

November - March 2024-25



"The pages of today's efforts write the story of tomorrow's success."

### Look At The Bright Side

Learn to look at the bright side, The good things in life.

Do not let the shadow of discouragement And despondency fall on your path.

Never doubt for a moment that everything Will turn out for the best in the end.

If you believe firmly in yourself you will be given The strength to do some day what may now Seem to be impossible.

Your effort and success will accord with The amount of faith and hope you put into your work.

Do not anticipate trouble.

Cut out all anxiety and advance fearlessly and bravely.

Take the road and it will lead you to the goal, though strewn with difficulties.

Don't fret and give up in despair if you don't 'arrive'
As soon as you would like to;
All progress, of the best kind, is slow;
But to him who works faithfully and in a right
Spirit will be given the reward in good time.

Hold up your head and look the world in the face;
Hold your ground and march bravely forward,
Over all obstacles, and the world will make way for you.
"They can who think they can."

George F. Butler

# Principal's Message

# -Senior School



### Antaḥ Asti Ārambhaḥ: A Year of Gratitude, Growth and New Beginnings!

As we reach the end of 2024-25, the year has been filled with achievements, lessons and moments of growth. God Almighty has guided me and all of us in making every step smooth and effortless. It is with a heart full of thanks that I acknowledge His grace and the unwavering support of our school community. I wish to thank all our stakeholders – the Management, Parents, Students, Coordinators, Section Heads, Teachers, Admin Dept., well-wishers and support staff for embracing the new changes that set the tone for a resonating Academic Year. As the final bell rings, we find ourselves standing at the threshold of both an ending and a new beginning. I am reminded of students who, on the first day of school, clutched their backpack tightly, eyes filled with both excitement and uncertainty walked through the school gates. Over the months, the same students— grew in confidence, faced challenges, celebrated victories and learnt valuable lessons beyond textbooks.

Today, as we close this chapter, we see the same students, with brighter eyes, stronger hearts and dreams ready to take flight. This year has been a journey of resilience, learning and togetherness, and while we pause to celebrate, we also look forward with hope—because every ending holds the promise of a new beginning

I am once again reminded of the tagline set by me as the theme for the year:

#### "Antaḥ Asti Ārambhaḥ - At every end, there is a new beginning".

For me - A year has passed, a chapter new, a journey fresh, a dream come true.

To the CEO and Management - with a vision so wide, your strength and wisdom were my guide.

To the Parents standing side by side, your trust and faith are my source of pride.

To the Students bright, so bold, so true, the future shines because of you.

To the Teachers wise, with hearts so kind, your wisdom lights both soul and mind.

To the Admin team, behind the scene, your efforts fuel the school's dreams.

Through grace divine we faced each state, we challenged ourselves and learnt to celebrate So now we pause, reflect and cheer— For together we've built this memorable year!

Śubham bhavatu ... Dhan'yavādah!

By Ms. Priyanka Suresh Sr. Principal

# Principal's Message

#### - Junior School



#### Dear Students & Parents,

As we reach the end of another wonderful academic year, I want to take a moment to express my heartfelt gratitude to each of you. This year has been a journey of learning, growth and discovery—not just in academics but in life itself.

To my dear students, as you move forward, I urge you to carry with you not just the knowledge you have gained but also the life skills and values that will shape you into compassionate and responsible individuals. Beyond textbooks and exams, you have learned the importance of kindness, gratitude, resilience, empathy and self-love. These are the lessons that will guide you through life's challenges and joys.

Kindness has the power to brighten someone's day—whether it's a simple smile, a helping hand or a kind word.

Gratitude reminds us to appreciate what we have and the people around us. A thankful heart finds happiness even in the smallest of things.

Emotional awareness helps you understand your feelings and those of others. It teaches you that it's okay to feel joy, sadness, excitement or even frustration—what matters is how you handle them.

Empathy allows you to step into someone else's shoes, to listen, to care and to be there for others.

**Self-love** is knowing that you are unique, valuable and enough just as you are. Believe in

yourself, embrace your strengths and never stop growing.

To our wonderful parents, thank you for being our partners in this journey. Your love, encouragement and support at home makes all the difference in your child's learning and development. We deeply appreciate your trust and involvement.

To our dedicated teachers and staff, your passion, patience and unwavering commitment have made this school a place of inspiration and growth. Your efforts shape not only young minds but also young hearts.

As we take a well-deserved break, let us all continue to learn, grow and be the best versions of ourselves. Read a book, explore new hobbies, spend time with loved ones, and most importantly, be kind to yourself and others. Life is a continuous journey of learning and each day is an opportunity to become better.

Thank you for making this year so special. Wishing you all a joyful, restful and meaningful break. We look forward to welcoming you back for another year of learning, discovery and success!

GOD BLESS!!

Ms. Rajee Samjith Jr. Principal



Ms. Sherly

Ms. Anu Treesa

#### **EDITORIAL**

#### A Note from the Editor's Desk

The world is moved along not only by the mighty shoves of its heroes, but also by the aggregate of the tiny pushes of each honest worker.

As we come to the end of an incredible year, it is a joy to reflect on the multitude of exciting activities, initiatives and new opportunities that have been introduced to enrich our school community. This year has been one of growth, creativity and collaboration, as our students have embraced challenges and made remarkable

strides in both academics and extracurricular pursuits.

One of the most exciting additions to this academic year has been the introduction of a broader range of school activities. From robotics and coding workshops to drama, music and skill groups, students have found numerous ways to explore their passions beyond the classroom. The response has been overwhelming, with students showing an eagerness to dive into these activities, whether it's designing innovative tech solutions, acting in a play or contributing to skill initiatives. It's been inspiring to witness their enthusiasm and dedication.

In conclusion, the second volume of our school newsletter captures not just the Academic achievements of our students but the spirit of creativity, collaboration and leadership that defines this school year where each student's contribution mattered. We extend our heartfelt thanks to each and every one of you for being a part of this

incredible journey. Your support means the world to us and we look forward to continuing this journey with you in the volumes to come.

We express our gratitude towards the unflinching support and motivation provided by the Management of the school for letting us assume the responsibility of bringing out this edition of the newsletter.

We do hope you will have as much fun reading it as we had compiling it. Happy Reading!

#### **Chief Editors**

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# Children's Day



#### CHILDREN'S DAY CELEBRATION

Children's Day was celebrated by the tiny tots of Pre-Primary on Thursday, the 14th of November 2024. A surprise event was organised by the teachers in the auditorium, where they performed dances, sang songs and acted out scenes as students. The theme was "A Picnic Day at School". Students embraced the spirit by dressing in picnic attire, donning goggles and bringing along their picnic baskets filled with their favourite snacks.

Teachers organised games for the little ones, including passing the ball, cup race and a delightful game of stacking the rings. The joyful giggles and cheers filled the air, as the children eagerly participated in each activity, their faces lit up with excitement and happiness. A special movie was screened, where students watched their favourite character. The celebration not only brought immense joy and fun but also strengthened the bonds of friendship among the little ones.

As the day came to an end, the children left with hearts full of joy eagerly looking forward to the next celebration. It was a day filled with laughter, learning and love, creating cherished memories that would last a lifetime.

#### Shades and Hues









#### SHADES AND HUES - ORANGE

The Pre-Primary students celebrated Orange Day with enthusiasm and joy on Friday, the 22nd of November 2024. The vibrant day began with a special assembly conducted by the KG-I students and teachers. Children confidently spoke about various objects in orange, such as safety jackets, basketballs and the cheerful fish Nemo, showcasing their knowledge and communication skills.

The celebration continued with engaging group activities in each class. Students participated in creative art and craft projects, such as colouring and making orange-themed items, which added to the fun and excitement.

The theatre room was beautifully decorated in shades of orange, creating a cheerful atmosphere. Teachers used the opportunity to explain the significance of the colour – orange, making the day both enjoyable and educational.

Orange Day was a delightful experience for the young learners, fostering creativity, confidence and a deeper appreciation for colours. It was truly a day to remember.

#### Shades and Hues



#### SHADES AND HUES - PURPLE

The Pre-Primary segment celebrated "Shades and Hues of Purple" on Thursday, the 30th of January 2025, with great enthusiasm. The event was organised by the students and teachers of KG-II and showcased the vibrancy of the colour purple through engaging activities.

The assembly began with a story narration by a teacher, using interactive slides on the smart board to highlight the significance of the colour. The young learners of KG-II took centre stage, confidently anchoring the event, presenting a delightful skit and performing a lively song and dance dedicated to the colour purple. Their enthusiasm and participation made the celebration truly special.

As a token of appreciation, thoughtful takeaways were presented to all staff members attending the event. The celebration was a wonderful blend of learning, creativity and joyful participation, making it a memorable experience for everyone involved.

# Community Helpers



On December 17th, the students of KG - I and KG -II enthusiastically embraced the theme of "Community Helpers." This engaging activity aimed to instil in young minds an appreciation for the invaluable contributions of those who serve and support our community.

The little ones came dressed up as various professionals such as doctors, teachers, firefighters, police officers, farmers and more. Each child confidently spoke about the roles and responsibilities of the community helper they portrayed, showcasing their creativity and understanding.

The event fostered a sense of gratitude, respect and awareness among the students. It also provided them with a platform to develop public speaking skills and self-confidence in a fun and interactive manner.

## Christmas Celebration



The spirit of Christmas was brought alive as the tiny tots celebrated the festival with great joy and enthusiasm. A special assembly was conducted to explain the significance of Christmas and spread the message of love and sharing.

The event began with melodious Christmas carols sung by the children, filling the air with festive cheer which was followed by a vibrant dance performance that added energy to the celebration. The highlight of the program was a heartwarming enactment of the Nativity scene by the little ones from KG II, which beautifully depicted the birth of Jesus Christ.

The most exciting moment for the children was the grand entry of Santa Claus, who spread joy and distributed goodies. The children, dressed in festive red and green attire, participated enthusiastically and enjoyed every moment of the celebration.

The event concluded on a joyful note, leaving everyone with cherished memories and a deep appreciation for the true essence of Christmas.

# Picnic - Nursery



"Every child is a different kind of flower and all together, they make this world a beautiful garden."

The little ones from Nursery embarked on a joyful picnic to Sardar Vallabhbhai Patel Park, Yelahanka New Town, on Friday, 24th January 2025. Their excitement began right from the bus ride, where they sang songs, clapped and laughed with their friends.

At the park, children had a wonderful time dancing, singing and playing on the lush green lawns. They relished delicious snacks and enjoyed the open space, making beautiful memories. Even after returning to school, their excitement remained high, carrying the joy of the day with them.

As a sweet reminder of their fun-filled outing, special takeaways were sent home, ensuring this picnic remained a cherished memory!

Classroom Walkthrough





For the first time ever, our school organised a three-day immersive Classroom Walkthrough for students from Playgroup to Grade II, held on February 11th, 12th, and 13th. The event provided every child the chance to present and explain a topic, building confidence and communication skills, while parents celebrated the transformed corridors - adorned with theme-based decorations.

At NPS,Ckbnr, Day 1 featured engaging activities across grades. Playgroup students show-cased hands-on activities and artwork with a creative photo frame making session. Nursery students participated in an English ramp walk with phonic songs, explored numbers in Math using Montessori tools and discussed seasons in EVS with rhymes like "Sow a little seed" and "I hear thunder." **KG-II** students used role-plays with picture cards for action words in English, learned ordinal numbers through a toy car parking activity in Math and experienced the five senses via sorting games, a sensory walk, blindfolded scent guessing and a taste session.

Grade I students presented creatively in English a "Time Travel" session on prepositions, combined with a story enactment for prepositions of place and a memory game. Their Math session, "Math Magic Party," introduced tens and ones through a numbers birthday party, safari and hop-scotch addition game. In EVS, the "Kingdom Plantae" session in a gazebo and the "Parts of a Plant" session in the school garden featured quizzes, role plays and interactive games, all paired with engaging takeaways.

# Classroom Walkthrough



On Day 2, KG-I (A, B, C) engaged in an English session on vowels using a dice game to pick and stick vowels on a tree. In Math, they arranged numbers 1-10 and played a value counting game matching balls and drumbeats. The EVS session on road safety featured a live road setup with students dressed as traffic policemen, elderly citizens, vendors and included a mini fuel station where they refuelled toy vehicles.

