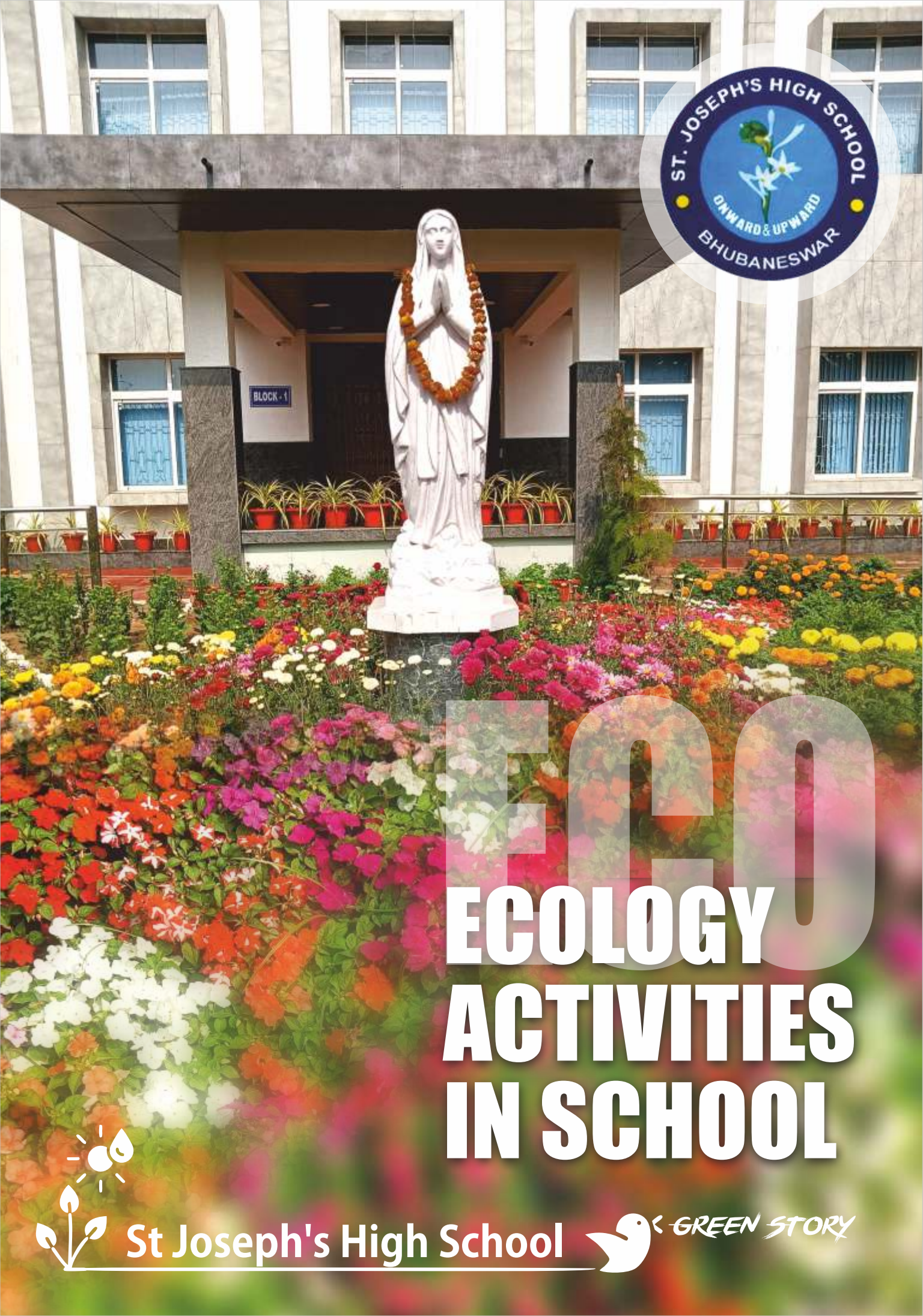




ECO ECOLOGY ACTIVITIES IN SCHOOL



St Joseph's High School





ECOLOGY ACTIVITIES IN SCHOOL

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ECOLOGY ACTIVITIES IN SCHOOL

Eco days are essential in fostering a sense of environmental responsibility and empowering students to be agents of positive change for the planet. These events not only benefit the school community but also contribute to a greener and more conscious society.

