



From the Headmistress Desk

Cultivating a Culture of Joy and Celebration!

At Ryan International Academy, we are committed to creating an environment where joy and learning go hand in hand. As we step into a new year, it is a time to reflect on the values that guide us and the vision that propels us forward. Education at Ryan International Academy goes beyond academics; it is about nurturing well-rounded individuals who embrace creativity, collaboration, and community.

Joy is a powerful force in education. It inspires curiosity, encourages active participation, and creates an atmosphere where students thrive. By integrating celebration and happiness into daily learning, we aim to build a vibrant community where each child feels valued and empowered to reach their full potential.

The foundation of this culture lies in strong partnerships with parents and the larger community. Parents play an essential role in their child's development, and their involvement enriches the school environment. At Ryan International Academy, we encourage open communication and active engagement to ensure every child's journey is supported by a network of care and collaboration.

Our focus on holistic development ensures that learning is not confined to textbooks. Students are encouraged to explore their creative and social abilities through various activities that emphasize teamwork, empathy, and leadership. These experiences instill lifelong values such as respect, responsibility, and resilience, preparing them to navigate the complexities of the world with confidence and compassion.

As we move forward in 2025, our vision remains clear: to create a harmonious blend of academic excellence and personal growth. We are dedicated to fostering an environment where students are not only prepared for success but also equipped to contribute positively to society. This involves continuous innovation in teaching methods, integrating values into the curriculum, and offering opportunities for students to express themselves meaningfully.

To our teachers and staff, we extend our gratitude for their tireless efforts in shaping young minds. To our parents, thank you for your trust and partnership in this shared

journey. And to our students, you are the heart of our school, and your growth inspires us every day.

On behalf of Ryan International Academy, we wish you a Merry Christmas and a Happy New Year filled with joy, success, and new possibilities. Together, let us continue to cultivate a culture of celebration, learning, and shared purpose, creating a brighter future for all.

-Ms. Laxmi Kedareshwaran,
Headmistress, RIA Kanakapura

Editorial Committee:

Ms. Laxmi Kedareshwaran, Headmistress

Ms. Yukthi, Section Head

Ms. Geethanjali, Teacher



Quote of the month

*“Winter is not a season,
it’s a celebration”*

- Anamika Mishra



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Celebrating National Electricity Conservation Day! - Mont I to III

On **16th December**, our Montessori students took a significant step towards promoting energy conservation by participating in a special activity to mark National Electricity Conservation Day.

"Let's Switch Off" Activity: Students from our Montessori section took turns to switch off lights in the classroom, demonstrating their understanding of the importance of conserving electricity. This simple yet effective activity helped our young learners appreciate the value of saving energy.

Raising Awareness about Energy Conservation: National Electricity Conservation Day serves as a reminder of the need to conserve energy and reduce our carbon footprint. By participating in this activity, our students learned about the significance of energy conservation and its impact on the environment.

Fostering Responsible Habits: This activity aimed to instill responsible habits in our students, encouraging them to make a positive impact on the environment. By taking small steps towards energy conservation, our students can contribute to a more sustainable future.

Energy Conservation Pledge - Grade I & II

As we celebrate National Conservation Day, we are reminded of the importance of protecting our planet's natural resources for



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future generations. Conservation is a collective responsibility that requires our attention, action, and commitment.

Every small action counts, and together we can make a significant difference. Our school grade II students took the pledge to save our mother Earth.

Energy Conservation – Poster Making Competition Grades III to VI

At Ryan International Academy, Kanakapura, we believe in holistic learning and follow an integrated art method to foster curiosity and observant young minds. To reinforce this approach, we organized a poster and art competition where students created visual representations of energy conservation, focusing on renewable energy, reducing carbon footprints, and the importance of turning off lights. A well-designed poster effectively combines images and text to capture attention and convey a message. Our grade III students excelled in this activity, and stood out for its impactful message. Such initiatives at RIA cultivate social awareness and empower responsible individuals who contribute to renewable energy and its conservation.

National Mathematics Day Mont I & III

Celebrating National Mathematics Day!

Our Montessori students from mont I to III celebrated National Mathematics Day with great enthusiasm!



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Students of the mont section: Shape Exploration with Clay.