KG-II (C & D) focused on action words in English with students and parents enacting various actions. In Math, they explored ordinal numbers by arranging toy cars in a sequence. The EVS session centred on Community Helpers, where students dressed as Doctors, Teachers, Chefs, Beauticians, Lawyers and Firefighters, participated in a tool sorting game and solved a community helper jigsaw puzzle to reinforce their understanding.

# Classroom Walkthrough



On the final day, Grade II students introduced adjectives in English through a story and engaged in an interactive scavenger hunt and treasure box pick and speak activities. A similar approach was used for a conjunctions session with puzzles and pick and speak activities, followed by a bookmark as a takeaway. Mathematics session featured a crocodile story and song to explain number comparisons, with a crocodile bookmark as a takeaway. Another activity used a staircase setup to demonstrate ascending and descending order, engaging parents in arranging ducks and lining up by height, with a flashcard to reinforce the concept. EVS blended creativity with learning: the water topic was taught using models, charts and props to explain its sources, forms, uses and cycle, followed by a bookmark-colouring activity on saving water. The day and night topic transformed two classrooms into immersive zones where participants observed differences, drew objects seen in each phase and enjoyed a thrilling scary house in the night room.

Overall, Day 3 concluded as a huge success, leaving parents impressed by the confident, innovative and interactive presentations that highlighted the school's commitment to engaging, student-led learning.

# Pienie - KG-1 & KG-11



The students of KG-I and KG-II embarked on an exciting picnic to the picturesque Rangoli Gardens on Tuesday, the 25th of February 2025. Boarding the school bus with palpable enthusiasm, the young learners were warmly welcomed upon arrival with refreshing juice and delicious cream buns. The day was alive with laughter and energy as the children enjoyed a series of engaging activities, including an energetic play on a bouncing castle, a charming Tonga ride with a traditional touch and a captivating magic show that sparked their imagination and left them completely in awe. They also experienced a rare visual treat of village life, marvelling at a detailed setup complete with statues that recreated a charming village scene. After savouring a variety of snacks, the little ones hit the dance floor to show off their joyful moves. As the day came to an end, each student was treated to a final serving of juice and popcorn, ensuring they left with smiles and lasting memories.

# Young Artist



















National Public School, Chikkabanavara hosted a vibrant Young Artist event for Playgroup, Nursery, KG-I and KG-II on Monday, the 3rd of March 2025, in their respective classrooms. The event provided a creative platform for our young learners to express themselves through art, with each segment showcasing a unique theme. In the Playgroup and Nursery classes, students enthusiastically coloured pictures on the theme "Colourful Garden." They used a variety of bright colours and techniques to bring their imaginative gardens to life and each child was provided with a worksheet to further explore their artistic skills.

In the KG-I classes, the focus shifted to a more personal theme as students drew and coloured pictures on "My Home and Family." Their artwork captured the warmth and uniqueness of their family, demonstrating both creativity and attention to detail. Meanwhile, KG-II students immersed themselves in an oceanic adventure, illustrating vibrant pictures of the ocean filled with colourful water animals. Their artwork showcased a dynamic use of colours and imaginative portrayals of marine life. The Young Artist event was a delightful celebration of creativity and self-expression, reflecting the exceptional talent and enthusiasm of our young artists while reinforcing the importance of art in early education.

# Class Party



The last day for students of Playgroup, Nursery, KG-I and KG-II was marked by a vibrant Class Party on Monday, the 24th of March 2025, that celebrated friendships and the close of an incredible year. Dressed in Jeans and T-shirts, the young learners brought along their favourite snacks, which they joyfully shared with friends. The festive atmosphere was filled with lively dance sessions, engaging games and genuine smiles that lit up the day. As a special takeaway, colourful eye masks were gifted to each student, serving as a keepsake of the fun-filled celebration. In a heartwarming gesture, the KG-I students presented a bookmark to their KG-II friends - a token of love and best wishes as they bid farewell to the Pre-Primary Wing. Class photographs were taken to capture these cherished moments, ensuring that the happy memories will be treasured for years to come.

# Graduation Day



The kindergarten graduation ceremony, themed "Mariposa Magic", was an enchanting celebration held in our school auditorium. The stage was transformed into a magical butterfly haven, adorned with fluttering wings and vibrant hues. In a truly captivating scene, students, dressed in graduation gowns and caps, walked down the aisle alongside their teachers, who also wore matching gowns and caps, each holding a beautiful, vibrant butterfly- a symbol of their transformation and growth. The event was a heartfelt celebration of new beginnings. A moving dance performance depicted the journey from cocoon to butterfly, symbolising how our little ones, once safely cocooned in pre-primary, are now ready to soar into the adventures of Grade I. One of the highlights of the day was the display of the AI-generated pictures showing what the students aspire to be in the future. Each child received a goodie bag containing a handwritten note from their teacher, making the moment personal and memorable. Teachers also shared touching reflections by reading out each student's name, describing their unique qualities-a gesture that resonated deeply with everyone present.

The ceremony was further enriched by heartwarming songs; the students dedicated a touching performance to thank their parents for their support, while the teachers reciprocated with a song wishing the graduates good luck as they step into formal schooling. Gratitude extended beyond the students and teachers, as a token of appreciation was presented to the supporting staff, school bus drivers and attenders, recognising their vital contributions to our school community. A montage capturing precious memories of the KG-II children further evoked nostalgia and joy, highlighting the remarkable journey of the academic year. The Kindergarten Graduation Day was not just a milestone; it was a celebration of growth, dreams and the enduring magic of learning. It was indeed a day that will forever hold a special place

in the hearts of our school community.

# Deepavali Celebration



On 30th October, NPS Ckbnr came alive with vibrant colours and festive spirit as students, teachers and staff gathered to celebrate Deepavali. The celebrations began with a special assembly. Pre-primary and Grade V students performed a beautiful dance sequence that depicted the festive spirit. Adding to the celebratory atmosphere, the school choir sang a melodious song followed by a speech on the significance of Deepavali, the festival of lights.

As part of the Deepanjali Fest, various competitions were organised, allowing students to showcase their creativity and skills. The events included Diya Decoration, Toran Making, Swastik and Thali Decoration Competitions for the students of Grades I to VII. The students displayed their artistic flair in the Diya Decoration Competition, transforming simple earthen Diyas into beautiful, colourful pieces that lit up the spirit of the festival.

Toran and Swastik Making Competitions were equally engaging, with students designing unique Torans that embodied the traditional welcome and festive cheer associated with Deepavali.

Thali decoration competition in which students adorned their plates with a blend of traditional and modern themes. The thalis were decorated with elements like flowers, rangoli designs, and decorative items. Grades IX and X students participated in the Inter-House Rangoli Competition.

The Deepanjali Fest was not only a celebration of Deepavali but also an opportunity for students to connect with their cultural roots and learn the significance of traditional festivals.

Kannada Rajyotsava



Celebrating the Pride and Beauty of Karnataka

On 7th November 2024, NPS, Ckbnr came together to celebrate Kannada Rajyotsava in the School auditorium. The culturally rich event, filled with enthusiasm and pride for Karnataka commenced with the auspicious lighting of the traditional lamp.

Students presented various cultural performances showcasing Karnataka's rich heritage. They presented a unique folk dance 'Kamsale' capturing the essence of traditional Karnataka culture. Recitations in Kannada, a skit and a group song by the school choir celebrating the language and notable achievements of the state were presented by the students. Adding a traditional touch to the event, both the Masters of Ceremony were dressed in vibrant Yakshagana costumes, which represented the traditional folk art of Karnataka.

The event concluded with the rendition of the state anthem, Jaya Bharatha Janani-ya Tanujate, which created a patriotic atmosphere.

As part of the Kannada Rajyotsava celebrations, a series of competitions were conducted and students from all the grades actively participated and showcased their talents.

Students of Grades I and II participated in a poem recitation competition, where they recited beautiful Kannada poems. Their confidence and expressions highlighted their affection for the language.

Students of Grades III-V took part in story-telling competition with pictures. They narrated engaging tales, using images to bring their stories to life. They also delivered speeches on famous monuments, such as Hampi, Mysore Palace and Gol Gumbaz, reflecting the state's architectural and cultural significance.

Students of Grades VI and VII sang folk songs and recited 'vachanas' - by famous poets, Basavanna and Akka Mahadevi, celebrating Karnataka's traditional music. Their performances emphasised the diverse musical traditions of the state.

Senior students of Grades IX and X participated in Inter-House Competitions wherein they had Pick-and-Speak and Debate Competitions.

Children's Day



Celebrating the Joy and Spirit of Childhood

NPS, Ckbnr celebrated Children's Day on November 14, 2024, to enjoy the spirit of childhood. The day was packed with exciting activities, entertaining performances and memorable moments that made the celebration truly special for all students.

The celebration began with a special assembly conducted by the teachers, who surprised the students by dressing up in school uniforms. This unique gesture brought smiles to everyone's faces and the assembly included a beautiful rendition of the morning prayer, thought for the day and news reading.

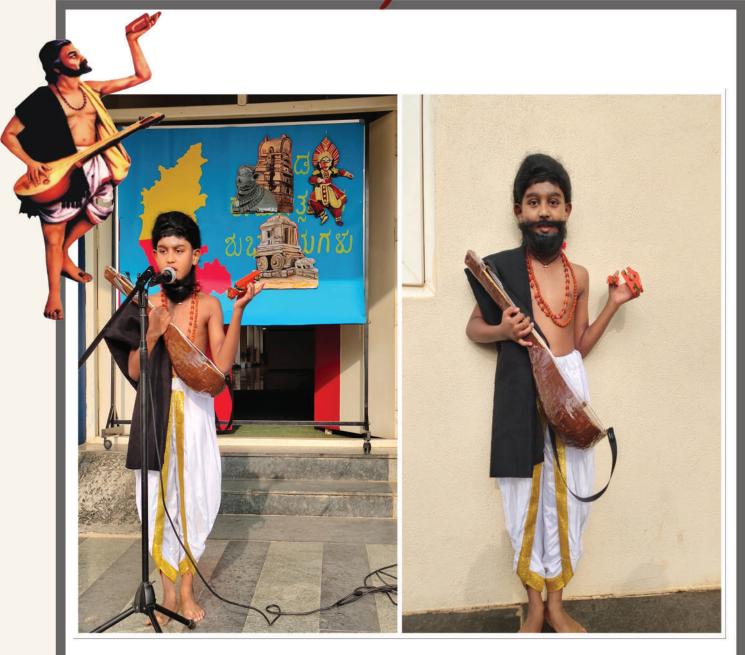
The highlight of the day was the Throw ball match between the teachers and students, which was met with cheering from all. Both teams played excellently, and the students were thrilled to compete against their teachers in such a fun and spirited environment. The students also participated in the Inter-House Tug of War game that was filled with laughter, healthy competition and an enthusiastic display of sportsmanship.

Following the sports activities, each class held its own class party, where students enjoyed snacks, games and lively conversations. These class parties allowed everyone to relax and celebrate with friends and teachers, strengthening the bond within each classroom.

The day concluded with a cultural programme that showcased a variety of performances by the teachers. It included solo song, group song, skit and dance performances. The skit was performed by the teachers, where they portrayed themselves as students, bringing to life humorous and relatable scenes of school life. The teachers' lively expressions had the audience laughing and cheering, making it a memorable performance for all.

It was a day to cherish and celebrate childhood and it left a lasting impression on both students and teachers.

# Kanakadasa Jayanthi



#### Celebrating the Legacy of Equality and Devotion

Kanakadasa Jayanthi was observed by the students and staff of NPS, Ckbnr on November 19, 2024. A special assembly was conducted to commemorate the life and contributions of Kanakadasa, the renowned 16th-century poet, philosopher and saint from Karnataka.

Krushan S Shetty of Grade IV B was dressed as Kanakadasa and sang a soulful song on the life and teachings of Kanakadasa, emphasising his effort towards social equality and devotion to Lord Krishna.

