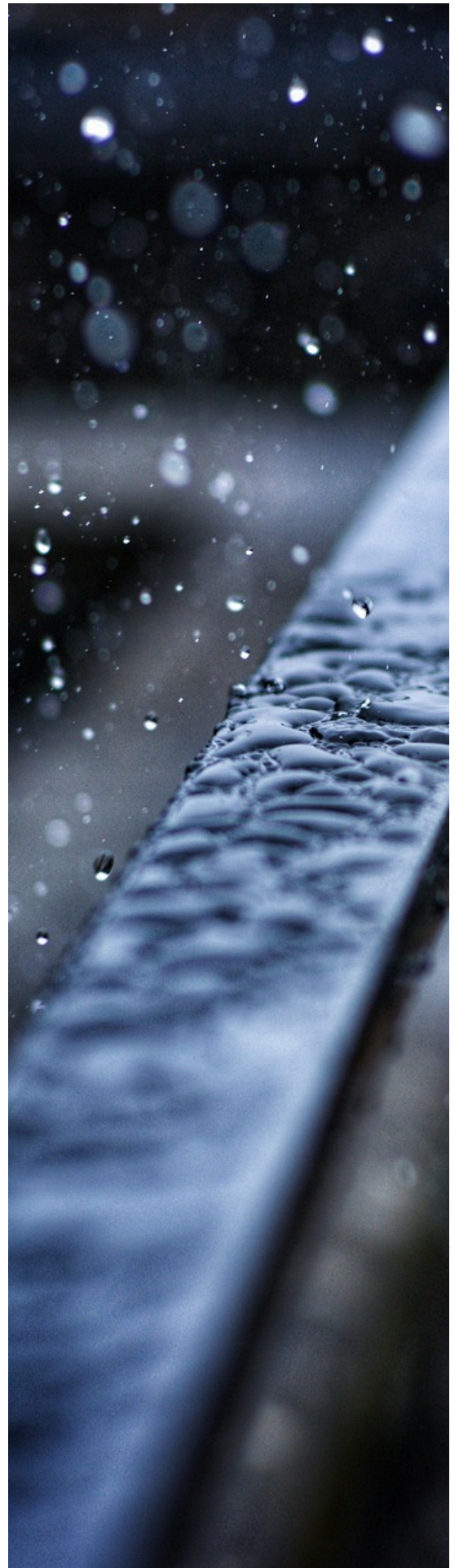
While, I sat on my balcony to write a poem on rain.

I saw on the news that a flood struck a village making many homeless.

I saw people stricken with poverty, with faces completely helpless.

I saw them crying in pain and going completely insane.

While I sat there on my balcony to write a poem on rain.





A POEM ON ROSE

Saptak Kumar Basu - 21BTGE37

I went to a garden, filled with greenery.
Though not to enjoy the pleasant scenery.
Neither to jump nor to play around.
Nor to lay still without a sound.
Neither to shoot nor to pose,
But to write a poem on rose.
The garden was filled with jasmines, tulips and
Daisy.

To find a rose was not so easy.
After crossing the lake of Lilly.
I managed to find one near the field of paddy.
I plucked it from the plant to make it expose.
And to write a poem on rose.
The clouds swam across the sky.
The butterflies were passing by.
The sun was over my head shedding light.
Swallows were singing during their diurnal
flight.

Beautiful, bright flowers attracted my sight,
I ignored everything and continued to write.
I closed my eyes and pinched my nose.
And focused to write a poem on rose.
But I was enchanted by the song of bees.
I got distracted by the fruits on the trees.
I sat down on my knees.
All my imagination came to cease.
I teared all my papers, spilled all my ink.
My confidence was shattered and my soul
started to shrink.

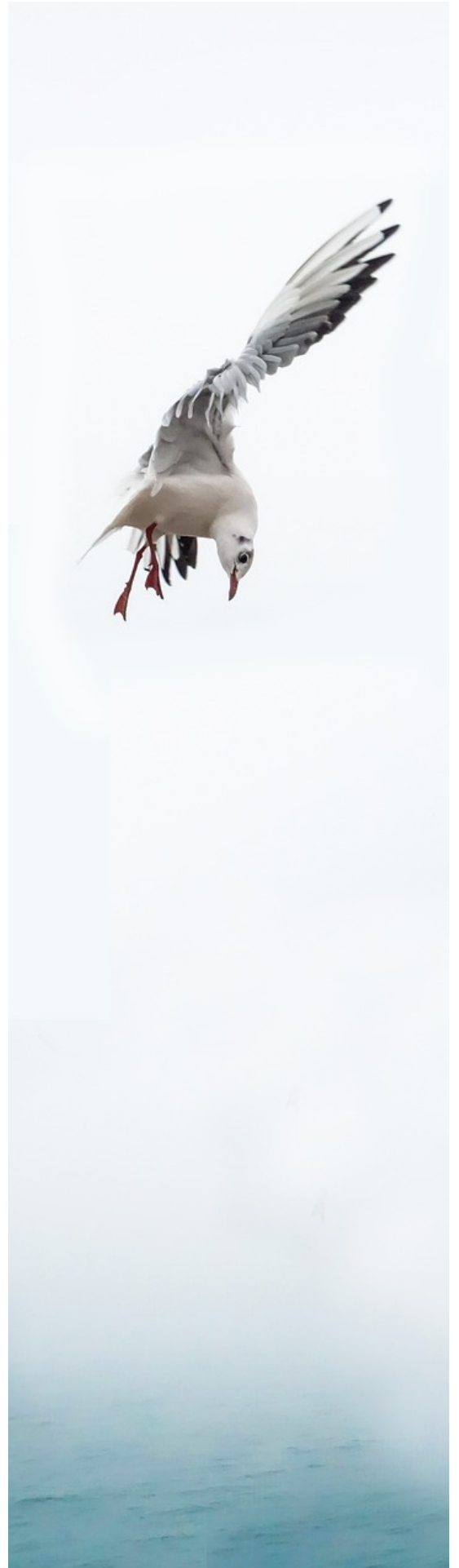
I saw the sun to set and finally the moon rose.
I failed to write a poem on rose.