As part of the celebration, our young mathematicians created various shapes using clay. They identified and named the shapes, demonstrating their understanding of basic geometry concepts.

Shapes Created:

- Spheres
- Cubes
- Cylinders
- Cones
- Rectangles
- Triangles

This activity aimed to foster our students' spatial awareness, problem-solving skills, and creativity. By exploring and identifying shapes, they developed a deeper understanding of mathematical concepts and their real-world applications.



Ramanujan's Contributions Presentation - Grade I & II

Ramanujan's Contributions presentation Competition for **Grade II** held on **19th December 2024**. Amrit. S from grade II who actively participated and secured 1st place in the competition.

Introduction: National Mathematics Day celebrated on 22nd December 2024 honoring the contributions of Indian Mathematician Srinivasa Ramanujan and promoting a deeper appreciation for mathematics in our daily lives.

The objective of the celebration was to:

1. Create awareness about the importance of mathematics in our daily lives.
2. Encourage students to develop a love for mathematics and its problem-solving aspects.

Competition Details: Ramanujan's Contributions Presentation details:

- Organized a presentation of Srinivasa
- Ramanujan included his interesting anecdotes, his most famous theorems, and how his work has influenced modern mathematics.

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Introduction: National Mathematics Day celebrated on **22nd December 2024** honoring the contributions of Indian Mathematician Srinivasa Ramanujan and promoting a deeper appreciation for mathematics in our daily lives.

Sudoku Puzzle Competition Grades III to VI

To commemorate National Mathematics Day, our grade III students participated in an exciting Sudoku Puzzle Competition. The event aimed to foster a love for mathematics, promote logical thinking, and encourage problem-solving skills.

Learning objectives:

The National Mathematics Day aims to develop problem-solving skills, logical thinking, and critical thinking in students. It enhances mathematical concepts such as patterns, sequences, and number relationships, while fostering perseverance, patience, and self-discipline. The competition also promotes healthy competition, sportsmanship, and teamwork, cultivating confidence, self-esteem, and a growth mindset.

Ryan International academy Kanakapura branch Sudoku puzzle competition was conducted on 19th December 2024 with the grade III with full enthusiasm.

Competition Details:

The competition was conducted in the classroom. The puzzles were carefully designed to cater to different levels of expertise, ensuring that each student had an opportunity to showcase their abilities.

Winner:

After an intense competition, the winner was announced. [Thansi Sharath] emerged as the champion, solving the puzzle with speed and accuracy.



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Christmas Celebration Mont I to Grade VI

Our Montessori school was filled with joy and festive cheer as we celebrated Christmas on 20th December. The children showcased their creativity and enthusiasm through various fun-filled activities.

Finger Print Christmas Tree Decorations - Mont I: Our youngest students, mont I, had a blast drawing Santa Claus and creating a Christmas tree using their thumbprints. Their little hands worked magic, filling the room with colorful artwork.

Draw and colour Christmas Ornaments - Mont II: Mont II students showcased their artistic skills by making Christmas balls through drawings and creating a beautiful Christmas tree using green ribbons. Their creativity and attention to detail were truly impressive.

Fork Painting (Christmas Tree) - Mont III: Our Mont III students demonstrated their artistic talents by painting a Christmas tree using forks and drawing a reindeer, which they colored with vibrant hues. Their artwork was a testament to their imagination and skill.

The Christmas celebration was a wonderful opportunity for our students to express themselves creatively, learn about the significance of the festival, and bond with their peers. We are proud of our little ones for their enthusiasm and talent.



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Reindeer Paper Craft Competition - Grade III

Ryan International Academy, Kanakapura, had a festive and fun-filled Reindeer Papercraft Competition, and our talented grade III students showcased their creativity and skills. Congratulations to Ratanya Suresh, our winner, who crafted an adorable and impressive reindeer papercraft. Ratanya's attention to detail and artistic flair earned her the top spot. We're proud of all our participants for their enthusiasm and imagination.



White Day Celebration Mont I to III

Our Montessori students celebrated White Day with great enthusiasm and creativity! The children wore white dresses, adding to the festive atmosphere.