# Expert's Edge - Guiding Future Financial Leaders



On November 22, 2024, NPS, Ckbnr organised an expert talk on Career Counselling for students of Grades X and XII, focusing on the profession of Chartered Accountancy (CA).

The expert talk was conducted by Mr. Lakshmi Narasimhan Raghavan, a distinguished Fellow Chartered Accountant (FCA) and Certified Public Accountant (CPA) with over 25 years of experience. The session aimed to guide students on the pathway to become successful Chartered Accountants and provide insights into the career opportunities in the field of Finance and Accounting.

The speaker began by introducing the profession, highlighting its significance in the financial and business sectors. He further explained the various stages involved in the course, including the Foundation, Intermediate and Final levels, along with the required training. The talk emphasised the importance of dedication, discipline and analytical thinking in pursuing a CA career. The expert also provided clarity on the challenges and rewards it offers. He focused on the eligibility criteria, study tips, skill development, career opportunities and future trends.

The session concluded with a question-and-answer session where students asked questions about entrance exam preparation and career growth.



# Expert's Edge - Navigating The Legal Path & Entrepreneurship







An expert talk on career opportunities and the diverse options available within the legal profession was delivered by Ms. Preethi Menon, a distinguished legal professional with extensive experience in the field, at NPS, Ckbnr on November 23, 2024, for Grades X and XII. The session aimed to provide clarity on pursuing a career in law and the relevance of law in everyday life and its role in shaping society. Ms. Preethi also emphasised that law is not only about litigation but also includes a broad spectrum of career options such as corporate law, intellectual property etc., She spoke about the eligibility and entrance exams and gave the students an overview of the academic path to becoming a

A lively question and answer session followed, where students sought advice on preparing for law school. The expert offered practical tips and encouraged students to pursue their interests with dedication and curiosity.

#### Entrepreneurship

The Entrepreneurship and Innovation Management Resource (EIMR) workshop for students of Grades XI and XII was conducted by Ms. Victoria (Head – Partnerships) at NPS. The session aimed to introduce students to the fundamentals of entrepreneurship, encouraging innovation, problem-solving, and business acumen.

Ms. Victoria highlighted the significance of identifying market gaps, developing innovative ideas and taking calculated risks. Through real-world examples, she explained how successful entrepreneurs navigate challenges and seize opportunities. The session included interactive activities such as brainstorming business ideas, case study discussions and group presentations, which helped students apply theoretical concepts to practical

Ms. Victoria also provided guidance on entrepreneurial resources, funding opportunities and startup planning. Overall, the EIMR workshop was a great success, equipping students with essential skills and a deeper understanding of entrepreneurship.

Expert's Edge

- Agriculture, A Gateway to Endless Opportunities



A career guidance talk was conducted by the ICAR-IIHR (Indian Council of Agricultural Research - Indian Institute of Horticultural Research) for students of Grades IX, X and XI on December 02, 2024 in the School Auditorium. The session highlighted the immense potential in the field of agriculture focusing on innovative careers and emerging opportunities in the sustainable practices.

The session was conducted by Dr. Ranjitha K, Senior Scientist, Food Microbiology, Dr. Sridhar Gutam, Principal Scientist, Plant Physiology, Dr. Ramesh KV, Scientist, Plant Physiologist and the Ph.D students – Ms. Sreelekshmi, Ms. Jessa Joseph, Mr. Abhijith JS and Ms. Nabiya S Khan

They all addressed the students and highlighted various domains within agriculture, including Biotechnology, Precision Farming Agribusiness Management and Food Technology. The speakers emphasised how students could harness cuttingedge technologies to transform agricultural practices.

The programme also introduced students to scholarships, degree programs and entrepreneurial opportunities offered by ICAR and affiliated institutes. Through practical examples and success stories of famous personalities, students gained insights into how agriculture contributes to economic growth.

Introduction to the various academic courses and the specialised programmes, including ICAR-affiliated universities was informed along with the scholarship opportunities to support aspiring students. The session was followed by an interactive question and answer session.

Sports Day. - Juniors



#### "Wildspace 2024-25"

The Junior School Sports Day 2024, themed Wildspace, celebrated on November 29, 2024, was a spectacular celebration that combined the wonders of the universe with the untamed energy of the jungle. The event held at the School Ground brought together students, parents and faculty in a joyous display of creativity, teamwork and sportsmanship.

The event began with a grand welcome of the Chief Guest, Ms. Khudsiya Nasreen, an International Masters Weightlifting Champion and World Record Holder accompanied by the CEO and the Senior and Junior School Principals. The NCC cadets escorted the guests with pride and precision marking the beginning of an extraordinary day. The ceremonial hoisting of the school flag followed by the School Anthem signalled the official start of Wildspace filling the atmosphere with unity and pride. A colourful Walk Past by students from Pre-Nursery to Grade II showcased their enthusiasm, each grade representing themes inspired by galaxies, planets, animals and the jungle.

the jungle.
KG II students introduced the Galaxy theme with a vibrant dance drill, embodying the energy of the Sun and the boundless potential of young athletes. Pre-Primary novelty races, which included the Twinkling Stars Race, brought smiles and cheers as the youngest stars lit up the field. Jungle Journey Display featured Grades I & II forming a flower of the jungle, while Grades III to V showcased dynamic themes inspired by the peacock, zebra and other jungle elements. Stunning Yoga and Taekwondo displays demonstrated strength, flexibility and discipline. A special addition to the event was a surprise game for parents that added laughter and excitement, proving that adults were just as energetic and spirited as the children. The event celebrated the achievements of young athletes with a prize distribution

tion.

The day concluded with a heartfelt vote of thanks expressing gratitude to all participants and contributors. The National Anthem marked the end of an unforgettable day.

Seniors



#### 'Concordia' 2024-25

The Annual Sports Meet 'Concordia' 2024-25 unfolded on November 30, 2024 with grandeur and enthusiasm, showcasing NPS, Chikkabanavara's spirit of excellence in academics, sports and co-curricular activities. Held in the School Ground, the event was a vibrant tapestry of athleticism, discipline and cultural pride. The event began with an impressive reception by the NCC cadets, who escorted the esteemed Chief Guest, renowned Indian Field Hockey Player Mr. Vickram Kanth. The school flag was hoisted, symbolising unity, pride and an unwavering commitment to excellence. The school anthem resonated across the grounds, setting an inspiring tone for the day.

The ceremonial lighting of the torch by the Chief Guest, accompanied by the school's best athletes, marked the official commencement of the meet. A vibrant March Past, led by the energetic school band and the Student Council, showcased

March Past, led by the energetic school band and the Student Council, showcased precision and discipline. The oath-taking ceremony, administered by The Senior School Principal, Ms. Priyanka Suresh, emphasised the values of sportsmanship and integrity.

Junior School Principal, Ms. Rajee Samjith welcomed the gathering and introduced the Chief Guest, acknowledging his contributions to Indian hockey. The Chief Guest declared the sports meet open, following the release of balloons, symbolising the boundless aspirations of 'The Concordians'.

# Sports Day





#### 'Concordia' 2024-25

The first event was the Yoga Display which reflected the school's emphasis on mental and physical well-being. The unveiling of Penlighten, a publication encapsulating the vibrant school life, was a proud moment for all present. Competitive events like the relay race thrilled the spectators, while performances such as the Taekwondo Display and Musical Fusion captivated the audience. The Drill Displays by Athena, Eos, Eirene and Nike Houses showcased creativity and synchronisation, leaving an indelible mark. Grade X students mesmerised the audience with their special performance 'The Tutting dance'. The school honoured all the CBSE Board (2023-24) toppers of Grades X and XII for their academic excellence

for their academic excellence.

The day culminated in the recognition of achievements:

Awards for Best Drill Display, Best March Past and individual titles such as Most Valuable Player, Best House Captain and Best House Vice Captain celebrated dedication and talent.

The Best House Master, Assistant House Master and Best House of the Year

awards added a touch of pride to the occasion.

The CEO, Ms. Preethi Reddy, commended the participants and emphasised the holistic growth facilitated by sports. The Chief Guest Mr. Vickram Kanth addressed the students and urged them to follow the 3 Ds – that is Determination, Dedication and Discipline to achieve success. He further inspired students with anecdotes of perseverance.

The Victory Run brought together participants of the Eos House, who were given the Best House Award of the Academic Year 2024-25, and Athena House received the Runners up Award symbolising unity and triumph. The event concluded with a heartfelt vote of thanks and the National Anthem, leaving everyone inspired and

motivated.



'Carpe Diem': A Magical Inter-School Fest

The vibrant and joyous atmosphere of Carpe Diem, the eagerly anticipated Inter-School Fest hosted at NPS Ckbnr on December 6, 2024, transformed an ordinary day into an extraordinary celebration.

Inspired by the enchanting world of Disney, the campus was turned into a magical wonderland where fairies waved their wands, spreading glitter, colours, magic and joy across every corner.

From the adorable tiny tots of Kindergarten to the spirited young talents of Grade V, the event was a delightful showcase of creativity, talent and unlimited fun. The decorations brought beloved Disney characters to life, creating a whimsical atmosphere that transported everyone into a realm of charm and wonder.

The festivities began with the ceremonial lighting of the lamp. The participating schools, including Rainbow International School, Vijayashree Public School, National Public School (Kengeri), Jain Heritage School, National Public School (Kalkere), Zion Preschool and Little Millennium School, came together to celebrate the joyous occasion.

Carpe Diem



'Carpe Diem': A Magical Inter-School Fest

The formal inauguration of Carpe Diem was followed by the most colourful and captivating performance of the day 'The Theme Dance'. Portraying the beauty of all four seasons along with the playful charm of the cartoon world, the performance left the audience enchanted, entertained and beaming with smiles.

Carpe Diem emphasised on encouraging young minds to embrace creativity and express themselves fully. Throughout the day, a variety of performances and competitions unfolded, showcasing the incredible skills of the participants in Singing, Dancing, Art & Craft, Fashion Show, Dress Designing, Fancy Dress and many more. Each act celebrated the innocence of childhood while embodying the magic of Disney's timeless stories.

The festival highlighted the values of teamwork, creativity and joyful learning. The grand finale was the highlight of the day, where participants came together to celebrate their achievements. Prizes were awarded to the winners, and the coveted rolling trophy was proudly claimed by National Public School, Kengeri. The event concluded with the National Anthem.

Carpe Diem was truly a day to remember — a celebration of magic, dreams and the joy of childhood.

# Avishkaar - ROBOTICS



The Zonal rounds of the IRC League 'Avishkaar 2024-25' were held with great spirit of innovation at National Public School, Ckbnr on December 13, 2024. The IRC League is the Biggest Robotics and Coding League that aims to celebrate Science, Technology, Engineering and Mathematics (STEM) and make innovation an area of passion for the young minds of the developing world.

The event was graced by the Chief Guest Mr. Rahul Ramesh, a seasoned AI researcher and lead scientist at Siemens Healthineers, along with the CEO- Ms. Preethi Reddy, Principal Senior School-Ms. Priyanka Suresh and Principal Junior

School-Ms. Rajee Samjith.

The event began with the lighting of the ceremonial lamp, marking the official commencement of the event. To energise the atmosphere, an electrifying Tutting

Dance was performed by the students of Grade IX.

The IRC League, which is more than just a competition, is a platform for learning, sharing and growing as a community of innovators. Students from a wide range of schools had gathered to showcase their talent, hard work and passion for Robotics. Chief Guest Mr. Rahul Ramesh shared valuable insights from his decade-long experience in Artificial Intelligence and Innovation. His speech inspired participants to pursue excellence in Technology and Problem-Solving.

Participants enthusiastically showcased their Robotic creations, which were a testament to their innovation, creativity and collaborative efforts. The event featured thrilling Robot battles, challenging obstacle courses and inspiring demonstrations. This year's theme, 'Rise of the Machines', added an electrifying edge to the competition, highlighting the limitless possibilities of technology and human ingenuity. The event concluded with the presentation of medals to the winners, followed by the award for the best-performing school.

The day concluded with Vote of Thanks followed by the National Anthem.

