Bachelor of Engineering: Computer Science & Engineering Information Science & Engineering **Electrical & Electronics Engineering** Computer Science & Engineering

M.B.A., M.C.A., M.Tech.,

Ph.D., M.Sc., (Engg)

Bangalore, June 2021

CMM/BHE/DECL/NPP - 230 / 10 / 2033



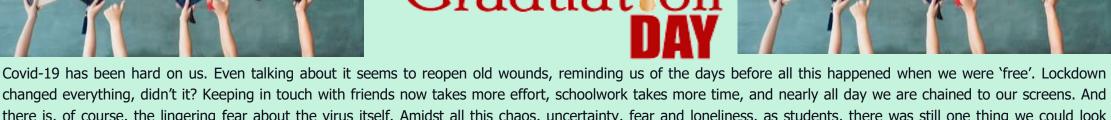
Welcome back!!

Hope all are relaxed, recharged and ready to start the new academic year. Unfortunately, the pandemic still continues and with the rising cases we are bound to stay home and stay safe. Even though last year was challenging, we did not compromise on our academic development and amidst all this chaos we were able to create several platforms where everyone of you was given an opportunity to showcase your talents in various extra curricular activities.

Your enthusiasm is our source of motivation. 'A good education is the foundation of better future' so we will continue to strive hard and bring education at your doorstep and with your cooperation we can overcome any hurdles to run a smooth academic year. All the best for a yet another fruitful year!







there is, of course, the lingering fear about the virus itself. Amidst all this chaos, uncertainty, fear and loneliness, as students, there was still one thing we could look forward to - Graduation Day. We eagerly joined the event with our parents, ready to see what was in store for us. After singing the National Anthem, we were warmly welcomed by the host, our English teacher, Mrs Supreeta George, and then we dived right in.

ones, the funny ones, the artsy and the clever ones, the loud and the quiet ones; the basketball, volleyball, chess, cricket and tennis players, the automotive, tech and airline enthusiasts, the musicians, the avid gamers and readers, the talented painters, the singers and dancers, the leaders, the illustrators, the coders, the cooks, the foodies, the speedcubers and the writers. Yes, we saw everyone.

One by one, we saw all our friends appearing breathtakingly beautiful on screen in their green and gold graduation day costumes. Each student had a line written especially for them, by their teachers reflecting who they were and what they were going to be. We saw everyone – the mischievous ones, the athletic ones, the happy

After our Principal, Mrs Anupama Sethi, and our class teachers lit the lamp, the school choir sang a prayer to Lord Ganesha. This was soon followed by the lighting of five beacons, each of which symbolised an endeavour towards excellence. Aditya, Ishita, Swathi, Amogh and Eshaan, led us through this event, thanking God for the good education, the good values inculcated, the inspiration to put our thoughts into actions; and for every blessing received, here, in our beloved School. In a heartwarming speech, our Principal, Mrs Anupama Sethi congratulated each one of us on our success and encouraged us to remain open-minded and optimistic

Another one of the most exciting events of the day was the Citations of the Best Outgoing Students. Reyna L Ram was presented this Prestigious Award by our Physics teacher, Mrs Helen Chandrashekhar. An all-rounder, the School Captain, Reyna excels in academics and is a brilliant throw-ball player as well. Along with a team of

Pranitha G was also presented this Prestigious Award by our Hindi Teacher, Mrs Meenu Verma. Pranitha is an absolute genius and has consistently topped her class seven times in a row! She was selected for NBA Junior Matches, has been the runner-up in several KISA tournaments, and even has her own Dance Channel on Instagram! Navami Panicker and Adithya Diwakar were awarded the Best Outgoing Sportsperson Awards. The name Navami Panicker is synonymous with excellence in volleyball and

selected for the SGFI National Games in 2019 as well. Adithya, a badminton superstar has represented India, in the Singapore Youth International Series 2019, and Karnataka in many national tournaments too. He is a formidable opponent on the basketball court as well, often defeating rival players in an astonishingly short time. Himaja N, then proceeded to give us an inspiring, thoughtful and honest speech and thanked the teaching and non-teaching staff for their efforts. With the words, 'Keep

winning tournaments. Navami, the School Sports Captain has represented Karnataka in innumerable national tournaments. An inspiration to all, her volleyball team was

Our Honourable Chairman, Dr Mohan Manghnani, in an invigorating letter addressed to the Outgoing Batch, motivated us to ignite the genius within us, forge a path of our own, and contribute meaningfully to our society as responsible citizens.