Mont I Activities:

- **Palm Print Art:** Mont I students created beautiful palm print art using white paint, making handprint snowmen.
- **Snowman Coloring:** The students also colored snowman pictures, developing their fine motor skills and creativity.

Mont II Activities:

- **Snowman Drawing:** Mont II students drew and colored snowmen, showcasing their artistic skills.
- **White Rabbit Palm Print:** The students also made palm prints of a white rabbit, exploring texture and pattern.



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Mont III Activities:

- **Thumbprint Sheep:** Mont III students created adorable thumbprint sheep, practicing their fine motor skills.
- **Drawing a Polar Bear:** The students also learned how to draw a polar bear, developing their drawing and coloring skills.

Celebrating Unity & Purity

White Day is a celebration of unity, purity, and new beginnings. Our Montessori students enjoyed a fun-filled day of creative activities, bonding with their friends and teacher.

Culminating Event on Entrepreneurship for Grade VI

A Celebration of Creativity and Innovation

On the 21st December 2024, the school witnessed an extraordinary display of creativity, innovation, and entrepreneurial spirit as grade VI students participated in a culminating event on entrepreneurship. The initiative was designed to nurture young minds by introducing them to the concepts of product development, marketing strategies, and real-world selling.

The event was a vibrant marketplace where students showcased their self-made products. From handmade chocolates and greeting cards to eco-friendly and recycled pots, the variety of items presented was a testament to the students' ingenuity and hard work.



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The highlight of the event was the sustainable eco-friendly pots, hand-painted with intricate designs and made from recycled materials. This innovative approach to combining creativity with sustainability not only impressed the judges but also garnered significant admiration from the attendees. The team behind this project was declared the winner, setting an example of how young entrepreneurs can contribute to a greener future.

Another notable project included beautifully crafted greeting cards that reflected the students' artistic talents, while another group delighted visitors with handmade chocolates, showcasing their culinary skills and creative packaging ideas.

The judges, comprising experts and mentors, commended the students for their originality, teamwork, and presentation skills. They lauded the entrepreneurial spirit of the participants, emphasizing the importance of such initiatives in shaping future leaders and innovators.

The event was not only a platform for students to explore entrepreneurship but also an opportunity for them to understand the value of sustainability, creativity, and collaborative efforts. The energy, enthusiasm, and effort put in by the students made it a fantastic and memorable occasion.

The success of this event reaffirms the school's commitment to holistic education, ensuring that students are equipped with essential life skills alongside academic learning. It was indeed a day to remember, leaving everyone inspired and eager for more such enriching experiences.



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Christmas Carnival Mont I to Grade VI

The festive spirit was alive and thriving as we hosted our much-anticipated Christmas Celebration on 21st December 2024. The event brought together students, parents, and staff in a memorable celebration of the season, filled with joy, creativity, and meaningful experiences.

Highlights

Helen O' Grady Drama on Conservation of Water: The audience was captivated by a powerful drama presented by our talented students, emphasizing the importance of water conservation. The performance was both thought-provoking and entertaining, inspiring everyone to take action for a sustainable future.

A play of Nativity Scene

A beautifully staged Nativity Scene brought the story of Jesus Christ's birth to life. The attention to detail and heartfelt acting by the students added a spiritual dimension to the celebration, reminding everyone of the true meaning of Christmas.

Christmas Carols

The event reached a magical crescendo with a chorus of Christmas carols sung by our students and audience. The harmonious melodies spread cheer and unity, making it a truly memorable moment.

Fun and laughter echoed through the venue as participants engaged in a variety of exciting games. From interactive challenges



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to creative activities, there was something for everyone to enjoy!

The celebration was accompanied by an array of delicious treats and festive delicacies. Families and friends bonded over shared meals, adding to the warmth and joy of the occasion.

The event featured stunning performances by our gifted students, showcasing their creativity and talent. From dances to skits, each act was a testament to their hard work and enthusiasm, leaving the audience thoroughly impressed.

This Christmas Celebration was a perfect blend of entertainment, education, and festive cheer. The event fostered community spirit and created lasting memories for everyone who attended.

Conclusion: We extend our heartfelt gratitude to all the participants, parents, and staff who made this celebration a grand success. Wishing you all a Merry Christmas and a Happy New Year!