### Christmas Celebration



#### SPREADING THE JOY & CHEER OF CHRISTMAS

The festive spirit of Christmas filled the air as National Public School, Ckbnr celebrated this joyous occasion with great joy and heartwarming performances on December 20,2024. The day started with a special assembly that showcased the spirit of giving, togetherness and joy, marking the occasion in the most memorable

The event kicked off with a beautiful Carol singing session, where the School Choir performed several classic Christmas Carols in English and Kannada languages. Their melodious voices spread holiday cheer among students and staff. Teachers also sang a medley of carols which were full of energy, with everyone joining in to sing popular Christmas songs. The students' enthusiasm was palpable and the performance set the tone for the rest of the celebration.

Following the carol singing, Junior students performed a skit depicting the story of the birth of Jesus Christ, which is the central theme of Christmas. The skit was filled with drama and deep emotion, beautifully capturing the essence of love, hope and peace that Christmas symbolises.

In a heartwarming surprise, Santa Claus himself made a grand appearance during the assembly, much to the delight of the children. Dressed in his iconic red suit, Santa greeted the students and handed over chocolates to all the children, bringing

smiles to their faces. The surprise visit by Santa added a magical touch to the event, reinforcing the joy and excitement of the holiday season.

The youngest students in the school, the kindergarten children also took part in the celebrations by performing a short and delightful skit. Their innocence and adorable performance brought a wave of joy and laughter.

# CBSE Workshop





#### Integrating Active Learning and AI in Education

On December 23, 2024 a CBSE-organised workshop on Active Learning and Artificial Intelligence (AI) was held at National Public School, Chikkabanavara. The workshop was aimed to equip teachers with innovative teaching strategies and insights into integrating AI into the educational framework to enhance classroom experiences.

#### **Active Learning**

The resource persons for Active Learning were Ms Vamsheepriya, experienced educationist, member of All India Principals Association and a Resource person for Global Leader Foundation and Ms N Shakila, Resource person for CBSE to train teachers under various domains.

The session introduced teachers to various student-centric teaching methodologies, such as project-based learning, collaborative problem-solving, promoting mental health and wellbeing among students and components of 21st century skills. The session further highlighted evidence-based benefits of active learning in improving student outcomes along with practical demonstrations of how to integrate active learning into various subjects.

# CBSE Workshop







#### AI in Education

Resource persons for Artificial Intelligence in Education were Ms. Nikki Purohit, School Coordinator, Mount Litera Zee School, Whitefield and Ms. Sayeesubbulakshmi, Math and AI facilitator at Delhi Public School, Bangalore South.

They demonstrated how AI tools, adaptive learning platforms can be used to personalise the learning experiences. They also explored AI-powered data analytics to track student progress and identify areas for improvement. Teachers were encouraged to use AI creatively to make lessons more interactive and engaging.

The workshop included interactive demonstrations of AI applications like virtual labs, smart grading systems, and AI-driven lesson planning tools. Teachers also shared their experiences and discussed potential challenges in implementing AI-based teaching solutions.

The workshop also provided teachers with practical insights and innovative approaches to make learning more effective and relevant. It underscored the importance of adopting technology and active learning strategies to prepare students for the challenges of the 21st century.

Teachers from NPS, Cknr, Siddhartha Public School and Sree Ayyappa Education Centre participated in the session.

National Mathematics Day



Tribute to the great mathematician

#### Srinivasa Ramanujan

on his birth anniversary 22<sup>nd</sup> December



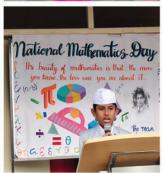










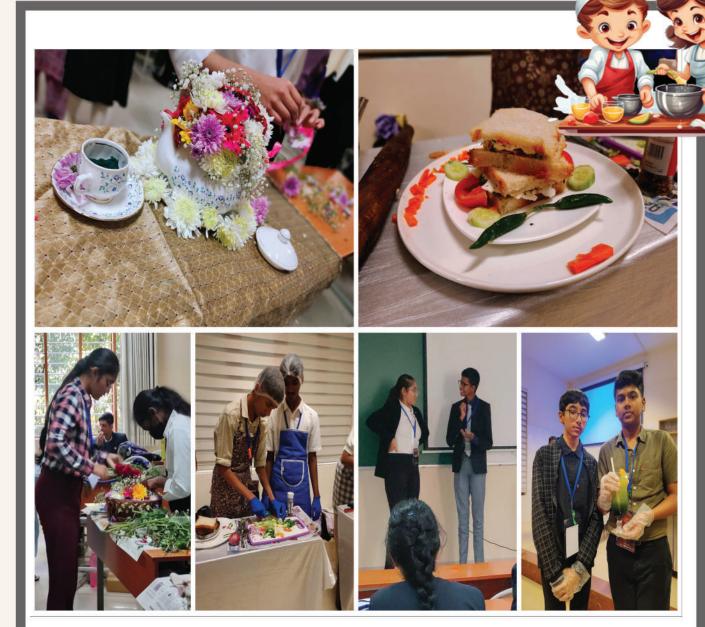


To honour the birth anniversary of the legendary Mathematician Srinivasa Ramanujan, NPS, Ckbnr celebrated National Mathematics Day on December 22, 2024.

The day commenced with a special assembly that aimed to inspire students and highlight the importance of Mathematics in our daily lives.

The morning prayer was followed by students presenting character portrayal on the life and contributions of Srinivasa Ramanujan and other great Mathematicians like –Arya Bhatta, Shakuntala Devi and Dattatreya Ramachandra Kaprekar. Students of Grade IX also conducted Mathematics Quiz Competition for the students of different Grades featuring rounds on mental calculations and logical puzzles sparking curiosity and interest among students.

## Arobana - Fest



On January 7, 2025, the students of Grade IX from NPS, Ckbnr, participated in the AROHANA – 2025 Fest organised by the Department of Hotel Management, Christ University. The fest provided an excellent platform for students to showcase their creativity, teamwork and intellectual abilities in a range of engaging activities.

The events included – Cooking Without Fire, Mocktail Making, Flower Arrangement, Mind Curry (Quiz) and Pick & Speak.

Students demonstrated their culinary creativity, displayed their flair for mixing flavours, created refreshing beverages. Students also crafted beautiful floral designs, blending colours and textures harmoniously. The quiz challenged students' knowledge across diverse topics, testing their quick thinking and general awareness. Students who took part in Pick and Speak impressed the audience with their spontaneous speaking skills, articulating their thoughts with confidence and clarity.

The event was an enriching experience for all participants, providing them an opportunity to gain exposure to diverse activities. The students returned with unforgettable memories, valuable learning experiences and a sense of accomplishment.

# Makar Sankranthi Celebration



NPS, Ckbnr celebrated the festival of harvest, Makar Sankranti on January 13, 2025. A special assembly was conducted to educate students about the significance of the festival.

MAKAR SANKRANTI

The event began with the tiny tots adorning festive wear, adding a colourful and cheerful vibe to the celebrations. Their radiant smiles and traditional attire truly reflected the essence of the festival.

The pre-primary students presented a delightful dance performance, and their synchronised moves brought the spirit of the festival alive. The school choir added a melodious touch to the celebration by singing a beautiful song dedicated to Makar Sankranti. Their harmonious voices filled the air with positivity and joy.

Students also took turns to read out the significance of Makar Sankranti, highlighting its importance and the unique ways it is celebrated in different states of India. From the kite-flying tradition in Gujarat and the Pongal festivities in Tamil Nadu to the yellu bella exchange in Karnataka, they brought to light the rich diversity of the festival across the country.

The event concluded with the kite making activity from Grades I to VII as students enjoyed helping each other in making the most colourful kites.

Keeping in the spirit of Makar Sankranti, the skill class students of Grades VI and VII on Saturday, prepared Sweet Pongal and shared among the teachers and other students, symbolising the warmth and unity that the festival promotes.

Republic Day



National Public School, Ckbnr celebrated the 76th Republic Day on January 26th, 2025, with the hoisting of the National Flag by Principal, Senior School Ms. Priyanka Suresh accompanied by the Staff and Students. As the tricolour flut-

tered proudly in the sky, the gathering stood to sing the National Anthem, filling the atmosphere with pride and patriotism.

To commemorate this significant day, a special assembly was conducted by the Grade VII students. The special assembly began with a prayer song followed by speeches. Ahana, a Grade VII student, delivered a heartfelt speech about the importance of Republic Day and its significance in India's journey as a democratic nation. Her words highlighted the spirit of unity, freedom and equality that Republic Day represents.

Another highlight of the event was when Ayush, a Grade VII student dressed as Dr. B.R. Ambedkar, delivered an inspiring speech on the significance of the Indian Constitution. The speech shed light on the values of equality, justice and liberty enshrined in the Constitution. Adding to the patriotic fervour, the School Choir performed the iconic song "Saare Jahaan Se Accha Hindustan Hamara," which resonated and filled the atmosphere with pride and unity.

The Senior School Principal Ms Priyanka Suresh and Junior School Principal Ms. Rajee Samjith addressed the gathering, emphasising the importance of the Constitution in shaping the nation's democratic fabric. They encouraged students to uphold the values of the Constitution in their everyday lives.

The Republic Day theme for this year is "Swarnim Bharat: Virasat aur Vikas" (Golden India: Legacy and Progress) which will highlight India's rich cultural legacy and hopes for a brighter future.

# Farewell





## "Shadows and Secrets"

At NPS, Ckbnr the farewell of Grade XII students, themed "Shadows and Secrets," was an enchanting evening filled with mystery, memories and magical moments. The masquerade theme added an air of sophistication and intrigue, allowing everyone to embrace the mystery while cherishing the journey of high school

The evening kicked off with the spectacular Grand Entrance Parade. Graduates arrived in style and formal attire, embodying the essence of the theme. The students of Grade XI welcomed them with applause and elegant masks, setting the

tone for an evening of glamour and celebration.

A captivating part of the evening was when the students indulged in games like treasure hunt, Antakshari and walked the ramp. After the secret revelations, the dance floor came alive and the music shifted to a vibrant mix of beats, encouraging everyone to let loose and dance the evening away. The atmosphere was electric, filled with laughter, joyous moments and unforgettable memories.

As the evening drew to a close, a heartfelt toast was made to honour the graduating class. The speech reflected on the journey of high school, the lessons learned and the bright futures that lie ahead. It was a moment of gratitude, hope and fare-

well, leaving everyone with warm hearts and fond memories.

"Shadows and Secrets" was a resounding success. It was an evening of elegance, emotion and endless memories.

Graduation Day "Ascensio - To a New Beginning...



Walking out with memories, stepping forward with dreams

The Graduation and Blessing Day for the students of Grades XII and X was a heartfelt and memorable occasion, marking the culmination of their school journey. The event was filled with emotions, reflections and words of encouragement as students prepared to step into a new phase of life.

The programme began with the lighting of the lamp and an invocation song, symbolising wisdom and guidance for the graduating students.

The CEO of the school Ms Preethi Reddy addressed the gathering and shared words of inspiration and encouragement for the students as they step into a new phase of their journey.

A special tradition followed, where the students lit their lamps from the flame held by the dignitaries and gracefully walked to the stage, signifying the passing of knowledge and values from one generation to the next. The school anthem was then sung, filling the atmosphere with a sense of pride and unity.

As a token of remembrance, students were presented with a Yearbook, a collection of cherished memories from their time of school. Additionally, students who had completed ten years in the institution were honoured with mementos, recognising their long and meaningful association with the school.

Junior School Principal, Ms Rajee Samjith addressed the students and congratulated the graduating students on their hard work and perseverance. She also introduced the Chief Guest of the event, Mr C R Benakanalli, Rtd. Dist and Sessions Judge Karnataka Judicial Service and Presiding Officer.

Graduation Day "Ascensio - To a New Beginning...



Mr C R Benakanalli in his speech shared words of wisdom and motivation. He also appreciated the efforts of the school in nurturing young minds and preparing them for the challenges ahead.

The School President Mohnish Praveen and the House Captains shared their experiences, reminiscing about their time in school. Their speeches were filled with gratitude for their parents, teachers, friends and the institution that shaped them over the years.

A symbolic moment of the event was when the School President handed over the School Flag to the Senior School Principal Ms Priyanka Suresh, signifying the transition of leadership and the continuity of school traditions. This act reflected

the values of responsibility and legacy that each batch carries forward.