After this, the choir melodiously sang an emotional song about memories, while pictures of the Delhi Trip, the WonderLa trip, and various happy events took us on a trip down memory lane. Reminiscing all those happy memories certainly brought many a tear to our eyes.

Supreeta ma'am then bid us all farewell, leaving us with a nugget of wisdom, simple yet deep, which provided all we needed for our journey through this life:

Our beloved School Captain, JS Amogh Krishna then took a pledge on behalf of all of us to uphold the School's motto and values.

throughout our lives. Ma'am inspired us to be self-reliant and render help to the needy in society.

brilliant minds, she created an Awareness App that represented India in the Technovation Challenge.

going, you're going to be okay', she encouraged us to make the world a better place.

"No matter which road you choose,

No matter how long it may seem,

Let your heart be your guide on the way."

Remember –

Once a Horizonite, Always a Horizonite,

We all carry a part of other people within us as we go our separate ways. Make it count.

And as I sit here in my room, typing out the last few lines of this page, I just have a simple worthwhile thought for you, the Reader:

Aarush N Ghate

(ICSE)

Grade 10 (2020 – 21 batch)

The following awards were announced during the Virtual Graduation Day Ceremony for the students of Grade 10.

Horizon Award for the Outstanding Student of the Academic Year 2020–21 was given to the was given to the following students for securing the highest percentage in ICSE/SSLC

Graduation Day Ceremony 2020 – 2021

following students: Ishya Reddy – Rs 10,000/- for ICSE Reyna Lakshmi Ram – Rs 10,000/- for ICSE **Aryan Prashanth Kangonkar** – Rs 10,000/- for ICSE 2. **Pranitha S** – Rs 10,000/- for SSLC

(ICSE)

Krithika Sridhar – Rs 10,000/- for SSLC 3.

Achiever's Award



Ms. Navami P XB

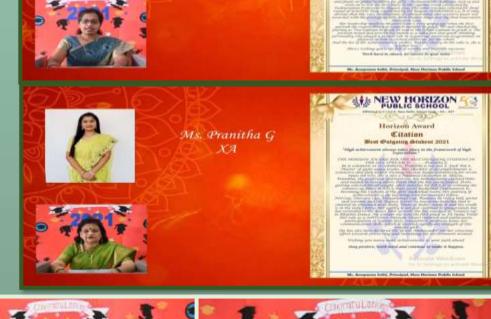




Ms. Reyna Ram

NEW HORIZON

Citation







NEW HORIZON



We believe that your time at New Horizon Public school has equipped you with the knowledge, skill and confidence to carve a niche for yourself and help you develop into self-confident individuals with impeccable character, ready to tackle life's challenges, become responsible citizens and

Every child is special and dreams of becoming someone spectacular one

contribute meaningfully to the society globally.

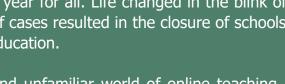




day. I urge the parents not to thrust their dreams and aspirations on their children. Allow them to pursue their dreams and passions. Give them the liberty to pursue whichever career they want, be it a doctor, a dancer or a sportsman. Regardless of the path your child is on, empower them so that they can make their own decisions, face failures and learn from their own



outcome.



Annual academic report

The teachers and students were thrust into a new and unfamiliar world of online teaching. The teachers embraced the challenge thrown at them and worked diligently to ensure a smooth transition from conventional classes to virtual classes. They left no stones unturned to ensure that the high standard of education that New Horizon Public School is associated with is not compromised.

to showcase their skills and talents. The pandemic did not stop us from creating opportunities for the students to display their prowess in various field like music, dance or sports. We know that the pandemic will continue to unearth new challenges in the months to come. We believe that if we work together we can overcome these

difficult times too. We will continue to strive hard to provide the students with a safe and stimulating environment and help improve their learning

School is not just about education and learning. Students look forward to the various activities and programmes in school where they are given a platform

We are sharing some glimpses of the last year in the form of our Annual Report.