SPORTS

Inter school Karate Competition: A Showcase of Skill and Spirit

On 15th December 2024, our school hosted its highly anticipated intra school karate competition, bringing together talented young karatekas from various classes. The event was a thrilling display of martial arts expertise, discipline, and sportsmanship

Event Highlights

- The competition consisted of different categories, including kata and kumite events for different age groups and belt levels.
- All the students participated, demonstrating their mastery of various karate techniques and styles.
- The event was officiated by 3 experienced judges and referees, ensuring a fair and safe competition for all participants.

Closing Ceremony: The competition concluded with a closing ceremony, where medals and certificates were awarded to the winners. Laxmi Kedareshwaran Headmistress of Ryan International Academy, Kanakapura, congratulated the participants on their achievements and emphasized the importance of perseverance, hard work, and teamwork in martial arts.

Organizing Committee: The success of the inter school karate competition was made possible by the tireless efforts of our organizing committee, including other dedicated staff members.



INNOVATION ACADEMY

Types of Energy - Grade IV

The students of grade IV participated in an engaging yardstick activity designed to help them understand and differentiate between various types of energy.

Objectives:

- 1) Identification of different types of energy.
- 2) Examine energy transformation.
- 3) Able to draw energy transfer diagrams.

Activity: Students were given various components and they prepared an experimental set up to convert electrical energy into other forms of energy such as light energy and sound energy also it helped them to identify the different types of energy.

Conclusion: The yardstick activity provided an engaging and interactive way for students to explore and understand different types of energy.

Electricity & Circuits (Mr. Bean's game) - Grade VI

The students of grade VI participated in an engaging yardstick activity designed to help them to understand switches are used for completing or breaking circuit and the circuit should be closed for current to flow through.

Objectives:

- 1) Construct a simple circuit
- 2) Identify open and closed circuits
- 3) Identify conductors and insulators
- 4) Design a circuit game



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Activity: Students were given various components and they prepared an experimental set up to construct a simple circuit, observe completed and broken circuits, distinguish between conductors and insulators, and also to design a circuit for a game.

Conclusion: The yardstick activity provided an engaging and interactive way for students to explore circuits.



INNOVATION LAB ACTIVITY

Adding Light & Horn to the Car - Grade I

Learning Outcomes:

Students are able to

- Re-cap of terms - LED, Buzzer, Electric circuit, battery and switch.
- Learn the uses of horn, light and their working.
- Identify and name the different parts of a car, such as wheels, tires, chasis, axle, gear etc.

Understand the concept of movement, motion, force, direction & magnitude. Explore the concept of electrical circuits by learning how to connect and disconnect the power source to activate or deactivate the motor. Understand the buzzer or speaker to play the horn sound when needed. Test if the car stops, slows down, turns on lights, and honks the horn appropriately. Investigate the role of the pulley in transferring rotational motion from the motor to the wheels, resulting in the car's movement.



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Impact of the Activity: The activities helped in enhancing a hands-on learning experience in the session, which facilitated a deeper understanding to the design of cars and their basic parts, allowing them to explore different types of cars such as magnetic cars, balloon cars, and electric pulley- gear cars. Develop fine motor skills through assembling car models using tools. Additionally an electric car is a plug-in electric automobile that is propelled by one or more electric motors using the energy stored in rechargeable batteries. The transmission of the force from the motor to a wheel axle is carried through two gears/pulleys and a rubber band that acts as a belt. Moreover, they are now aware that an electric car can be a significant method of transport alternatives to the vehicles on petroleum products as fuel.

Circuit Based Wire in a Loop Game - Grade II

The wire loop game, also known as the buzz wire game, is a circuit-based game where players guide a metal loop along a wire without touching it:

How it works the loop and wire are connected to a power source, and when they touch, the circuit is closed, triggering a light or sound. The sound is usually a buzzing noise.

Objective: Players try to get the loop from one side of the wire to the other without touching it. The goal is to be fast and efficient, with the fewest touches.

Materials: You can make a wire loop game



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with a battery pack, buzzer, foam core, insulated wire, machine screws, machine screw nuts, and washers.

Difficulty: The game is challenging and competitive, and it's a good way to improve hand-eye coordination.