One of the most touching segments of the event was the screening of a video showcasing the journey of the students—from their early days in school to their

final moments as graduating seniors.

In the concluding speech, Senior School Principal Ms. Priyanka Suresh emphasised the importance of lifelong learning and encouraged students to uphold the values of the school and strive for excellence in their future careers.

The Principal officially declared the students as graduates, marking the successful appropriate of their school in a The declaration was followed by sent throughout the successful appropriate of their school in their future careers.

completion of their schooling. The declaration was followed by cap throwing ceremony by the Grade XII students. The students stood on the stage and threw their caps into the air, symbolising the beginning of a new journey in their lives. The auditorium resonated with applause and excitement as students embraced their fellow classmates, capturing memories.

The event concluded with blessings from the School Management and Faculty, encouraging students to embrace the future with confidence, integrity and perseverance. It was a day of mixed emotions—joy, pride and bittersweet farewells—as the graduates bid adieu to their beloved school, carrying forward cherished memories and lifelong lessons.

# Pariksha Pe Charcha



## Pariksha Pe Charcha: Turning Exam Fear into Confidence

On February 10, 2025, students of Grades IX, X, and XII participated in the live viewing of 'Pariksha Pe Charcha', an interactive program where Prime Minister Narendra Modi addressed students on exam-related stress, time management and effective study techniques.

Students watched the live telecast on the smartboards in their respective classrooms. The Prime Minister shared valuable insights on handling academic pressure, the importance of a balanced approach to studies and practical ways to stay motivated. His encouraging words inspired students to approach their examinations with confidence and a positive mind-set.

Teachers facilitated discussions after the session, allowing students to share their thoughts and key takeaways. Many students expressed their appreciation for the session, stating that PM Modi's guidance helped boost their morale ahead of the upcoming exams.

Pariksha Pe Charcha, is an initiative to help students navigate academic challenges with confidence and determination.

# Aera India Visit

The Sky is the Limit: Students Explore Aero India 2025

On February 12, 2025, students from Grades X and XII of NPS had the unique opportunity to attend the prestigious Aero India Show held at Air Force Station, Yelahanka, Bangalore.

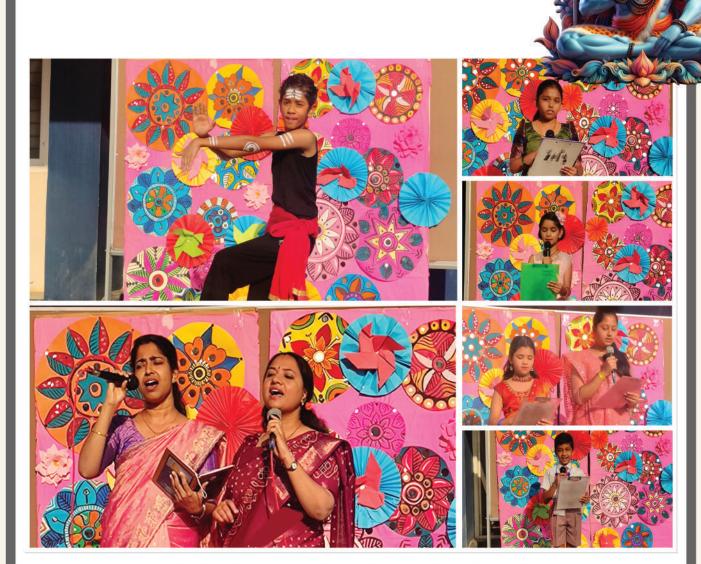
During the visit, students were treated to spectacular aerial displays featuring a variety of aircrafts, including fighter jets, helicopters and transport planes. These thrilling performances showcased the advanced capabilities and mobility of modern aircraft, leaving the students in awe. The exhibition featured numerous stalls and pavilions that highlighted the latest advancements in Aerospace Technology and defence systems.

Students had the chance to explore innovations in the aviation sector, gaining insight into how these technologies are shaping the future.

A significant highlight of the visit was the opportunity to interact with Air Force Officials, who shared their knowledge, offering valuable insights into modern defence strategies, technological developments, enrolment process, eligibility and making their career in Indian Air Force. The visit not only broadened the students' knowledge but also inspired many to consider pursuing careers in Aviation and Engineering. The exposure to real-world aerospace innovations and defence technologies sparked curiosity and excitement among the students, encouraging them to dream big and explore potential career paths.

As a token of appreciation for their participation, the students received goodies from the organisers, adding to the excitement of the day. It was a day filled with learning, excitement and inspiration, leaving a lasting impression on the young minds of NPS, Ckbnr.





Maha Shivaratri Festivities at Our School

NPS Ckbnr celebrated the festival of Maha Shivaratri with a special assembly. The celebration began with the school prayer, followed by a speech delivered by Manasa of Grade IX and Shreya of Grade V on the significance of Maha Shivaratri. The speech highlighted the spiritual significance of the festival, its association with Lord Shiva and the values of discipline, devotion and self-reflection that it teaches.

A contemporary Tandava dance was performed by Akshaj of Grade IX, which was a perfect blend of tradition and modernity. The teachers' soulful rendition of "namo namo shankara" song added a melodious charm to the Maha Shivaratri celebrations making the event even more divine.

The students also highlighted the importance of the spiritual significance of the festival and its association with the Maha Kumbh, a largest spiritual gathering in the world that occurs once in every 144 years. The culmination of Maha Kumbh took place on Maha Shivaratri, attracting 65 crore devotees from across the country.





## Summer Camp 2025 at NPS, Ckbnr

The much-anticipated Summer Camp at NPS, Ckbnr was inaugurated on March 25, 2025. The event marked the beginning of an enriching and fun-filled experience for the students.

The ceremony was followed by a warm welcome addressed by both the Principals who emphasised the importance of extracurricular activities in holistic education and shared insightful words on the significance of summer camps in shaping young minds.

The duration of the summer camp is 15 days, offering sports and music classes. Students eagerly participated in the first-day activities, displaying enthusiasm and a keen willingness to learn new skills.

Whether they're racing each other, playing water games or simply cooling off from the summer heat, children will have incredible time participating in various activities which include football, basketball, volleyball, swimming, skating and music.

Overall, the summer camp is here to offer them fun, friendship and memorable moments.

## THE MAGIC OF READING



Unlock the treasure chest of knowledge, imagination and adventure – through the magic of reading.

Reading is one of the greatest joys of life. It's a magic carpet that takes us on incredible journeys, introduces us to new friends and experiences and transforms our lives forever. In a world filled with TV shows, games and social media, there's something truly special about the world of books. Reading is more than just a past time—it's about exploring new worlds, kindling a spark of creativity and help in developing empathy and understanding.

Our brain is absorbent and amazing in soaking up new words, ideas and information. It helps us learn new things, understand complex concepts and think more critically. So, every time you open a book, you're not just entertaining yourself—you're giving your brain a workout!

Reading transports us to different eras, places and realities, enriching our lives and expanding our understanding of the world. When we read stories about characters who are different from us—maybe they live in a different country, speak a different language or have a different background—it helps you understand them better. This can make you kinder and more accepting of others, even if they're different from you. The moment you choose a book it's like stepping into a whole new world—a world where anything is possible. Whether you're exploring a magical kingdom, solving a mystery or going on an adventure with your favourite characters, reading can help you deal with the challenges of everyday life. It's like taking a vacation for your mind, from the comfort of your own space!

Books are like a bundle full of knowledge just waiting to unfold before us. They can teach us about anything we're curious about. So, if you love learning new things, reading is the way to go! Whether you're interested in dinosaurs, outer space or how to bake the perfect chocolate cake, every book holds a secret unravel before us.

Reading introduces you to new words and ideas, making it easier for us to express ourselves. Furthermore, the more you read, it helps in enhancing our communication and writing. So, if you want to sound super smart, all you must do is pick up a book! Books are keys to knowledge: unlock new understanding and growth.

Tips for Reading More

Where words meet wisdom: discover new books, new ideas and new possibilities. Set aside a little time each day to read, even if it's just for a few minutes before bed.

The right book can change everything. Find yours today.

In conclusion, reading is a powerful tool that can transform our lives, minds and hearts. Let's make reading a priority and discover the magic that awaits us within the pages of a book. So, grab a book, curl up in your favourite spot and let the adventure begin!

Ms. Archana Amarnath Section Head Grades I & II



Geographical Information Systems (GIS) and Remote Sensing (RS) are powerful tools used for collecting, analysing, and visualising spatial and geographical data. They are commonly employed in various fields such as environmental science, urban planning, agriculture, disaster management and more.

**Environmental Monitoring** 

GIS: Allows the mapping of environmental features (like forests, water bodies, and wetlands) and helps track changes over time. GIS tools can be used to assess land use, habitat loss, deforestation, and urban expansion, which is vital for sustainable planning.

RS: Remote sensing uses satellite or aerial imagery to monitor large areas of land or water. It provides real-time data on vegetation cover, water quality, deforestation, air pollution and other environmental parameters without the need for physical presence on the ground.

Environmental monitoring through GIS (Geographic Information Systems) offers several advantages that make it an effective and efficient tool for managing and protecting the environment. Here are some key benefits:

Efficient Data Management and Visualisation

Real-Time Monitoring and Analysis

Biodiversity and Habitat Conservation

Long-Term Environmental Management and Planning

Environmental monitoring through GIS (Geographic Information Systems) offers several direct and indirect benefits to humans, improving quality of life, safety, health and overall well-being. Air and water quality monitoring can be done using GIS tools. It can help us in tracking flood and forecasting flood and many more. Overall, environmental monitoring through GIS directly and indirectly enhances human life by improving public health, safety and resource management, while also contributing to long-term sustainability. It empowers individuals, communities and governments to make more informed decisions that protect the environment and create healthier, more resilient societies.

Ms. Bidyastuti Sengupta HOD (Geography) Grades VI-X

# **EVER EVOLVING SOCIAL SCIENCES**



"The study of society and human behaviour is not a static science but a constantly evolving narrative, shaped by the questions we ask, the methods we develop, and the world we live in."

## Social Sciences: An Evolving Landscape

The social sciences have always been at the heart of understanding human behaviour, society and culture. Yet, in recent years, these fields have experienced a wave of innovation and transformation, responding to new global challenges, technological advances and evolving societal issues. From advancements in methodology to the increasing influence of interdisciplinary approaches, social science research is in a state of dynamic growth. Here's a look at some of the most significant developments that are reshaping the field.

## Technological Integration in Social Research

One of the most prominent trends in social sciences is the integration of technology. The rise of Big Data, Artificial Intelligence (AI) and Machine Learning is reshaping the way researchers collect and analyse data. Social scientists are increasingly using algorithms and computational models to understand patterns in human behaviour, economic trends and social networks. Big Data, sourced from social media, government databases and global platforms, allows for unprecedented analysis of human interactions on a massive scale. These tools enable social scientists to tackle questions that were once impossible to answer due to data limitations.

## The Role of Globalisation and Transnationalism

The ongoing process of globalisation has highlighted the need for social sciences to address cross-cultural and transnational issues. Researchers now examine the complexities of migration, international relations, global economic systems and environmental challenges. For instance, global social movements—such as climate activism, gender equality campaigns and digital rights—are being analysed with a focus on how they transcend national borders and bring about worldwide change. This expansion of scope ensures that social sciences remain relevant to global issues that affect billions of people.

## **Interdisciplinary Approaches**

Another significant trend is the growing trend of interdisciplinary collaboration. Social scientists no longer work in isolation from other fields but often draw on methods and theories from Psychology, Economics, Political Science, Anthropology and even Natural Sciences. For example, behavioural economics blends Psychology with economic theory to explore how individuals make decisions in contexts of uncertainty and risk. The emphasis on interdisciplinary approaches helps create more comprehensive models of human behaviour, leading to deeper insights into complex societal problems.

Focus on Diversity, Equity and Inclusion

A major development in recent years is the increased focus on issues of diversity, equity and inclusion (DEI). Social scientists are now more attuned to the ways in which race, gender, class and other social identities intersect to shape individuals' experiences. This has led to a growing body of research on social justice, systemic inequalities and the impact of privilege. Scholars are exploring how institutional biases perpetuate inequality and how policy changes can create more inclusive societies. This focus reflects broader societal demands for fairness and accountability.