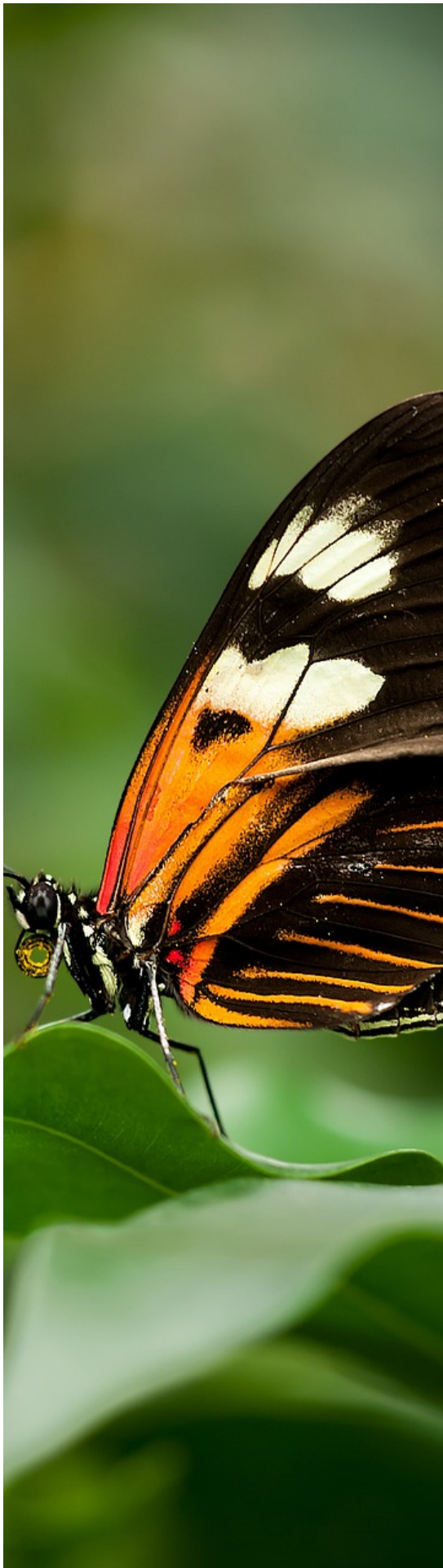


PRELUDE TO SOLACE

Tia - 21MBGE41

The chirping of birds,
The whistles of the wind,
In the meadows I lay,
Surrounded by trees.
A piercing ray falls
On the golden skin
Scavenging for nuts.
As winter arrives ,
The tide falls , the leaves fall ,
With icy crystals hanging on its edge
It is time for me to enter my abode
My abode of freedom and peace,
A place I can rest so peacefully.
With no human in sight,
Where my once lost harmony,
Still prevails.





NATURE AND THE SMARTEST CREATURE

Sufiyan Ahmad - 23THMA42

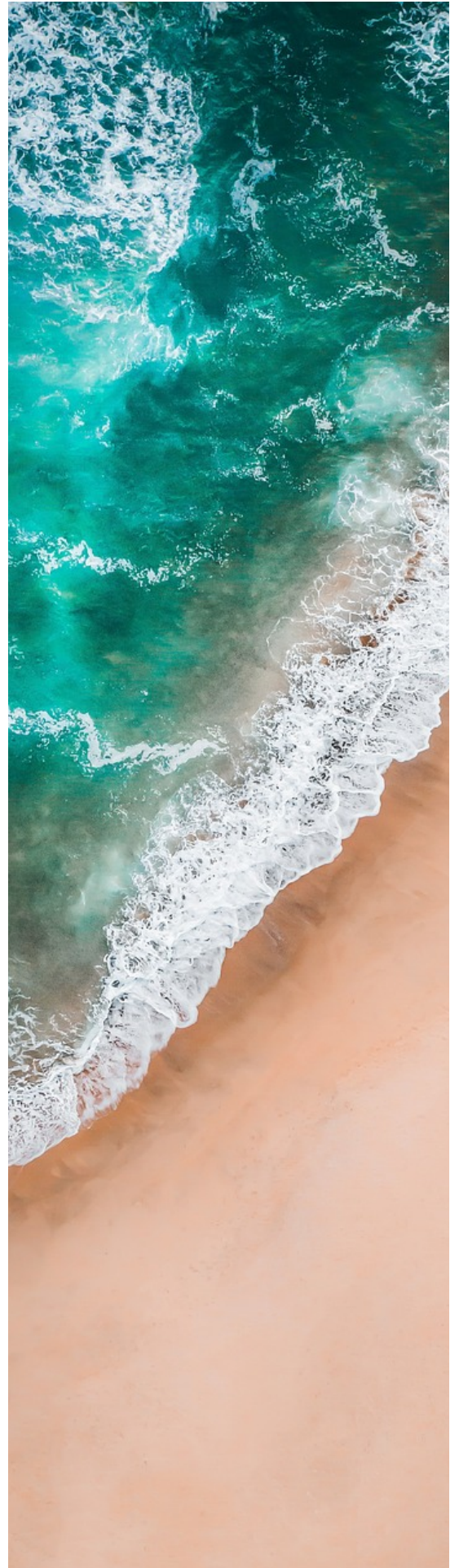
I went to a garden, filled with greenery.
 Though not to enjoy the pleasant scenery.
 Neither to jump nor to play around.
 Nor to lay still without a sound.
 Neither to shoot nor to pose,
 But to write a poem on rose.
 The garden was filled with jasmines, tulips and
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 To find a rose was not so easy.
 After crossing the lake of Lilly.
 I managed to find one near the field of paddy.
 I plucked it from the plant to make it expose.
 And to write a poem on rose.
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 The butterflies were passing by.
 The sun was over my head shedding light.
 Swallows were singing during their diurnal
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 Beautiful, bright flowers attracted my sight,
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 All my imagination came to cease.
 I teared all my papers, spilled all my ink.
 My confidence was shattered and my soul
 started to shrink.
 I saw the sun to set and finally the moon rose.
 I failed to write a poem on rose.