Please find below the link for the Annual Academic Report. https://drive.google.com/file/d/13xf7ilg0ljETNcUrzRFJ5awfwpRGLB_t/view?usp=sharing

International Day for Biological Diversity

On account of International Day for Biological Diversity on May 22, 2021, Mr. Vriju Lal M.V., Researcher in Ornithology, Ichthyology, Wildlife Ecology and Sustainability addressed the students of Grades VI, VII, VIII and IX on the topic – Biodiversity for Life. Various Competitions were conducted for the students of Grades 5 to 10.

<u>Grades 5 and 6 – Collage Making</u>

Topic - The Uses of Biodiversity

Students can do the collage either on an A4 sheet paper or digitally.

Grades 7 and 8 – Powerpoint Presentation

The topics and instructions for the events were as follows:

Topic - Ways of Conserving Biodiversity

Students need to create a Powerpoint presentation with a maximum of 4 slides.

Grades 9 and 10 - Painting

Topic - We're part of the solution #For Nature

Students can do the painting either on an A4 sheet paper or digitally.

Grade 7

2nd place: Kriti Sudheer

1st place: Shreyas Pai

The results of the Inter-School Competitions conducted on account of International Day for Biological Diversity

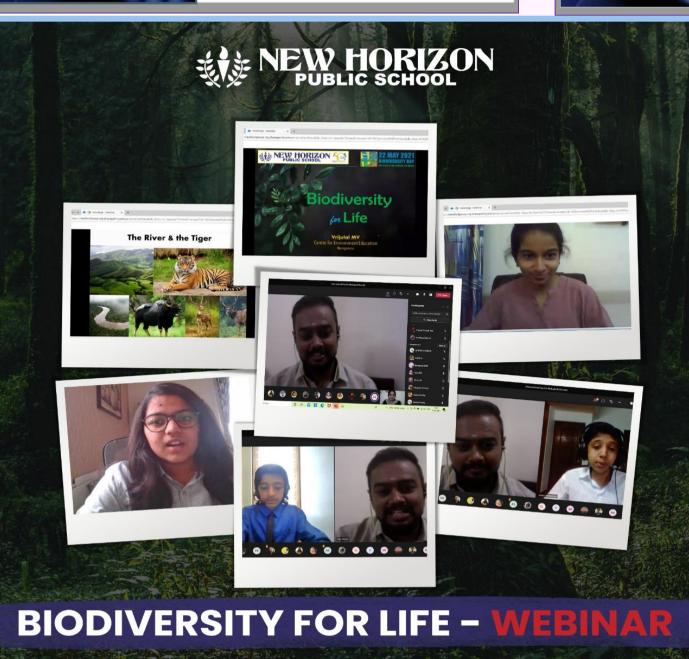
folly ollies CONGRATULATIONS TO THE WINNERS! Grade 5 Grade 8 2nd place: Ushana Kundu and Aastha Kamath 1st place: Chirag Anand •Grade 6 Grade 9 1st place: Abhimanyu Agarwal



2nd place: Gauri Menon and Shriya R 1st place: Katelyn David

2nd place: Sadana T 1st place: Lakshmi S •Grade 10

1st place: Thanmai Sai



The idea for this event started with a small objective – to raise awareness and appreciation about the vital role played by nature in our lives, which more often than not, goes unnoticed. What better day to take a step towards that goal than on the International Day for Biological Diversity! This Webinar, which was the first event of this Academic Year, was organised by a coordinated team of students and teachers and was a bigger success than any of us could have hoped for! We initially expected 50-60 attendees but eventually, the number came up to 150! Our guest speaker for the day ,Mr. Vriju Lal, gave an extremely interesting and informative talk on 'Biodiversity for Life' that was a wonderful journey filled with learning. We now know that without tigers we wouldn't have the water in our homes that we so rely on! The overwhelming enthusiasm shown by our students was truly remarkable. The beautiful artwork and innovative

to the fervour of it all. The success of this Webinar generated a lot of hope too, as we now know that no matter the distance, we can overcome any challenge with a little bit of hard work. We all thoroughly enjoyed this session and are looking forward to many more this new Academic year.

presentations by students was greatly appreciated.