The Impact of Climate Change on Society

As climate change accelerates, social scientists are paying closer attention to how environmental shifts affect human communities. Research is expanding beyond environmental sciences to include how climate-related issues such as displacement, resource scarcity and economic disruption impact societies. Social scientists are exploring how communities adapt to climate-related challenges, the role of social policies in mitigating damage and the social psychology of environmental activism. These studies are vital for guiding policy and fostering social resilience in the face of ecological crises.

Mental Health and Well-being

In recent years, mental health has become a central concern within social sciences. Social factors such as social media use, economic stress and workplace dynamics are now recognised as major contributors to mental well-being. Researchers are investigating the links between mental health and societal structures, including the role of culture, technology and public policy in promoting or hindering mental health. This growing focus on mental health has also led to new fields of study, such as the sociology of mental illness and social neuroscience, blending traditional social science with biological insights.

Rise of Participatory Research

Another notable development is the increased use of participatory research methods, where communities are directly involved in the research process. This approach not only empowers communities but also creates more authentic and contextually relevant insights. By involving people in the design, data collection, and analysis stages, participatory research ensures that the findings reflect real-world concerns and offer solutions that are practical and grounded in live experience. This approach is especially useful in fields like education, public health and social justice.

Overall, the field of social sciences is undergoing rapid and exciting transformations. From harnessing technology to addressing complex global issues like climate change and inequality, social sciences are evolving to meet the challenges of our time. These developments are making the study of human society more relevant, dynamic and impactful than ever before. As students of social sciences, it's important to remain curious and engaged, as the field continues to evolve, offering new insights into the fabric of our social world.

Kavitha Subramanyam Section Head Grades IX - XII

## Indian Scientists who shaped Early Modern Physics







Homi J Bhabha

Satyendranath Bose

Meghnadh Saha

The world today knows of Max Plank, Albert Einstein or J J Thomson as the people who shaped Modern Physics. There are hardly any Indian names that come to our mind in this subject. However, as much as India has contributed to ancient and classical physics, there are numerous scientists from India who have contributed to the foundation and growth of Modern Physics. More often than not, there is little knowledge among us even, about how much Science has progressed through the contributions of research and development in India.

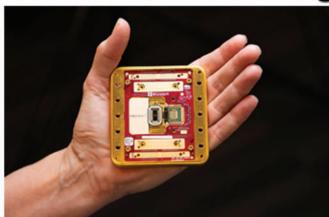
A few noted scientists that delivered expertise in the fields of Modern Physics are Satyendra Nath Bose, whose contributions describe sub-atomic particles; Homi Bhabha's contributions to Nuclear Physics, and Meghanad Saha's famous Saha equation that governs the life of stars.

Satyendranath Bose described certain fundamental properties of subatomic particles, which was furthered by Albert Einstein, and today particle physics is able to describe the behavior and interactions of Bose-Einstein condensates, and Bosons. Moreover, the Bose-Einstein distribution has led to some of the biggest discoveries of particle physics, most notably the Higgs Boson that was an outcome of experiments at the Large Hadron Collider at CERN in the 21st Century. Homi Bhabha's "Bhabha Scattering" defines the interaction between particle-antiparticle annihilation, specifically the electron and positron. The scattering function is used to design and determine precisely, the cross-sections of detectors used in particle collider experiments. Meghanad Saha described the thermal ionization equation which correlates the ionization states of various elements in stars with their temperature and pressure. These in turn describe the life-cycle of main sequence stars and their progressions

These are just some noted research contributions from India starting from the British colonial era, in the field of modern Physics. Let us not forget the contributions of many later scientists like Jayant Narlikar in cosmology, Subhramanyam Chandrashekar in astrophysics, or G. N Ramachandran in X-ray microscopy.

Ms. Madhura Prashanth Senior Coordinator HOD (Physics)

# The Quantum Mystery of Majorana 1: The Weird Particle That Could Change Our Lives



Have you ever wondered if the smallest things in the universe could have the biggest impact on your daily life? Like, could a tiny, invisible particle change how we use our smartphones or send secret messages? Well, meet Majorana 1 – a mysterious particle that's shaking up the world of quantum physics! Quantum physics is the branch of physics that deals with small objects and the quantization of various entities, including energy and angular momentum. It studies matter and energy at the most fundamental level, aiming to uncover the properties and behaviours of the very building blocks of nature. So, what's the deal with Majorana 1? Imagine a particle that's both its own twin. Sounds like something out of a sci-fi movie, right? Majorana 1 doesn't fit into the usual categories of particles. It's a strange, quantum creature that could be key to developing powerful quantum computers – machines that could solve problems way faster than today's computers ever could.

Majorana 1: A New Era in Quantum Computing
One of the latest innovations in the field of quantum

One of the latest innovations in the field of quantum computing is the Majorana 1 Quantum Processing Unit (QPU). This technology is based on a theoretical particle called the Majorana fermion, named after the Italian physicist Ettore Majorana, who proposed its existence in 1937. Majorana fermions are unique because they are their own antiparticles. In simple terms, this means that these particles are their own "opposites," making them incredibly stable and resistant to disturbances from their environment. In recent years, scientists have made significant strides in realising the potential of Majorana fermions for quantum computing. Notably, teams at institutions like Delft University of Technology and Microsoft's Station Q have been at the forefront of developing systems that use these particles to build more stable and reliable qubits—the fundamental units of quantum computers.

"Imagine a computer that doesn't just calculate faster but can solve problems that were once considered unsolvable," says Leo Kouwenhoven, a leading scientist at Delft University of Technology. "With Majorana fermions, we have the potential to create quantum computers that are not just faster, but also far more robust, capable of tackling complex simulations and tasks that would be impossible for traditional computers."

Impact on daily life

While the world of Majorana 1 and quantum computing may seem distant, it is already impacting our daily lives in subtle but significant ways- Smartphones and Electronics, Medical Imaging, Internet and Communication, Quantum Computers, GPS Navigation and Satellites,

Cryptography and Security. You know how frustrating it is when your phone crashes or you wait forever for a website to load? Well, in the future, Majorana 1 might be part of the quantum computers that speed everything up. We're talking about solving problems like finding new medicines or even better ways to store data – all thanks to the weirdness of quantum physics! But the coolest part? Majorana particles could also be the answer to ultra-secure communications. Hackers might find it impossible to intercept your texts if quantum encryption becomes a reality. Goodbye, privacy worries!

A Step Towards a Brighter Future

The development of quantum technologies like Majorana 1 presents not just an exciting scientific breakthrough, but also a significant responsibility. "The real value of Majorana 1 will not just be in its technical capability, but in how it empowers future generations of scientists and innovators to solve problems that affect every aspect of life," says Charles Marcus, a physicist at Harvard University who is working on related quantum technologies. For India, the possibilities are vast. From creating breakthrough medical treatments to improving infrastructure through AI-powered optimization, the potential applications of quantum technologies are endless with the right investments in research and development, collaboration, and policy. So, next time you send a message or watch a video, think about Majorana 1. The tiniest particle could be quietly shaping the future, one quantum leap at a time.

In conclusion, the journey from the theoretical work of Ettore Majorana in the 1930s to the experimental breakthroughs of today is a testament to human curiosity and innovation. Majorana 1 represents the beginning of a new chapter in computing, one that holds the potential to change industries, healthcare and even the way we approach global challenges like climate change. Students, as the next generation of thinkers and creators, have a unique opportunity to be part of this exciting journey. Whether through research, entrepreneurship or education, you have the power to help shape the future. So, the next time you use your phone, send a message or watch a video, remember: behind those seemingly ordinary activities lies the extraordinary power of quantum physics—and the incredible innovations it will bring in the years to come. Embrace the quantum revolution and be a part of something truly groundbreaking.

**Majorana** 1 in a nutshell: A quantum puzzle that could revolutionise technology. But it's still a mystery. Scientists are working hard to figure out how to capture and use these particles for real-world applications.

"The future belongs to those who understand the quantum world and use its principles for the betterment of the society." — Albert Einstein

Ms. Madhusmita Mahapatra HOD (Physics) Grades VI-VIII

## The Impact of ChatGPT on Children: A Teacher's Perspective



In today's rapidly evolving technological landscape, Artificial Intelligence (AI) is increasingly becoming a part of our daily lives. One of the most notable advancements in AI is ChatGPT, a language model developed by OpenAI. This powerful tool has the potential to transform many aspects of society, including education. However, as with any technology, it comes with both advantages and challenges, particularly when it comes to its use by children. As educators, it is essential to examine the impact of ChatGPT on children, considering both its positive effects and potential risks. Let's explore how ChatGPT can influence children's learning, social development and critical thinking skills, while also highlighting the need for responsible use and appropriate supervision.

#### **Benefits**

ChatGPT provides instant explanations, breaking down tough subjects in a way kids can understand. With 24/7 access, kids can explore their favourite topics anytime, encouraging independent learning. ChatGPT can adjust the way it explains things, making learning more accessible for children with different needs.

## Challenges & Concerns

If kids always rely on ChatGPT, they might miss out on problem-solving and critical thinking skills. ChatGPT can sometimes give outdated or incorrect information, so fact-checking is important. While AI can help with writing, kids need to think and create on their own to develop real skills. Kids might share personal info without realising it, so adult supervision is necessary.

ChatGPT represents a groundbreaking advancement in AI technology that holds great potential for enhancing children's learning experiences. It can provide students with instant access to information, encourage curiosity, and offer personalized support for children with special educational needs. However, as with any tool, its use must be balanced with awareness of the potential challenges and risks. Dependence on technology, the accuracy of information, and the impact on creativity and privacy are all important considerations that need to be addressed.

As educators, it is our responsibility to ensure that children use ChatGPT in a way that complements their learning and development, rather than replacing essential skills like critical thinking, problem-solving, and creativity. By promoting responsible use, teaching digital literacy, and encouraging face-to-face interactions, we can help children harness the power of ChatGPT while avoiding its potential pit-falls. With the right guidance, ChatGPT can become an invaluable educational tool that empowers the next generation of learners

Ms. Prathibha S R HOD (Computer Science) Grades III-V

# THE LANGUAGE UNSPOKEN UNVEILING THE POWER OF NONVERBAL COMMUNICATION





Language bridges gaps between cultures, fosters communication and helps us express our deepest thoughts and emotions. The process of learning a language goes far beyond mastering vocabulary and grammar—it is a gateway to understanding the world from a different perspective. However, beyond spoken and written languages, there exists another realm of communication: the unspoken language.

In the realm of human interaction, words are only one part of the story; the "unspoken language" - comprised of body language, facial expressions, tone of voice and even silence - often carries powerful messages than the words themselves, conveying subtle emotions, intentions and underlying meanings that can significantly impact how we perceive and interpret each other. For instance, a smile can signify warmth, while crossed arms may indicate defensiveness. The tone of a voice can completely alter the meaning of a phrase, and silence can speak volumes in moments of deep reflection or tension. Being attuned to these subtle cues enhances one's ability to navigate social interactions effectively.

Our faces are potent communicators, with subtle nuances like raised eyebrows indicating surprise, a furrowed brow signifying concern, and a genuine smile expressing happiness. Maintaining eye contact demonstrates engagement and sincerity; while avoiding it might suggest disinterest or nervousness. Sometimes, the absence of words can be the most powerful message, signifying deep thought, re-

spect or a deliberate pause to emphasise a point.

Language is more than just words—it is the essence of human interaction. Learning a language broadens one's horizon and enhances cognitive and social skills. At the same time, understanding the unspoken elements of communication allows us to navigate relationships with greater empathy and awareness. True mastery of communication lies in understanding both spoken and unspoken languages. By embracing both aspects of language, we unlock the full potential of human connection, unveiling the unspoken and bridging the gaps that words alone cannot fill.

Ms. Sindhu B HOD (English) Grades VI-VIII

## Is the Internet Eco-friendly?



The ubiquity of online search and AI chatbots hides a rather unseemly truth: it has a growing environmental cost. While some would argue that this cost is small compared to other industrial activities, putting the data into perspective can help clarify our concerns.