Learning Outcomes:

Students are able to

- Re-cap - basic electric circuit, open and close circuit.
- Recite the major components to comprise the circuit.
- Understand about conductors and insulators, enlisted ten items each from surroundings.
- Developed hand-eye coordination.
- Explored the various material for making the loop like cooper wire, steel, aluminium.
- Use of appropriate tools for screwing, bolting, making the wire loop

Impact of the Activity: Students implemented the knowledge of good & bad conductor using the circuit setup. They explored various material and learnt about best conductor to design games. The loop and wire are connected to a power source in such a way that, if they touch, they form a closed electric circuit as a result the light-emitting device will light up, and the sound-emitting device will make a sound.

Introduction to Block Programming & Basic Workshop on Arduino UNO Board - Grade III

Following are the outcomes of the activity-

- **Programming Proficiency:** Develop a foundational understanding of block programming, enabling students to create and understand simple code structures for the Arduino UNO board.
- **Electronics Fundamentals:** Gain hands-on experience in working with the Arduino UNO board, fostering an understanding of basic electronics components, circuits, and their interactions.



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Problem-Solving Skills: Cultivate problem-solving abilities by tackling challenges during the workshop, encouraging students to troubleshoot and debug their code and circuit connections.

- **Project-Based Learning:** Engage in a practical, project-based approach, allowing students to apply programming and electronics concepts to create tangible and functional projects with the Arduino UNO board.
- **Interdisciplinary Learning:** Foster interdisciplinary learning by combining programming and electronics, promoting a holistic understanding of how software and hardware interact in the context of a widely used microcontroller platform.

Impact of the activity: Participating in the block programming and Arduino UNO workshop has a profound impact on students as it bridges theoretical knowledge with hands-on application. Through this experience, students not only develop a solid foundation in programming but also gain practical insights into the world of electronics by working with the Arduino UNO board. The workshop cultivates problem-solving skills, encouraging students to troubleshoot coding errors and circuitry challenges. The hands-on, project-based learning approach not only enhances their technical proficiency but also instills a sense of creativity and innovation as they see their code translate into tangible results. Moreover, the interdisciplinary nature of the workshop fosters a holistic understanding of the relationship between software and hardware, preparing students for future endeavors in the dynamic fields of programming and electronics.

Introduction to Block Programming & Basic Workshop on Arduino UNO Board - Grade IV

Following are the outcomes of the activity-

- **Programming Proficiency:** Develop a foundational understanding of block programming, enabling students to create and understand simple code structures for the Arduino UNO board.



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- **Electronics Fundamentals:** Gain hands-on experience in working with the Arduino UNO board, fostering an understanding of basic electronics components, circuits, and their interactions.
- **Problem-Solving Skills:** Cultivate problem-solving abilities by tackling challenges during the workshop, encouraging students to troubleshoot and debug their code and circuit connections.
- **Project-Based Learning:** Engage in a practical, project-based approach, allowing students to apply programming and electronics concepts to create tangible and functional projects with the Arduino UNO board.
- **Interdisciplinary Learning:** Foster interdisciplinary learning by combining programming and electronics, promoting a holistic understanding of how software and hardware interact in the context of a widely used microcontroller platform.

Impact of the activity-

Participating in the block programming and Arduino UNO workshop has a profound impact on students as it bridges theoretical knowledge with hands-on application. Through this experience, students not only develop a solid foundation in programming but also gain practical insights into the world of electronics by working with the Arduino UNO board. The workshop cultivates problem-solving skills, encouraging students to troubleshoot coding errors and circuitry challenges. The hands-on, project-based learning approach not only enhances their technical proficiency but also instills a sense of creativity and innovation as they see their code translate into tangible results. Moreover, the interdisciplinary nature of the workshop fosters a holistic understanding of the relationship between software and hardware, preparing students for future endeavors in the dynamic fields of programming and electronics.

Automatic Fuel Filling System - Grade V

Students learnt that Automatic fuel filling systems use a variety of technologies, including sensors, a microcontroller, and a robotic arm, to allow drivers to fill up their vehicles to fill fuel without human intervention.