NATURE'S SYMPHONY

Arpitha.A - 23BCAB09

A young sprout crawls to peep the world
Slow melancholy rhythm, like waves
Swinging its wings with rebellious grace
A subtle, warmest cold breeze hushing its
Swish,
O Mother Earth, your grip so tight, I shall
Hold you until now and forever





NATURESTIC LOVE

Mahima Shammi – 22BCAB32

A love towards the nature,
Cannot be compared in future
It's been cutting down
But don't know how?
How shall stop it?
How do I save it?
From the cruel human in this world
That make the nature into a rubble
Birth of a plant
Brings joy to the heavens,
Spreading a positive fragrance.
As I breathe in,
Birds chirping in their livin'
It brings beauty to the nature,
Let's not put our lives in danger
By leading it to extinct.

WHAT IF GOD SAYS NO ?

Anjali Anil – 22MBGE04

Summers are here
With warm breeze
Buzzing noise of cicadas
Taking me back to those childhood days.
Those unripened mangoes we craved for
Who waits for the yellow one
The treasure feeling
Which lives under the bower tree.
Now how we gonna get those golden days
Which aren't saved within photographs
But in our memories
Innocence fades away as maturity take
it's place
Now there is no more buzzing of bugs
As we made our life so miserable and
stuck
Even summertime never pleas anymore
As we failed to be as human and more.
What if God says no
To rejuvenate mother Earth once again
To give us chance
to downpour the love and the care once
again?