A single Google search uses about 0.0003 kWh of energy, equivalent to powering a 60-watt light bulb for 17 seconds. This may not seem like much. But on any given day, Google processes over 3.5 billion searches, consuming approximately 1.05 GWh of energy daily. According to one estimate, that's enough to power over 30,000 American homes for a whole day.

Consider ChatGPT. Every time a user gives a prompt, ChatGPT's massive language model processes it, using an estimated 2.9 W of energy. That's nearly ten times what it takes for a single Google search. ChatGPT gets about 200 million queries daily, which means its energy consumption is about 621.4 MWh daily and 226.8 GWh annually. This much energy could power approximately 21.602 LLS, homes for an entire year.

much energy could power approximately 21,602 U.S. homes for an entire year. But what exactly makes this energy consumption problematic? Two factors are involved: first, what is consuming this energy and second, what kind of energy is consumed. Every bit of online activity – be it a search, a query, an email, a download or a streamed video – is powered by multiple servers and data centres. The entire internet infrastructure runs on these centres that store, process and transmit data. Most of these data centres are powered by fossil fuels such as coal, oil and gas. In other words, these centres run on electricity that contributes to GHG emissions at scale. Furthermore, many data centres use water or energy-intensive cooling systems, adding to their environmental impact. To give you an idea of how this relates to our daily tech use, one estimate says that writing a single 100-word email using ChatGPT uses up just over one bottle of water.

The global digital sector includes data centres, devices and networks. As technology expands in reach and capacity, our digital energy demands will only increase in the coming years. The current estimate of global GHG emissions from this sector is between 2% and 4%, which is on par with the airline industry.

Although most major tech corporations like Apple, Google and Microsoft have plans to develop their businesses more sustainably in the future, being aware and doing our bit as individual consumers can go a long way. UNICEF has a few recommendations on how we can minimise our digital carbon footprint, a few of which are as follows:

- Take good care of your digital devices and use them for as long as possible; this can contribute to reducing demand and in turn the environmental impact involved in device manufacturing.
- Reduce the energy consumption of your devices.
- Keep your emails and your inbox light, along with minimising cloud storage wherever possible, as this can reduce the need for large volumes of data to be stored on servers.

Individually, these choices may look insignificant in the vast context of digital operations. But, knowing how our activities involve an environmental cost at the micro level is key to understanding its compound effect at the macro level. Moreover, eco-conscious consumers can drive big tech corporations to function sustainably.

By -Sukanya Rao Co-curricular Incharge Grades - Pre-Primary -V

## THE SECRET SUPERPOWER



Imagine this: You're having a rough day. Your mind is heavy with deadlines, exams or just the usual stress of life. Then, on your way home, you notice someone struggling with their grocery bags. Without thinking much, you lend a hand. They smile, thank you warmly, and suddenly, you feel... lighter. Your mood lifts. The stress that felt unbearable a moment ago now seems a little more manageable. Magic? Not quite. Science? Abso-

But more than that, it's something deeply human. Think about the time when someone showed you kindness—a friend checking in when you were down, a teacher encouraging you when you doubted yourself, a stranger offering a smile when you least expected

ing you when you doubted yourself, a stranger offering a smile when you least expected it. Didn't it make you feel seen, valued and understood? That's the power of kindness—it doesn't just help others; it heals us too.

The Happiness Hormone Factory:

When you help someone, your brain releases 'endorphins', the same chemicals responsible for the "runner's high." It also boosts levels of 'oxytocin', known as the "love hormone," which reduces stress and promotes feelings of connection. Studies show that acts of kindness lead to increased dopamine production, giving us a natural sense of pleasure. It's like a happiness workout, but without the sweat!

Stress Reduction: The Natural Remedy

Stress Reduction: The Natural Remedy

Think of stress as an overflowing cup of water. When we give, we shift our focus from personal worries to the well-being of others, creating space for positivity. Research indicates that volunteering and small acts of kindness significantly lowers 'cortisol', the stress hormone. In short, kindness doesn't just feel good—it actually calms our nervous system.

Have you ever had a day when you felt completely drained, only to find that cheering up a friend or doing something thoughtful for someone else instantly lifted your spirits? That's not a coincidence—it's your brain rewarding you for stepping outside your own

worries.

The Mental Gym: Building Resilience Through Altruism

Life throws challenges at us, but acts of kindness serve as emotional strength training. When we help others, we develop a "sense of purpose", which increases resilience against anxiety and depression. Schools that incorporate service-learning projects have noticed students developing greater self-esteem and emotional well-being. Being kind is like lifting weights for the soul!

Think of a time when you struggled but someone believed in you, offered support or just reminded you that you weren't alone. Now imagine "you" being that person for someone else. The impact could be bigger than you think.



## The Mirror Effect: How Kindness Comes Back to You

Altruism has a boomerang effect. When you're kind, others are likely to return the favour, creating a cycle of support and empathy. Imagine a world where one small act starts a ripple effect, spreading warmth and compassion. A simple smile, a word of encouragement or even just listening can make all the difference.

I remember a friend telling me about a time she felt invisible at school—until one day, a classmate simply asked if she was okay. That small moment gave her hope. It made her feel like she mattered.

Years later, she made it a habit to check in on others, knowing firsthand how powerful a single act of kindness can be.

#### Making Kindness a Daily Habit:

So, how can you incorporate altruism into your daily life without it feeling like a chore? Here are some fun and easy ways:

Start small: Hold the door open, compliment someone, or share your notes.

Be a 'kindness' detective: Look for small ways to help—maybe a classmate who's having a bad day or a teacher who needs an extra hand.

Go digital with kindness: Leave a positive comment on a friend's post or send an encouraging message.

Get involved: Join community service clubs or volunteer in local projects.

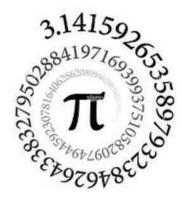
## Final Thought: Your Brain on Kindness

The next time you feel overwhelmed, try shifting your focus outward. Kindness isn't just about making someone else's day—it's about improving your own mental health in the process. It's free, it's powerful and best of all, it's contagious.

So, go ahead—spread a little kindness today and watch how it transforms not just the world around you, but the world 'within' you.

Because at the end of the day, we all just want to feel seen, heard and valued. And sometimes, the best way to receive that... is to give it first. What's one kind act you can do today?

Ms. Divya Mercy M Department of Psychology



Pi  $(\pi)$  is a mathematical constant representing the ratio of a circle's circumference to its diameter.

Pi  $(\pi)$  is a fascinating and important mathematical constant that represents the ratio of the circumference of a circle to its diameter. It is an irrational number, meaning it cannot be expressed as a simple fraction and its decimal representation goes on infinitely without repeating. Pi is approximately equal to 3.14159, but its decimal expansion continues forever.

**Historical Approximations:** 

The ancient Egyptians and Babylonians had rough approximations for pi, such as 3.125 or 3.16, but it wasn't until Archimedes (around 250 BC) that a more refined understanding began. He used inscribed and circumscribed polygons to approximate pi, coming to the conclusion that it lies between 3.1408 and 3.1429.

In the 5th century, Indian mathematician Aryabhata approximated pi as 3.1416, which was extremely close to the modern value.

Irrationality of Pi:

Pi was proven to be irrational by Johann Lambert in 1768, meaning it cannot be exactly expressed as a fraction of two integers. This led to new theories about the nature of irrational numbers and real analysis.

Later, in the 19th century, it was also proven that pi is a transcendental number, meaning that it is not the root of any non-zero polynomial with rational coefficients. This was shown by Ferdinand von Lindemann in 1882.

Pi in Geometry:

Pi is most famously associated with circles. The formula for the circumference of a circle is  $C=2\pi r$  where r is the radius. The area of a circle is  $A=\pi r^2$ 

The relationship of pi with geometry extends to other shapes, and pi appears in equations for areas, volumes, and surface areas of various geometric objects, including spheres and cylinders.

Pi and the "Pi Day" Phenomenon: Pi has become a cultural and mathematical symbol, particularly on Pi Day, celebrated on March 14th (3/14), since 3, 1, and 4 are the first three digits of pi. Some even celebrate "Pi Approximation Day" on July 22nd (22/7), as 22/7 is a common rational approximation of pi.

Throughout history, mathematicians and scientists have contributed to the calculation and understanding of Pi. Today, Pi remains an essential constant in mathematics and science.

Mrs. Usha HOD (Mathematics) Grades XI & XII

## प्रत्येक अक्षर - एक नई सीख

बच्चों हिंदी वर्णमाला केवल अक्षरों का समूह नहीं, बल्कि जीवन के हर कदम पर हमें सीख देने वाली राह है | आइए, हर अक्षर से एक नई सीख लेते हैं और अपने जीवन को सँवारते हैं |

- **अ-** से अभ्यास, हर दिन कुछ नया सीखो |
- आ- से आशा, कभी हार मत मानी |
- इ- से इच्छा, अपने सपनों को पंख दो |
- ई- से ईमानदारी, सच्चाई से बढ़ो |
- 3- से उन्नति, मेहनत से आगे बढ़ो |
- **ऊ-** से ऊर्जा, अपने कार्य में जोश रखो |
- ए- से एकाग्रता, लक्ष्य को पाने पर ध्यान दो।
- ए- से ऐतिहासिक, अपने पूर्वजों की गाथा जानो
- ओ- से ओजस्वी, आत्मविश्वास से भरे रहो |
- औ- से औदार्य, दूसरों की मदद करो |
- अं- से अंकुर, नए विचारों को जन्म दो ।

## क से ह तक जीवन को सँवारने वाले गुण

- क- से कर्तव्य, अपने कर्तव्यों को निभाओ |
- ख- से खुशहाल, हर परिस्थिति में प्रसन्न रहो |
- ग- से गरिमा, अपने संस्कारों की गरिमा बनाए रखो |
- <mark>घ- से घर, अ</mark>पने परिवार से प्रेम करों |
- च से चेतना, जागरूक और सतर्क रहो |
- छ- से छवि, अपनी अच्छाइयों से पहचान बनाओ |
- ज- से जिजासा, हमेशा सीखने की ललक रखो |
- झ- से झलक, अच्छे गुणों की झलक दिखाओ |
- ट- से टिकाव, धैर्य और स्थिरता रखो |
- ठ- से ठोस निर्णय, सोच समझकर फैसला करो |

ड- से डगर, सही राह चुनो | **ढ-** से दृढ़ संकल्प, लक्ष्य पाने का निश्चय करो | त- से तपस्या, कठिन परिश्रम से सीखो 👂 थ- से थामना, ज़रुरतमंदों की सहायता करो | द- से दृढ़ता, आत्मविश्वास बनाए रखो | ध- से ध्यान, एकाग्रता से पढ़ाई करो | न- से निष्ठा, अपने कार्य के प्रति समर्पित रहो प- से प्रयास, बिना रुके प्रयास करो | फ- से फूल, कोमल हृदय लेकिन दृढ़ संकल्प रखों | ब- से बहादुरी, हर कठिनाई से डरो मत भ- से भगवान, सच्चाई और अच्छाई में विश्वास रखो | म- से मित्रता, सच्चे मित्र बनो और बनाओ | य- से योग्यता, अपनी क्षमता को पहचानो | र- से रोशनी, ज्ञान की ज्योत जलाए रखों 🏳 ल- से लक्ष्य, अपने सपनों को पूरा करो | व- से विनम्रता, नम् और सच्चे बनो | श- से शिक्षा, सबसे बड़ी पूँजी है ष- से षटकोण, हर दिशा में सोचो | स- से संस्कार, अच्छे आचरण को अपनाओ ह- से हार मत मानो, हमेशा आगे बढ़ते रहो | प्रिय बच्चों, हमेशा सीखते रहो, कभी हार मत मानो और अपने उज्जवल भविष्य की ओर बढ़ो ! शिक्षा, संस्कार और परिश्रम के साथ अपने जीवन को उज्जवल बनाओ !