The biodiversity competitions held online only added

9D

Ankita Vakde



International Day for **Biological Diversity** Firstly, we would like to thank our now one of my most favourite days!



22 MAY 2021 **BIODIVERSITY DAY** We're part of the solution #ForNature

We all learn so much while having fun! Some of the most important things that we need to know are - how and why our precious biodiversity is important, ways we can conserve our biodiversity and what makes it so unique! The million benefits we get from it and the many different ways it helps us ... quite

simply ... everything in our life functions the way it is supposed to because of it. We had invited Vriju Sir, who explained the term Bio diversity to us in the best possible way – interactive and informative. Of course, our students' excellent creative works of Art had been displayed as well; none of this would have been possible

without the constant guidance and support of our teachers and Principal Ma'am. I'm sure each of us sees nature from a different perspective now, and would always think of ways to preserve and treasure this absolutely beautiful gift Earth has given us. Sandhyaa Ramesh

9 B

Principal for giving us the wonderful opportunity to organise and attend the Webinar on Biodiversity. We were honoured to be entrusted with the responsibility of organising this event. There was a lot of excitement leading up to this, and planning this Webinar was a great learning experience for the council members of Grade 8. The event went on without a hitch and we were very happy to see that around 150 attendees had joined; it was a lot more than we all were expecting. The Webinar was very interactive and kept us all captivated the entire time. We learned so much as it was very informative. The teachers' help was invaluable and kept improving us. We are happy to say that all our hard work paid off and the event, a memorable experience for all those who attended it, was extremely successful. We are grateful for this opportunity and we hope this was the first Webinar of many more to come. Atulit Subramanian 9 E

Webinar on Biodiversity, to commemorate International Biodiversity Day, this year. All the students have fond memories of Vriju Sir, who has given us, in recent years, a few educational, entertaining and interactive talks on various nature-related topics. So, as soon as we heard that Sir would be giving us our first webinar of the year, we were all super-excited and thrilled to witness him speak on Biodiversity and educate us on the topic. In the speech, Vriju Sir himself shared with us his experiences with respect to biodiversity, and how he did

his part to preserve it. He enlightened us on the countless benefits of preserving biodiversity, how impeccable nature's design is; and how all the parts of an ecosystem overlap to make the perfect living environment, and the means to protect it. He also encouraged us to ask questions and gave equally informative replies. We would all like to convey our boundless gratitude to Vriju Sir, for his amazing speech and we thank our Principal Ma'am, for providing us with this informative and delightful opportunity. We hope to continue learning important lessons like this through many more such events and invigorate the spirit of learning in all of us. **Prahlad Kini**

9E

Our guest speaker, Mr. Vriju Lal, introduced the topic in such an awesome and gripping manner that we were all curious and exhilarated as to what would come next. We were extremely delighted as he effortlessly clarified the concepts. My enthusiasm and zeal were at peak when he discussed the various case studies like the migration of common sparrows away from cities, the population of the tigers that is responsible for water in our perennial rivers, the importance of each species in the food chain; and how the extinction of

For me, till now, this term only meant the variety of living beings on our planet but the Webinar conducted on BIODIVERSITY FOR LIFE by our School on 22nd May 2021, widened and magnified my knowledge on this topic. Now, I realise that biodiversity is the soul of our ecosystem and our being.

species affects our existence. Now I know that each one of us, in our own little way, can contribute to conserving the biodiversity and exhibit our gratitude towards Mother Nature. The presentations made by the students were a delight to watch.

I express my sincere thanks to Principal Ma'am for organising such a knowledgeable and engrossing session and we, as students, are looking forward for many more such sessions.