Students of St Joseph's High School make a personal commitment to adopt eco-friendly practices through various activities, programmes and skit that they display under House Activity every Wednesday as this day of the week is observed as Eco-Day or Environment

Day in our school. Organizing friendly competitions between houses to teach each other the best sustainable practices has been both fun and educational.

Students also engage in hands-on projects like creating 'Best out of Waste', Planting Trees, creating eco-friendly artwork and lots more.

Our green school with its majestic garden reduces stress for both students and staff, creating a positive and calm environment. Our students have introduced a 'GREEN CORNER' in order to incorporate garden-related activities. Here students donate plants to the school. Our school garden fosters a unique connection with nature.

As environmental challenges are becoming more pressing with each passing day, Principal Sister Lizy encourages the school community to take proactive steps in building a more sustainable and eco-conscious future.

Recycling Initiatives: Best out of waste

School holds 'Bagless Day' every month during which students were taught to make 'Fairy Garden' in recycled pots by planting as many as five useful plants.

Creating a garden out of broken pots was an excellent way to upcycle and repurpose materials and also to educate children on the variety of plants and their uses. The children were very creative and expressed their gardening skills through this fantastic DIY project. Eco-day is an excellent opportunity to promote recycling activities in the school



School Garden

Nestled within our school's premises, the enchanting garden overwhelms with life.

Some sun kissed petals and some withered one's sway in harmony. Despite the decline of nature and greenery in the world, the school garden is an ideal example of "Go Green." There is a constant strive to embed eco-friendly habits and promote sustainable development. It is not just a place of beauty but a place to learn about the rhythms of the nature.

Perils of global warming

Students conducted an activity on the perils of global warming to understand the real-world impact of climate change and raise awareness about its consequences. They demonstrated before students about the dangers and consequences of global warming such as rising temperatures, melting ice, extreme weather conditions and their impacts on ecosystems and human health. The purpose of this activity was to empower the students to be advocates for climate action and inspire positive change within their peer group.

Celebration of Van Mahotsav

Van Mahotsav literally meaning Forest Festival is celebrated from 1 July to 7 July to spread awareness regarding forest conservation and afforestation. The students of Red House performed a skit titled 'Van Mahotsav' with students dressed as animals and replicated the story of Sundarlal Bahuguna, Noted Indian Environmentalist (9th Jan to 21st May 2021).

In a once thriving forest, verdant life faded as deforestation took hold. Diverse creatures, from tigers to rabbits, lost their home and perished. Sweltering climate tested human survival and people wandered about the cause when emerged the visionary, Sundarlal Bahuguna, sowing seeds of change as he began planting samplings. Mirroring his steps, others joined. Eventually the air became breathable, animals returned to the forest and temperatures steadied with abundance of food and water once again. All thanks to Sundarlal Bahuguna who taught the significance of trees and sowing trees. Through this beautiful enactment the realization of "Saving Forest, Save Earth" dawned upon the students. Also making them realise that humanity must embrace afforestation.

Promoting Sustainable Fashion. Reproving Fast Fashion

Blue House students presented a skit on sustainable fashion and its implications by engaging in a meaningful dialogue about the significance of adopting eco-friendly clothing practices.

Two students complimented Saina's (fictional



name) outfit and inquired about its source, to which Saina revealed that it belonged to her mother. Adyashree praised the sustainability of such a choice, leading to a discussion about sustainable fashion. Both participants expressed confusion about the term "sustainable". One of the students introduced the topic of sustainable fashion and expressed her observation that it often seems dominated by buzzwords like "biodegradable," "ethical," and "sustainable."

She explained that modern consumerism poses a threat to the environment and referred to the phenomenon of "fast fashion" – mass-produced, trend-driven clothing. The detrimental effects of fast fashion were discussed, including the excessive waste it generates and its contribution to environmental pollution. She pointed out that approximately 92 million out of the 100 million tonnes of clothing produced annually end up in landfills. The negative consequences of fast fashion were further elaborated. The excessive use of water and energy resources, pollution of water sources, and damage to marine life due to microplastics were highlighted. harmful substances in fabric dyes, like lead, and their impact on human health were discussed. The fashion industry's significant contribution to global greenhouse gas emissions was also addressed.