PETALS OF TIME

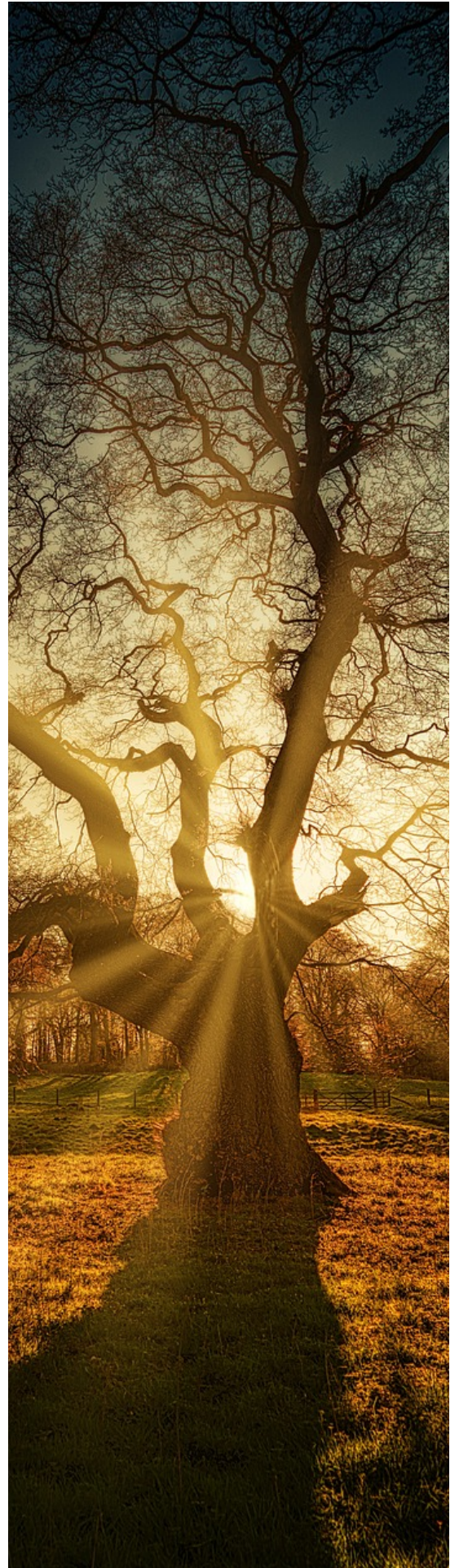
Siddhartha Debgoswami – 22BTBC25

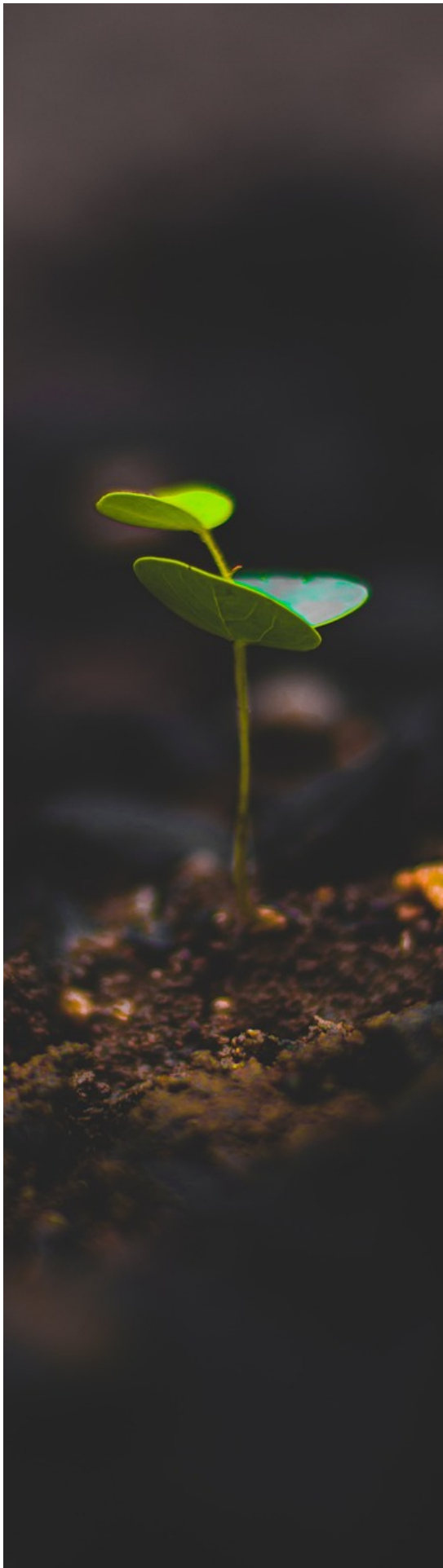
Beneath the sakura tree,
Looking at the falling flower petals
A thought came to my mind as expected,
About the beauty of these petals
A symbol of hope and beauty,
It blossoms fleeting, yet so sweet
A reminder that life is incomplete,
For just as quickly as they bloom
The petals fall, like snow in June,
And the tree stands bare once more
Until next spring, when it will restore,
The sakura tree takes center stage
A masterpiece of nature's art
A symbol of love that fills with heart.

A LONELY TREE

Rithika. K – 22BTBC23

A lonely tree stood amid the concrete
jungle of a busy city,
A sign of endurance and glee.
It saw the joys and sorrows of life
through seasons and years,
silently consoling anyone who stopped to
see,
It imparted lessons about strength, growth
and the inevitable nature of
change with its deep roots and
soaring branches.
People found bravery to persist and
inspiration to dream in its presence.
Time passed, yet the
tree stood as a constant
reminder of nature's enduring
power and the resolute spirit
that is within each of us.





A TESTAMENT TO HOPE

Rithika k – 22BTBC23

In a single seed,
life's journey starts,
Pushing through soil,
it plays its part.
With each sunrise,
it reaches high.

A testament to hope,
reaching for the sky
Though storms may rage and winds may blow,
It bends but never breaks, a lesson to know
For in its quiet strength,
a truth is found,
That resilience blooms when
roots are bound.



WHISPERS FROM THE NIGHT SKY

Deenah Iqbal - 22MBGE09

While looking up, at the sky at night,
the serenity of being a selenophile often makes me
think of how much destiny has made me hope for
and at times lose in life ...

Yet , it has always made me feel hopeful in what I
believe I have lost in life...

In the end, hope is indeed a process of reassurance
for ourselves to find bliss in what you believe to
be the past , present and future of your life...

In fact, look up at the moon which proves that
there will be a brightly glowing light even if the
sky is a thick blanket of darkness...

You will for surely find a beautiful reason to
become hopeful in life...

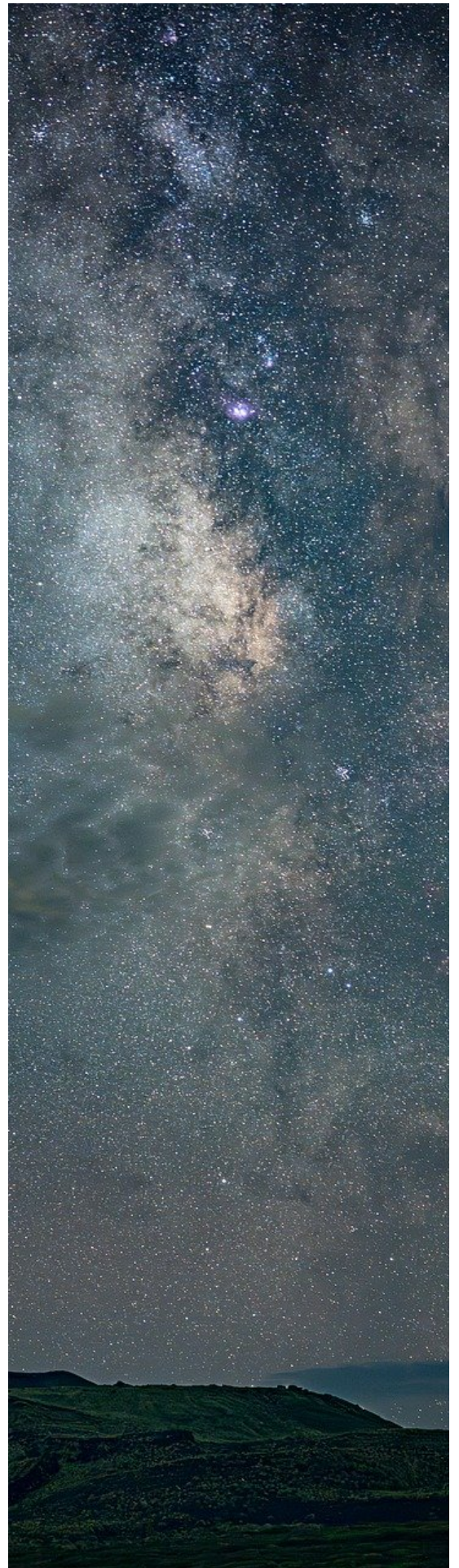
Just have the patience as you watch
everything falling into the right places...

Because just like the sun which goes down at
night to make the moon shine bright at night,
there will surely be a sun in your life too which
will make you shine bright during your gloomy
times...

And that happens when you give the sun in your
life a chance to shower the light of hope in you...

Many at times, people fail to realise that ,in love,
nature's norms of the sun and moon being
together is broken for the unison of two souls....