Chirag Anand 6A

My name is Shantanu Kadiyali. I would like to write a few words describing how grateful my fellow batchmates and I are for the session on Biodiversity that was recently conducted. All of us, without a doubt, really needed the session. During these tough times, we have all been finding it tremendously difficult to stay productive and follow a good routine. The session was really interactive, and with Sir's patience and need for us to learn, the topic was simpler for us to comprehend. Vriju Sir with his effortless yet effective style of communication ensured that we remained captivated throughout the

got to know of a new stream that one could take up as a profession apart from the usual subjects that we are all so familiar with. We are all aware that it takes a lot of effort to organise such a fruitful event. I take this opportunity to thank our Principal Ma'am, on behalf of our entire batch for this initiative. I would also like to request the institution to conduct more sessions like this in the future that will provide us an exposure

session. His use of case studies, including his own, gave us deeper insights into the Subject. The refreshing aspect to the entire session was that we

Shantanu Kadiyali 9E

to greater avenues. Thank you once again!

On the account of International Day of Biodiversity celebrated on 22nd May Mr. Vriju Lal M.V., a researcher in Ornithology, Ichthyology, Wildlife Ecology and Sustainability was invited to conduct a session on "Biodiversity for Life" for the students at New Horizon Public School. The session started with an animal guiz and Vriju Sir was impressed by the prompt responses of the students. He explained that the weeds growing in the banks of the river absorb water during the monsoon and slowly release it during the dry seasons making the river perennial. The large population of bison that resides in the region eats the weeds and only the tiger can eat these large creatures. Thus, there would be no water supply to cities like Bangalore if the tigers would not have existed in the Western Ghats. Sir also made us go through some case studies taken up by his fellow researchers. He took up the project of creating the open bird park in Mangalore in 2017. The intriguing session concluded with lots of interactive questions. I would like to thank our principal ma'am Ms. Anupama Sethi for organizing such an intellectual session by a genuine naturalist who has done an extensive study on the ecosystem, birds, fishes, and other animals. We look forward to being a part of more of such enlightening sessions. **Dev Kumar**

7D

A Twist in the Tale

Rahul jumped out from bed at midnight. He could not stop thinking about what Michael had told him. Not knowing about things drove him crazy. Michael's exact words were – "I saw your father at the Thornhill Mansion. He definitely knew something! Why else would he go to an abandoned mansion?" Those were the three sentences that managed to steal all of Rahul's peace. He did not know whom to trust anymore - his childhood friend, Michael or his criminal father. His father had promised Rahul that he would not be involved in any crime, the day after his release from jail. It was hard to believe him; people do not change so easily especially in their town. The Mayor had been murdered; her death was so sudden that people still had not come to terms with it when the news passed on from lip-to-lip. People loved her which is why they questioned the motive behind her murder. Some also wondered if the Mayor had been hiding something. The Sheriff had been working on the case for one week. The only two suspects were Hadley Solver and Lucas Scott, both of them were new in the town Watch Bread. They had some kind of business agreement which had led to this horrible disaster; some people even said that it was inevitable. The Thornhill Mansion was supposedly where the killing happened; that was why it was abandoned and off limits. Rahul would not just sit there doing nothing, so he decided to go to the mansion. It was his only choice; he wanted to find out the truth though he was scared of it. But unlike the rest of the folks, he grabbed his jacket, drank some water, took his phone and headed out to the Mansion and after an hour's drive he finally reached his destination. His eyes twitched at the sight of the mansion; he had never liked this place. He had developed an aversion to it when he was about five years old. As he entered the main hall, he could feel his hands tremble and was terrified. A few seconds later, what he saw was absolutely shocking!



The person standing there was not his father but someone he never thought he would see again - Mayor Lisa, talking to some guys who looked like goons. Rahul called the police immediately; he even took a picture so that people would believe him. Mayor Lisa was alive, she had faked her own death and before Rahul could figure out why, the police arrived. They thanked him and safely took him home where his father was waiting for him. Michael had mistaken one of those goons for his father. After a few days, Rahul read in the newspaper that Lisa was a major drug dealer and had faked her own death as she was scared of being caught; but had failed – all thanks to Rahul, who had become a town hero now.

Swati Adiga 10 D

Self control



Do you have control over yourself?

How many of us can control our inner selves - our thoughts and desires? Can we keep emotions like sadness, anger, jealousy and irritability under check? The response to this, from most of us will be an emphatic NO.

Are we the sole controllers of everything in our life or are we being controlled by our own mind? One aspect that has a lot of influence on how we behave is how much of self-control we have – both physical and mental.