Raising Awareness on Bird Extinction

Students of Std VII raised awareness about birds that are becoming extinct. The 5 birds were Carolina Parakeet, Laughing Owl, Dodo, Great Awk and Passenger Pigeon. Five students from Std V were chosen to dress up as these exotic birds that are facing the wrath of human pollution.

The children were taught that these birds played an important role as seed dispersers throughout the ecosystem they lived in. Their absence has affected the ecology adversely.

Metamorphosis of the Environment

Students of Green House enacted a skit on the evolution of nature's lush and green past to its dead and buried future.

Over the last 100 years, the environment underwent significant changes, as observed through the experiences of two generations. The first speaker recalled living in a natural setting with thatched roofs, surrounded by nature's sounds and beauty. He cherished the simplicity of life, using natural resources and living in harmony with the environment.

However, the second speaker depicted a stark contrast. He resided in a house built from modern materials, witnessing deforestation for construction purposes. Their workplace, a cloth manufacturing industry, contributed to pollution through smoke and chemical discharge, leading to health issues in the community. The disappearance of once common birds like sparrows and kingfishers was a clear indication of the declining biodiversity.



The consequences of these changes were evident: increasing health problems such as cancer and respiratory issues, vanishing forests, depleted ozone layer, and rising temperatures. The rapid growth of industries and urbanization had led to pollution, deforestation, and habitat destruction. Urgent action was needed to restore the balance with nature, preserve biodiversity, and ensure a sustainable future for generations to come. The students were made aware that reversing deforestation is complicated, the loss can never be reclaimed so let's plant more trees, that's simple.

A Stellar Performance: Raising Carbon Footprint Awareness

In a mesmerizing display of creativity and dedication, the students of Blue House orchestrated a captivating skit aimed at raising awareness about the accumulation of greenhouse emissions and its dire consequences on our planet. Through their performance, they shed light on the concept of a carbon footprint and the crucial role each individual plays in shaping the future of our Earth.

Unveiling the Carbon Footprint

The curtain rises, revealing a dynamic skit that introduces the audience to the concept of a carbon footprint. The students depict various daily activities such as using electricity derived from fossil fuels and driving vehicles running on petrol or diesel. These actions contribute to the rise of carbon emissions, leading to global warming. Spectators were instantly transported into a world of environmental awareness as they witness the impact of these actions on Earth.

This made the children to come to a realisation about the far-reaching implications of carbon emissions beyond their own lifetimes. The delicate balance of bio diversity and the vulnerability of species was emphasized. This compelled the viewers to think about the legacy they are leaving for their future generations.

The Three R's of Sustainability

The skit reached its peak with a delightful representation of the Three R's: Reduce, Reuse, and Recycle. The audience witnesses a transformation in shopping habits, as products with lower environmental impact take precedence.

The students compared the reduction of carbon footprint to that of a special dietary habit just as we choose healthier options for our bodies, we must also make conscious choices for our Earth. The students

emphasize the collective responsibility to protect and preserve the environment for a brighter and cleaner future.

DHUN FOR LIVING

Skit on Sustainable Eco-Friendly Homes

The students of the yellow house depicted a skit on an eco-friendly house that has been engineered by two IITians with a model display on the stage.

In a remarkable display of courage and dedication, two IIT alumni have embarked on a journey to create an extraordinary and eco-friendly living space. Kishore Indukuri, formerly employed at Intel in the USA, and his friend, had forsaken their comfortable corporate lives to build a sustainable dwelling that stands as a groundbreaking example of environmentally conscious housing.

The journey of these visionary IITians began with a profound desire to reconnect with nature and prioritize sustainability. Their commitment to this led them to think of an innovative sustainable home, which stands as a witness to their determination to create a harmonious coexistence with the environment.

One of the most striking features of their sustainable abode is the use of Compressed Stabilised Earth Bricks, crafted from locally sourced materials such as red mud, sand, stone dust, gravel, and lime dust. This ingenious choice not only limits material costs but also reduces the environmental impact of the construction process.

What sets this project apart is not only the eco-friendly features but also the passion and determination of the IIT alumni behind it. They have successfully turned their dream of an environmentally conscious home into a reality that has the potential to inspire others.

In a world where environmental consciousness is becoming increasingly vital, our students felt the need to replicate their invention on the stage and to show the others that innovation and dedication can pave the way for a brighter, greener future.