And they balance the light of love and hope in
them by becoming each other's sun and moon.





NATURE'S DIVINITY

Vaibhav Arora – 22ENGA25

Crystals streams, like liquid lace
Reflect the moon's enchanting grace
From sunrise gleam to starry night
A vibrant world, a glorious sight

Wildflowers bloom in vibrant cheer
And whispers tales of starry night
The nightingale, with voice at hand
A hidden songstress takes her stand

A ladybug, on emerald cloak
Tiny Universe, its wings invoke
Dancing free on summer's breeze
A fleeting glimpse of life at ease



NATURE'S LENS AND BRUSH STROKES

"A walk through nature walks soul back home."

-Mary Davin



The Veranda Amidst the Woods

Keerthi M - 21BOBT24

"What is this wild ravine? The arched walk
crops out upon it by little and little,
tempting deeper and deeper exploration.
Bend after bend, new masses of rock and
foliage peacefully circumvent the prying
gaze."

- John Ruskin

The Cyclist on the Red Soil

Jhon Abraham

"The best remedy for those who
are afraid, lonely or unhappy is to
go outside, somewhere where they
can be quite alone with the
heavens, nature and God. Because
only then does one feel that all is as
it should be and that God is
watching over everything."

- Anne Frank





The Gate covered in Green

Jhon Abraham

"Nature is not a place to visit.
It is home."

– Gary Snyder

Crimson Canopy

Tarun Kumar M - 22BTBC28

"The trees are Nature's endless
effort to speak to the listening
heaven."

- Rabindranath Tagore





The Vibrant Colour Palette

Krishnaveni K

"This sunlight struck upon the lake,
inflaming it to glory. The whole
expanse shone with a rich borrowed
red, as if molten metal had been
poured across it."

- Sarah Orne Jewett



Hiding in the Nature

Alan Kinad - 23BTGE10

"The art of nature is all around us, waiting to be observed." - Roy Walker



Rustling Through the Sunshine

Debojyoti Chatterjee - 21BTGE16

"In nature's infinite book of secrets, a little can be read by those who lie open with leaf and petal to the gorgeous spectacle around them. But what sums of enchantment await those who even here catch the syllables of the great Opener's voice - the light itself!"

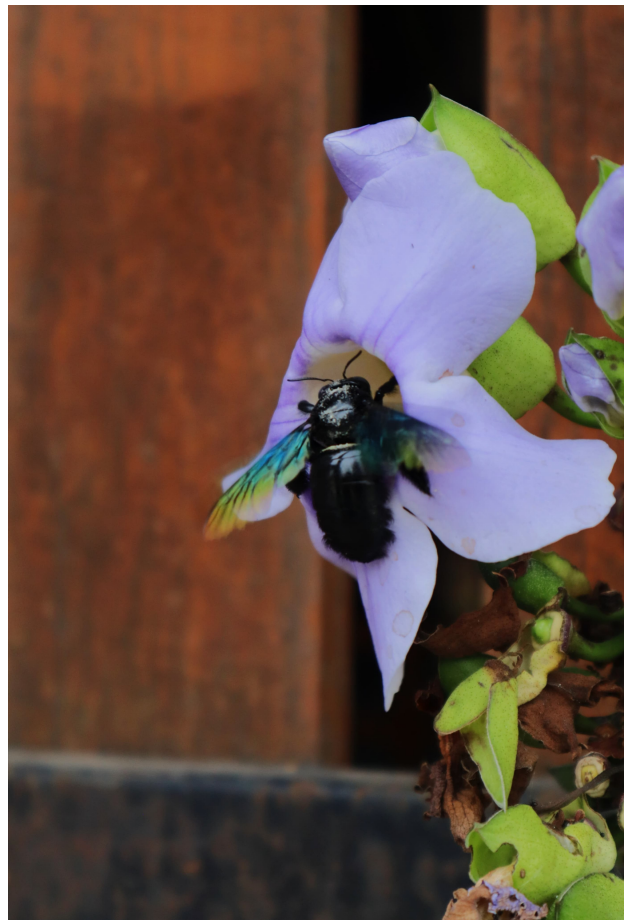
- Thomas Wentworth Higginson

Petal percher

Alan Kinad - 23BTGE10

"The murmuring of innumerable bees, the pouring sunlight, and the flitting butterfly give an aspect of animation to the grassy green sward."

- Jane Welsh Carlyle





The Shine through the Woods

Ipshita Tarafdar - 22BOBT03

"An emerald sanctuary untouched by time, where towering sentinels stand guard over nature's eternal symphony of rebirth and renewal."

The Rail Covered in Green

Rishika Bhattacharya - 22BOBT13

"The tracks guide us through nature's verdant embrace, where time stands still amidst the soothing whispers of the trees."





The Spots of Nature

Ipshita Tarafdar - 22BOBT03

"A vibrant symphony of nature's warmth, where each petal dances with the passionate hues of life's radiant embrace."