Learning Outcomes:

- **Understanding Sensors:** Learn how ultrasonic sensors work and how they can be used to measure distances.
- **Hands-on Experience:** Gain practical skills in electronics, Arduino programming, and sensor integration.

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- **Automation:** Understand how automation works and how it can be used in real-world applications, such as fuel stations.
- **Creativity:** Develop ideas to make the system look more realistic and functional.
- **Problem Solving:** Troubleshoot and solve any issues with the circuit, code, or setup.

Impact of the Activity: This activity provided students with a practical and engaging way to learn about sensors, automation, and programming. They understood how automation can be used to control a process like filling a fuel tank. The project also helped students develop problem-solving skills as they worked to make the system function properly.

Mini Mic Amplifier Grade VI

Learn about basic electronic components, such as resistors, capacitors, transistors, and their roles in circuits.

- Gain knowledge in designing simple electronic circuits and understanding the flow of current.
- Explore the principles of sound amplification and how microphones and amplifiers work.
- Practical skills in soldering and assembling electronic components were developed.
- Troubleshoot issues in their circuits and make necessary adjustments.
- Collaborative work, with students working in teams to achieve a common goal.
- Encourage innovative thinking and creativity in designing and modifying their amplifiers.

Impact of the activity: Students developed



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a solid foundation in basic electronics and circuit design, gaining practical skills in soldering and assembly. The project enhanced critical thinking and problem-solving abilities by requiring students to identify and resolve issues. They understand that a compact audio device is used to increase the signal's strength. This amplifier improves sound signals by enhancing volume as well as clarity for an immersive listening experience. These amplifiers are perfect for portable audio systems which are used in small spaces.





"I am thrilled to share my heartfelt appreciation for Ryan International Academy's unwavering commitment to providing holistic education. As an educator, I have had the privilege of witnessing firsthand the transformative impact of the various initiatives undertaken by the school. One such initiative that has left an indelible mark on our students is the Speech and Drama program. This program has not only helped students develop essential communication skills but has also empowered them to express themselves confidently and creatively. I have seen students who were once hesitant to speak up in class now take center stage and deliver powerful performances. The program has fostered a sense of self-assurance, teamwork, and creativity among our students, which is truly remarkable. As a teacher, working in an environment that encourages innovation and creativity has been incredibly enriching. The school's supportive administration and collaborative teaching community have allowed me to grow both professionally and personally. Ryan International Academy's dedication to providing a well-rounded education has created a nurturing environment that allows both students and teachers to thrive. I feel fortunate to be a part of this journey and look forward to continuing to contribute to the growth and development of our students.

Thank you, Ryan International Academy, for creating a haven where education meets passion and creativity."

**- Mrs. Yukti Sharma,
Educator, Ryan International Academy**



The Christmas Carnival and Parent Teacher Meeting celebration at Ryan International Academy on 21st December 2024 was a delightful and joyous occasion that we thoroughly enjoyed. The event was filled with excitement, festive cheer, and engaging activities for children and parents alike. The celebration began with a wonderful choir performance by the students, filling the air with beautiful Christmas carols. The melodious voices of the children created a magical atmosphere and set the tone for the day. Following this, there were vibrant dance performances by the talented students, showcasing their energy, creativity, and festive spirit. The highlight of the day was the interactive speech given by enthusiastic parents, sharing their experiences and joy of being part of the Ryan family. It was heartwarming to hear their words of encouragement and support. There were several fun-filled activities involving parents and children, strengthening the bond between families and the school. A captivating street play performed by the students spread messages of kindness, love, and the spirit of giving. The event also featured delicious food stalls offering a variety of treats, adding to the festive cheer. Parents and children enjoyed the tasty delights while socializing and making memories together. Overall, the Christmas Carnival and PTM celebration at Ryan International Academy was a grand success, filled with joy, laughter, and festive spirit. We left the event with happy hearts and cherished memories to treasure.

**- Mr. Avinash Kumar Mishra,
Parent of Mayan Avinash Mishra - Grade IV**

Upcoming Events

- National Road Safety Week
- Army Day
- Netaji Subhash Chandra Bose Birth Anniversary
- Republic Day
- National Cleanliness Day
- Brown Day - Brilliant Brown (Montessori)