Self-control is the ability to control our impulses and delay our gratification. It is about focusing on our long-term goals while putting off short-term temptations consciously, because these may be impediments in our efforts. In simple terms, self-control can be defined as the ability to control one's emotions and desires, especially in difficult situations.

We hear these words often – self-discipline, self-confidence, selfassessment, self-monitoring, self-management, self-esteem, selfcontrol...... and the list goes on endlessly. The self being referred to, is the body, mind and soul, depending upon different contexts. A successful man is he who has self-discipline and who assesses himself often, and tries to advance himself on the path of progress.

An experiment conducted, called Marshmallow test proves the fact that children who could forego immediate temptation to achieve higher goals were able to achieve better life outcomes, higher education and higher social skills and experience less stress later on in their lives.

Today we hear so many incidents where physical harm is being inflicted on each other sometimes on trivial issues. We see this trend everywhere around us – on roads, in schools, sports arenas etc. This is primarily happening because people do not have control over their emotions. This loss of inner self control manifests itself in the form of physical violence. This is one more reason why inner peace becomes very important.

Self-control leads to healthy living, a positive attitude and improved self-management in all aspects of life. On the other hand, one who cannot control his mind lives always with his greatest enemy and his life's mission is jeopardized.

So, the next question that arises is – are we in total control of ourselves? Let's see what our scriptures say.

Aatmaanaam rathinam viddhi, Shareeram rathameva tu Buddhim tu Saaradhim viddhi, manah pragraham eva ca

Indriyaani hayaan aahur vishayaams tesu gocaraan

Aatmendriya-mano-yuktam bhoktety aahur manishinah Katha Upanishad deals with the allegoric expression of the self.

(An allegory is a metaphor or comparison, in which a character,

place or event is used to reveal a hidden message or to deliver a broader message about real-world issues and occurrences).

The body is equated to a chariot where the horses are the senses, the reins are the mind, and the charioteer is the intellect. The master of the chariot is the Soul, on forgetting which the charioteer's intellect becomes absorbed in the field of action. He who has the understanding of the driver of the chariot and controls the rein of his mind, reaches the end of the journey, the Supreme Abode of eternal knowledge and bliss. — Katha Upanishad 1.3.10-11.

Let's make our real self (soul) control the other selves (senses, mind, intelligence) and live a meaningful life.

Values Plus Team

Students Creative Corner



Nidhi J 6 D



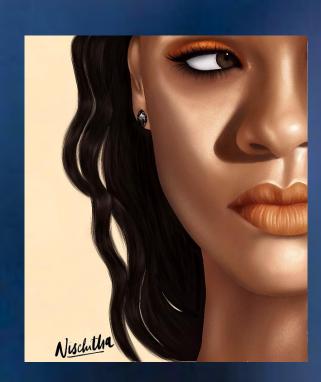
Akshara P

2 A

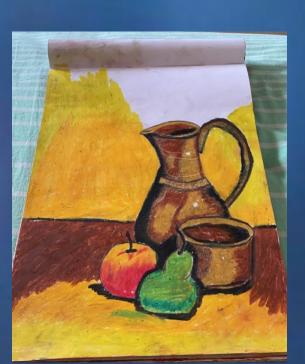
Diya Prathap Ghorpade 3 D



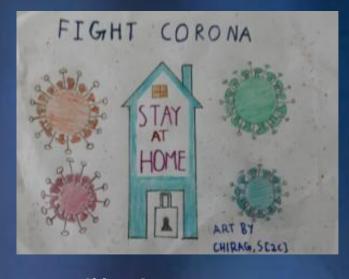
Ishanvi Vijay 3 E



Nischitha J 10 B



Mihika Chauhan 2 D



Chirag Samant
2 C



Hima Stuthi LKG B



Kavya Agarwal LKG D



Sai Inchara 2 B

BEHIND THE SCENE

Publisher: Dr. Mohan Manghnani Chief Editor: Mrs. Anupama Sethi

Editor: Ms. Sylvia M, Ms. Leena T P, Ms. Ruhi H,

Ms. Shruthi P, Ms. Rachna P J

Design and Layout: Computer Department, NHPS

Editorial Assistant : Ms. Uma M Photography : Mr. Lakshmikanth