The Reflection

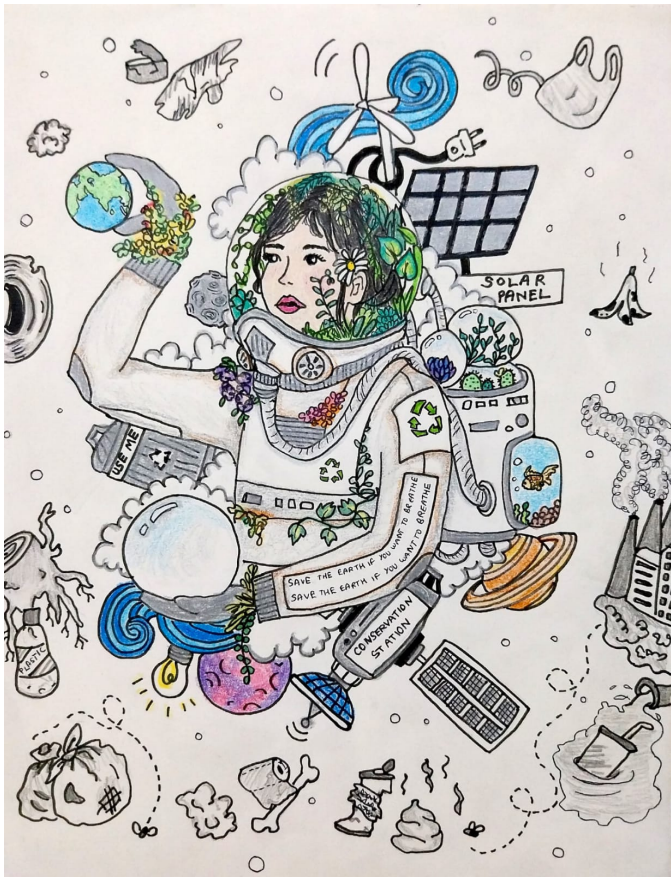
Adele M Felicia - 22BTBC01



"In every walk with nature, one receives far more than he seeks."

- John Muir





Our Rusty and Dusty Atmosphere

"Nurture the world we inherited, so that future generations may foster its wonders anew. In protecting Nature's delicate tapestry, we weave ourselves into her eternal renewal."

Mortal Reverie

"Like blossoms unfurling to Spring's first breath, let wonder bloom within the ephemeral rhythms illuminating our shared path, that these fragile instants may bear seeds of enduring grace."



ENVIRONMENTAL FACTS

1

Ants weigh more than humans. The combined weight of ants on the planet is higher than all human beings. The world has over 8 billion people, 100 trillion ants.



2

Our sun has a voracious appetite, all stars, like our sun age and eventually die. But it won't happen for about five billion years.



3

A glass bottle can take up to 1 million years to decompose. This means that glass manufactured and used 5000 years ago may still be present in the environment.



4

The world's oldest trees are 4600 years old bristlecone pines in the USA.



5

Around 27,000 trees are cut down each day.



6

Rainforests are being cut down at the rate of 100 acres per minute.



7

Recycling one glass bottle saves enough energy to power a normal light bulb for about four hours.



8

Paper from trees can be recycled 6 times.



ACTIVITIES



Special Lecture on Climate Change and Energy Transition

Date - 03/08/2023



Climate change, driven by greenhouse gas emissions, poses an existential threat. A lecture on 'Climate Change and Energy Transition' highlighted the need for action to mitigate its impacts. Ambassador Dinkar P. Srivastava emphasized the urgency of transitioning to sustainable energy sources and discussed the adverse effects of greenhouse emissions, fostering awareness and proposing solutions among students.

Swachhata Pakhwada - Awareness campaign on “Health, Hygiene and Environment

Date - 12/09/2023



During the 'Swachhata Pakhwada' cleanliness drive, which aimed to promote awareness on health, hygiene, and the environment at Government Lower Primary School, K. Narayanapura, Bangalore, the event emphasized the importance of cleanliness in preventing diseases through student-created posters. One hundred and forty school children participated actively, showcasing their commitment to maintaining a clean environment. CES regularly engages in such community-driven environmental initiatives.

Poetry Writing Activity

Date - 23/09/2023

An online poetry writing competition was held to commemorate World Clean Up Day, drawing submissions from students of Kristu Jayanti College. About 30 students participated, showcasing their creativity and raising awareness about environmental conservation and sustainability. The event aimed to foster harmony with nature and educate the academic community through social media posters on environmental commemorative days. Below are the first three winners listed.

Haiku Poems

Harmony in nature

Manasa D - 23BTFS37 (I Sem BSc BTFS)

In a world so wide, cleanliness abides,
Dirt and grime in every space, shining smiles on every face.
The rivers flow, the forests sing, in perfect harmony they bring.
Mountains rise with skies of blue, all in balance, old and new.
So let's give this cleanliness a chance to win, and keep our hearts clean within

Harmony with nature

Deeya Lama - 23BTFS18 (I Sem BSc BTFS)

Reduce, reuse, recycle, we say
In Conservations, guiding way,
Sustainable choices, paths we choose,
In our hands, the power to infuse.

Let the winds be pure and the skies be blue,
In conservation dreams, come true.
For generations yet to come,
A world that's green not marred by some.

So let's be the cause and take a stand,
For conservation hand-in-hand.
For the earths betterment, we strive,
In harmony with nature, we will survive.

Finito

Tapobrata Chattaraj - 22MBGE43 (III Sem BSc MBGE)

Action is none.
Environment is done!



Street play on Energy Efficiency Day

Date: 04/10/2023



An engaging street play was organized in association with the Department of Management to promote Energy Efficiency Awareness. The play, performed by first-year BBA students, aimed to educate the audience about energy efficiency, encourage energy-saving practices and highlight the environmental benefits and cost savings. By addressing misconceptions and inspiring sustainable living, the students aimed to encourage small steps towards a more energy-efficient and sustainable future.

International E-Waste Day

Date - 14/10/2023



Electronic waste poses a significant threat to the environment and human health due to its hazardous materials. To address this issue, the Department of Computer Science (UG), in association with the Department of Life Science (UG), observed 'International E-Waste Day'. The initiative encouraged the collection and recycling of electronic waste, contributing to a sustainable environment.

Skit on Sustainability: Today and Tomorrow

Date - 07/11/2023



In observance of World Sustainability Day, volunteers performed a skit titled "Sustainability Today and Tomorrow", addressing urgent environmental challenges. The skit raised awareness and motivated viewers to promote sustainability in their communities, workplaces, and homes.