नन्दिनी बोराना विभागाध्यक्ष (हिंदी) कक्षा- I-II

जीवन मूल्य:- वे नैतिक सिद्धांत, आदर्श और आचरण के नियम होते हैं, जो व्यक्ति के चित्र, व्यवहार और समाज के प्रति दृष्टिकोण को निर्धारित करते हैं। जिनका प्रत्येक मन्ष्य को उम्र भर पालन करते हुए जीवन व्यतीत करना चाहिए |

## "मूल्यों की सीख, जीवन की जीत"

"जीवन मूल्य" (Moral Values) को समझने के लिए प्रत्येक अक्षर <mark>के आधार प</mark>र उनका अर्थ-

जी - जीवंत (lively) - अपने जीवन में हमेशा जीवंत तथा संतुष्ट रहना |

व – विनयशील (courteous) – सभी के प्रति विनयशील और सहज<mark>ता बनाए र</mark>खना ।

न – नीतिदर्शन (Ethics) – सही और गलत के बीच अंतर समझकर सद्गुण अपनाना।

म – मानवता (Mankind) – एक-दूसरे के प्रति मानवीय स्नेह और बंधुत्व की भावना को अपनाना ।

्र – **ऊर्जस्वी** (Vibrant) – सदैव ऊर्जस्वी शक्ति से निकटता बनाए रखना तथा नकारात्मक ऊर्जा से फ़ासला |

ल - लगन (Diligently) - अपनी सफलता के प्रति लगन, समर्पण और ईमानदारी रखना।

य - यथार्थ (Realism) – जीवन में यथार्थवादी हिष्टकोण रखते हुए आगे बढ़ते जाना |

यह जीवन मूल्यों का सार है, जो एक व्यक्ति को अच्छा इंसान बनने में मदद करता है। जीवन मूल्य वे सिद्धांत, आदर्श और विश्वास हैं जो हमें सही और गलत के बीच अंतर करने में मदद करते हैं और हमारे जीवन को सही दिशा देते हैं। जीवन मूल्य हमें एक नैतिक और सार्थक जीवन जीने में मदद करते हैं।

रेनू वर्मा PRINCIPLES विभाग प्रमुख (हिंदी) (IX, X)

INTEGRITY

## ಅರಳುವ ಕುಸುಮಗಳು

ಸಾವಿರಾರು ಆಸೆಗಳಿಂದ ಮಸ್ತಕವ ಹೊತ್ತು ಆತ್ಮಧೈರ್ಯವೆಂಬ ಸಮವಸ್ತ್ರವ ಧರಿಸಿ, ಹೊಸದೊಂದು ಚೇತನ, ಮಟ್ಟ ಹೆಜ್ಜೆಗಳೊಂದಿಗೆ ಜ್ಞಾನವ ಬಯಸಿ ಬಂದ ನಾವಿಕರು ನೀವು!

ಗೆಳೆಯರೊಂದಿಗೆ ಆಟ-ಪಾಠವ ಕಲಿತು ನೂರಾರು ನೆನಪುಗಳ ಗೋಪುರವ ಕಟ್ಟಿ, ತುಸು ಗಲಾಟೆ ಮಾಡುತ ಕಾಲ ಕಳೆಯುವ ಜಾಣ ಮಕ್ಕಳು ನೀವು!

ವಿದ್ಯೆಯೆಂಬ ದೀಪದ ಬೆಳಕಲ್ಲಿ ಬೆಳೆದು ಜ್ಞಾನವೆಂಬ ಸಂಪತ್ತನ್ನು ಪಡೆದು ಉತ್ತಮ ನಡೆ-ನುಡಿಗಳನ್ನು ಕಲಿತು ಭವಿಷ್ಯದ ಭವ್ಯ ಪ್ರಜೆಗಳಾಗಿ ಬಾಳಿರಿ ನೀವು!

ಮಹಾಲಕ್ಷ್ಮಿ ಎಸ್ ಎಚ್. ಒ. ಡಿ (೩ ರಿಂದ ೫ನೇ ತರಗತಿಗಳು)





FEEDBACK



## The Student Perspective: Unfiltered, Unique and Insightful

The Academic year 2024-25 was an amazing and entertaining year. The school has done an amazing job in providing quality education and other extra-curricular activities. The Sports Day events provided every single student a chance to participate and showcase his or her skills. The main sports events like football and basketball were held very systematically on specific dates. The music events were also very entertaining. The teachers are very kind and teach their respective subjects in a way that is fun and understanding. Overall, the year had been a productive, educational and entertaining year. Thank you NPS!

I joined this school in the year 2024. I was very scared on my first day. I didn't know what to speak and how others would react, but later I understood everyone is friendly and easy to get along with. Teachers are supportive, and they make sure that every student understands the topic. I had a wonderful year. I was over the moon on the Sports Day as my parents could hear me play the flute as I was a part of the School Band. Be it the PE classes or the interhouse dance practice, each day made me have some indelible memories. My heartfelt thanks to all the teachers and my friends for making this year a memorable one. The Field Trip and the Interhouse Football Match were the best part of this academic year. Our school has a lot of facilities, and the campus is also well maintained. Every classroom has a smartboard which helps students learn easily. Fortunately, the PE periods have been increased, and that is a right call.

This school is a great place to learn moral values! Here the learning environment is amazing, and we feel very comfortable while communicating with the teachers. We have many opportunities besides academics such as sports, debate, spell bee, art competitions etc. We have knowledgeable teachers who explain the topics effortlessly. Overall, it is a place to create wonderful bonds & memories while prospering academically.

This school has really motivated me to do many things. There were a lot of talents I discovered in myself only because of the teachers and faculty members who gave me an opportunity. It was lovely spending 8 years of my school life in this school. Talking academically, this school provides us with a lot of opportunities through Olympiads, etc.

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I liked the balance between academics and extracurricular activities. All the teachers taught very well, and I appreciate their teaching styles. The P.E. teachers and the Robotics teacher introduced new concepts that I enjoyed. I was interested in both classes and always excited to attend them. Overall, it was the best year.

This school has offered me and many other students' valuable opportunities through organising events on campus and sending us to participate in events outside the school. I truly appreciate the dedication of our teachers to our studies and the efforts of the school faculty in organising events and supporting extracurricular activities. Additionally, it's a great bonus that we now have an hour dedicated to P.E. each week.



FEEDBACK



## The Student Perspective: Unfiltered, Unique and Insightful

NPS was one of the best experiences of my lifetime. It brought a whole personality change in me. I have been in this school for more than seven years now, and so far, we're all like a family. NPS has good infrastructure, a well-maintained campus and so much more. Discipline is strict here, which helps build students' personalities and shapes them into great individuals for the future. The teachers here are those kinds of teachers where you will remember every detail they taught you and the ones who help create the best memories.

I enjoyed every class and the skill activities given to us each month, such as writing a post and practicing self-love etc. I also enjoyed the skill classes we had every Saturday, where we prepared sandwich, Oreo desserts etc. Although we missed many P.E. classes, I still enjoyed the ones we had with my friends. I had a wonderful time in Grade VIII with my teachers and friends.

Grade VIII was probably the best year I have had in the 11 years of being a part of NPS. This year for me personally was a roller coaster of emotions. Sports day or must I say 'Concordia 24-25' was the highlight of this year. I was a part of the school band and made many memories there. The sports day drill practice was tiring but so much fun. The entire year was filled with events and special assemblies which was so mesmerising to watch. The teachers too were the best teachers I could ask for. Thank you NPS and team for making our school experience one worth remembering. It was truly the best year.

The previous academic year was amazing and was full of surprises. I thoroughly enjoyed my academic year. There were many activities, and the teachers taught us well, we had exciting events such as Krishna Janmashtami programme where students performed dances, teachers sang songs and much more. The best part about my school is that they organise many programmes for everyone to participate in.

This year was truly amazing. At first, I had a hard time keeping up with the syllabus, but all the teachers were incredibly understanding and helpful. I am grateful to them for helping me get through this short year. I also had many friends who were willing to explain topics I didn't understand. The skill classes were fun. I learned how to make a variety of dishes. Outdoor PE is fun, but I prefer playing chess or carroms instead. Overall, the year was incredible. I got to be with old friends and make new ones.



FEEDBACK



## The Student Perspective: Unfiltered, Unique and Insightful

The Academic year 2024-25 will always be a memorable one for me. Teachers here are passionate about their work, and they have helped me excel in my academics. I really appreciate the way NPS balances academics and extra- curricular activities. They have opened a door of opportunities for me. Teachers have recognised my talent in singing and have encouraged me to take part in various interschool competitions. Concordia -Sports Day was enjoyable - both for parents and students. I would never forget the memories NPS has given me.

The school has always been my second home. I have been grateful to all the teachers because of their hard work and skills. I had liked the last academic year because of all the activities conducted, like "Skill Classes" where we were taught how to bake and cook various things, we were also taught to make beautiful art pieces. We also had "Sports Day" last year which was organised well. Many opportunities were given to students in the field of sports, art and academics. I would conclude and say that the last year was the best academic year.

Last academic year was my first year in this school and I truly loved the opportunities I received. I discovered so much about myself and realised that I am good at many things. Even though it was challenging, I am so thankful that NPS helped me understand my true potential. I love all my teachers; they were kind and caring. I made many new friends and learned to play new sports that I had never focused on before, which have now become a huge part of my life. With the help of my teachers and my friends, I improved a lot in my academics. This year I am determined to achieve even more and make my parents and school proud. Thank you, National Public school!

This academic year was truly amazing and productive. Various activities were conducted from the beginning to the end of the year, and I thoroughly enjoyed them. A strict discipline committee was in charge throughout the year, ensuring a well-organised environment. The teaching facilities, integrated classes and co-curricular activities were conducted well. Our school not only teaches us discipline and essential life skills but also provides opportunities to explore future career options by organising various programmes. I truly appreciate the management and staff of NPS Chikkabanavara for providing us with such a wonderful learning experience!

I always felt the school as my second home. I am grateful to my teachers because through their hard work I was able to achieve a good percentage. I really enjoyed my last academic year as I got the opportunity to meet new teachers and make new friends. It was the best year! One of the highlights was a new activity called "Skill Classes," where we learned how to bake and cook without fire. Doing these activities in class with friends was a different kind of fun. We also went on a field trip, which was an amazing experience filled with enjoyment. Another exciting event was Sports Day, where the theme was "Concordia." Each of the four houses was assigned a different theme, and we also participated in the march past. It was a memorable day. Overall, the teachers taught us well, and I am truly grateful for everything I learned.







The Student Perspective: Unfiltered, Unique and Insightful

Equal importance was given for academics and extracurricular activities. All the teachers have a lot of experience and teach very well. Safety is always assured for the students.

Grade IX 2024-25 was a wonderful year and the most memorable in my school life. There were many cultural and sports activities and events that I enjoyed and there was no compromise in studies. I love the way our teachers and Principal interact with us and enquire about our problems and difficulties. I am expecting and hoping this year to be more memorable and interesting than Grade IX. I will surely maintain discipline and make sure I enjoy the upcoming year.

This is my 11th year at NPS. I joined in the year 2014. The last year was very special, Sports day was the best, elections were held which was a new experience and it was held in a fair and just manner. Looking forward to having more opportunities the next academic year.

The teachers have always supported us and have cleared all our doubts, making it easy for us to prepare for the exams. There were a lot of cultural activities that flourished alongside academics, which made our school life exciting and joyful

Progress is a gradual process, the institution has substantially played a pivotal role in the overall development of students by implementing SEWA, Election campaigning, conducting various cultural events, encouraging to participate in sports activities, practical exposure to students on educational and career streams. Students were also a part of numerous interschool competitions. This motivation, guidance and exposure by school will undoubtedly make us better citizens of our nation. The school's holistic approach towards our social growth shall truly leave an everlasting mark in our lives. I'm proud to be a part of NPS Ckbnr.

I'm proud to be a part of NPS Ckbnr. This Institution provides us the highest standard of education. It made me discover my inner self and all my hidden talents. NPS always encouraged us in our academics and all co-curricular activities. This year was packed with adventures and joy. We were introduced to different life skills every month. The teachers and all the staff were always ready to help us in every situation. Special thanks to our Principal, Ms. Priyanka Suresh, for making this year wonderful. As our school motto we will 'Reach out, Reach high and Reach beyond' exceptionally.