Screening of Documentary Film to observe “International Day of Climate Change”

Date - 08/11/2023



The club screened the documentary film 'Adapting to Climate Change' to mark the International Day of Climate Action. The 20-minute film showcased the global call for action to address climate change adaptation, featuring inspiring stories and expert perspectives.

Nature Walk 'Recalling Nature'

Date - 13/01/2024



Embarking on a nature walk through Jarakabande Kaval Forest was a serene experience, fostering a sense of responsibility towards nature. As the CES team traversed the forest paths, conversations about preservation were sparked, with young eco activists adding enthusiasm to the experience. In the heart of the forest, the convergence of nature and human activity served as a reminder of our duty to protect the environment for future generations.

Special Radio Programme - 'Nature's Talk'

Date - 09/02/2024



"The Earth, the air, the land, and the water are not an inheritance from our forefathers but on loan from our children." - Mohandas Karamchand Gandhi. The Department of Media Studies in collaboration with the CES club presented a radio program, "Nature's Talk," which delved into environmental concerns and highlighted sustainable practices, stressing the importance of conservation for future generations.



Expert Lecture on 'Shaping the Future: Sustainability and Changing Paradigms of Conservation'

Date - 13/03/2024



The CES in association with the Department of Life Sciences observed World Taxonomy Day with an expert lecture on "Shaping the future: Sustainability and changing paradigms of Conservation" by Dr. Priyadarshan Dharma Rajan from ATREE, Bangalore. Dr. Priyadarshan discussed insect diversity and identification, highlighting the evolving habits of fauna and their impact on climate change.

Mime to commemorate "World Water Day"

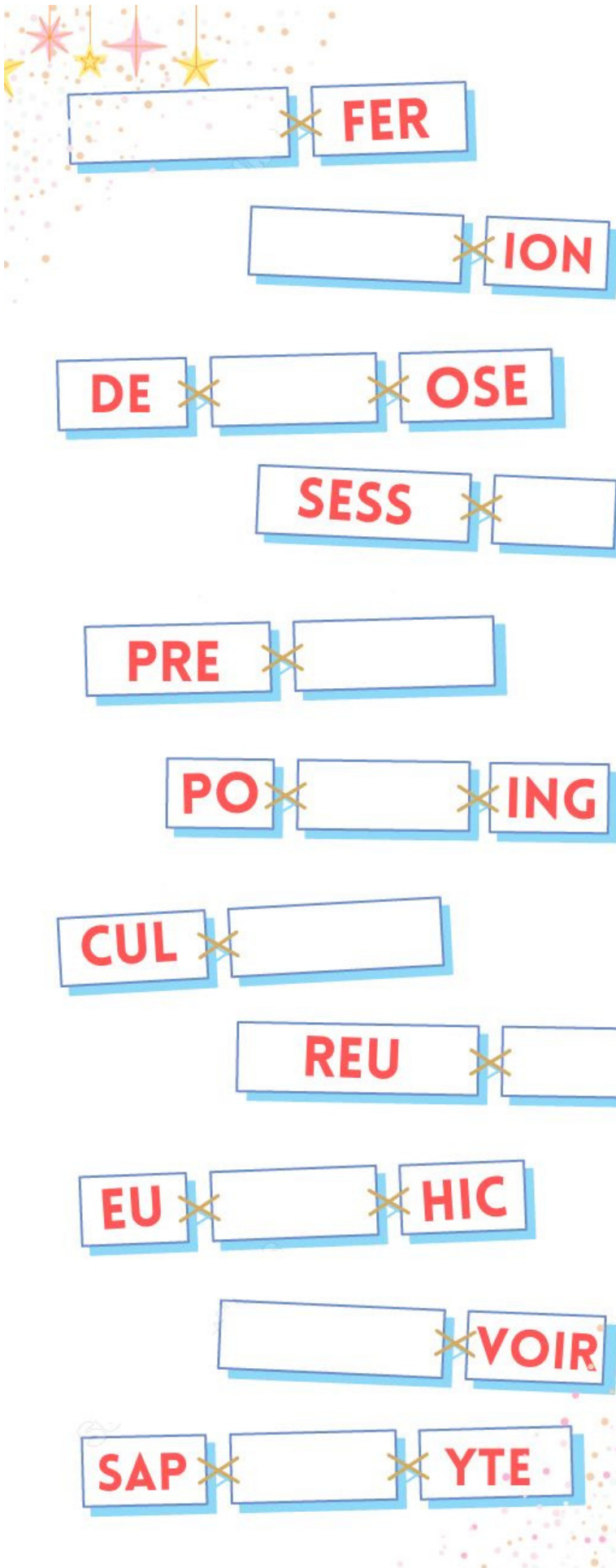
Date - 26/03/2024



World Water Day 2024 highlights freshwater conservation and sustainable management. With the theme "Water for Peace" emphasizing global cooperation, the CES organized a mime-based awareness campaign to convey the importance of water conservation. This event encouraged reflection on water usage habits and fostered a culture of environmental stewardship.



UNDER THE CANOPY CHALLENGE

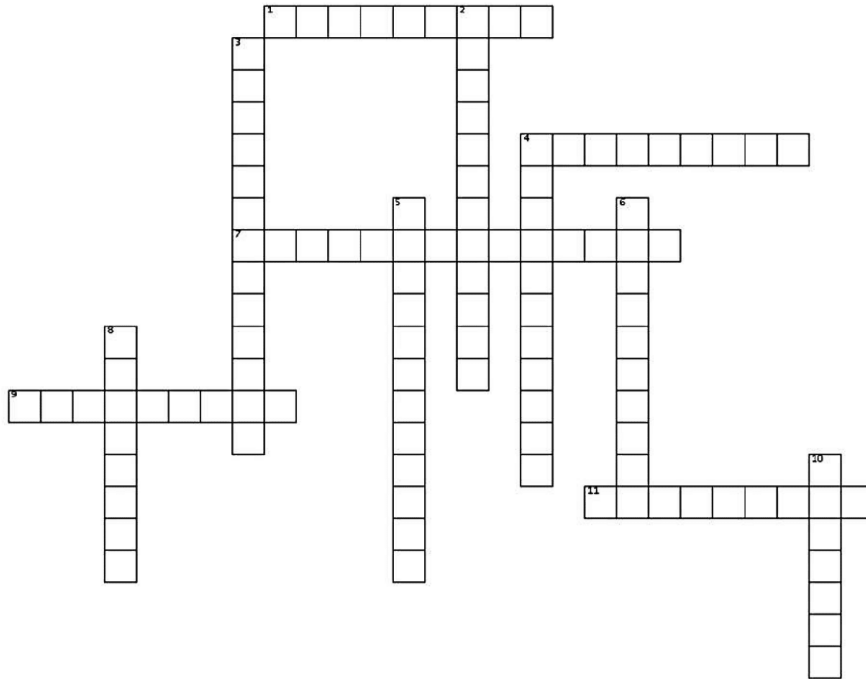


Fill in the blanks
with these
following words

**RESER, ILE, LING,
TROP, ROPH , AQUI,
SERVE, EROS, ACH,
COMP, SE**



NATURE MAZE



ACROSS

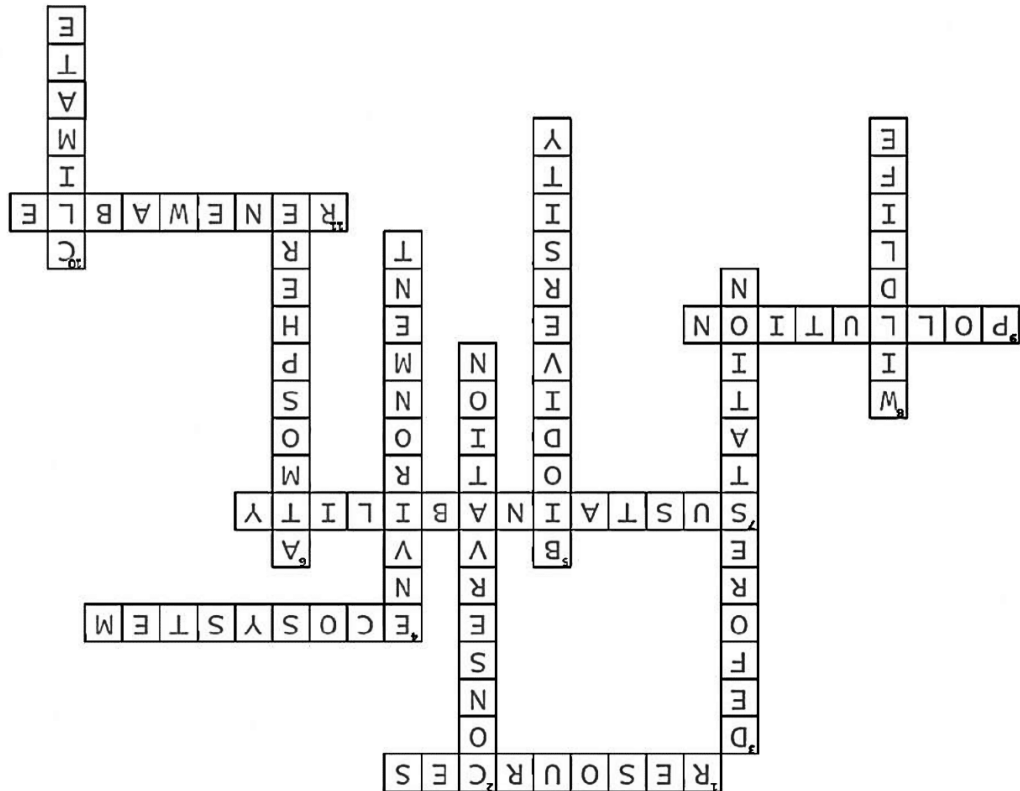
1. MATERIALS OR SUBSTANCES USED BY HUMANS
4. COMMUNITY OF LIVING ORGANISMS AND THEIR ENVIRONMENT
7. MEETING THE NEEDS OF THE PRESENT WITHOUT COMPROMISING THE FUTURE
9. HARMFUL SUBSTANCES RELEASED INTO THE ENVIRONMENT
11. ENERGY RESOURCES THAT CAN BE REPLENISHED

DOWN

2. PROTECTING NATURAL HABITATS AND SPECIES
3. REMOVAL OF TREES AND FORESTS
4. OUR SURROUNDING AND THE WORLD WE LIVE IN
5. IS THE VARIETY OF PLANT AND ANIMAL LIFE IN A PARTICULAR HABITAT
6. LAYER OF GASES SURROUNDING OUR PLANET
8. PROTECTION OF ANIMALS AND PLANTS IN THEIR NATURAL HABITAT
10. LONG-TERM SHIFTS IN TEMPERATURE AND WEATHER PATTERNS



ANSWERS FOR NATURE MAZE





KRISTU JAYANTI COLLEGE CAMPUS





Rain Water Harvest Area



Garden Area



Green Park



Field of Solar Panels



College Entrance



Oxygen Park

HONOURING OUR ACHIEVERS

2023 - 2024



AICTE National Level Clean and Smart Campus Award 2020, First Prize





KJC TURNS 25



Kristu Jayanti
College

1999 - 2024

Empowering Visions, Enriching Lives

NISARGA '24

April 2024
Volume 1



Kristu Jayanti College (Autonomous)
K. Narayanapura, Kothanur Bangalore 560077, Karnataka
E-mail: info@kristujayanti.com
www.kristujayanti.edu.in/