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gyanodaya prabha

Editorial

Navigating Endings, Celebrating Achievements, and Welcoming New Beginnings

As we step into December, the last month of the year, we find ourselves at the crossroads of reflection and anticipation. It is a month of significance, symbolising both closure and new beginnings. As the days grow shorter and the nights longer, we are reminded of the year's journey—its triumphs, challenges, and the resilience that has carried us through.

December is a month of reflection, a time to look back on the months gone by and take stock of the experiences that have shaped us. It offers an opportunity for introspection, gratitude, and contemplation. It is a period when we evaluate the goals we set at the beginning of the year, celebrate achievements, and learn from setbacks. December encourages us to appreciate the passage of time and the growth it brings, setting the stage for new aspirations in the coming year.

Moreover, December is a month of celebration and festivity. It brings people together, fostering a sense of warmth and unity. Whether through cultural festivities, religious observances, or shared moments with loved ones, December invites us to celebrate the bonds that connect us. The twinkling lights, festive decorations, and the winter chill create an enchanting atmosphere, making December a magical time for many.

In academics, December marks a crucial period for students as they face pre-board examinations. The dedication and hard work put forth by students during this time are commendable. These examinations serve as a

litmus test, gauging the understanding and preparedness of students for their upcoming board examinations.

For students performing well in their pre-board examinations, this is a moment of validation and confidence-building. It reflects not only their academic prowess but also their commitment to learning. It is a testament to the hours spent poring over textbooks, the collaboration with peers, and the guidance received from teachers. As these students navigate the challenges of pre-board examinations successfully, they pave the way for a promising academic future.

As we extend our warmest wishes for Christmas and the New Year, let us embrace the spirit of joy, love, and hope. Christmas is a time for reflection on the year gone by, a celebration of togetherness, and a reminder of the importance of giving. The exchange of gifts, the sharing of meals, and the joyous carols echo the sentiments of goodwill and unity.

Looking ahead to the New Year, may it bring renewed energy and fresh opportunities. As we bid farewell to the old and welcome the new, let us set intentions for growth, resilience, and kindness. May the coming year be filled with moments of triumph, learning, and compassion.

In conclusion, December encapsulates the essence of a year's journey, providing a canvas for reflection, academic achievement, and festive celebrations. As we navigate through the last days of the year, let us embrace the significance of December and approach the New Year with optimism and gratitude. We wish our readers a joyful Christmas and a prosperous New Year!

BioDiesel Extraction from Algae

On December 20, 2023, a "BioDiesel Extraction from Algae" event took place, organised by Ms. Neha Tiwari, with 42 students from class VII A participating. The objective was to educate students on the sustainable process of obtaining biodiesel from algae, emphasising the reduction of dependence on fossil fuels and environmental benefits.



The activity included learning about algae biology, cultivation techniques, harvesting methods, lipid extraction, transesterification, quality control, and environmental impact assessment. The interdisciplinary collaboration aimed to develop teamwork skills for successful biodiesel extraction. Mrs. Priyanka Jain judged the event, and the winners were students from class VII C: Astik Jain, Koyna Chandel, Kushal Jain, Manya Singh Bisen, Harshit Vyas, Kartik Nema, and Aadarsh Wadhvani. Their success highlighted their understanding of the various aspects of biodiesel production from algae.

Chemical garden and crystal ornaments

On Thursday, December 21, 2023, Poonam Pathania led an engaging "Crystal Ornaments" activity for 20 class IX students from all sections at the Cinema Hall. The 3-hour and 20-minute session focused on exploring chemistry through the creation of ornaments using borax, sugar, and potash alum in saturated solutions. The activity aimed to impart knowledge about crystal properties, including shape, size, colour, and formation methods.



Key chemistry concepts such as saturated solutions, crystallisation, nucleation processes, and solution concentration effects were explained. The session also emphasised the development of communication skills, critical thinking, lab etiquette, teamwork, and smart work through presentations and videos. The report suggests that with more time, unexpected creativity could be explored, as practice is considered crucial for building a creative mind.

Math in Action (a math mini market)

On December 20, 2023, at Gyanodaya Primary Wing, an event named "Math in Action" was organized by Pooja Jain and judged by Mr. Narendra Singh. Grade 5 students orchestrated a math mini market with 10 shops for Grade 3 and 4 students. The objective was to teach basic math skills such as buying, selling, discounts, and budgeting in practical scenarios.



The shops covered diverse areas like books, crafts, masks, sports, teaching aids, vegetables and fruits, stationery, colours, and water bottles, each incorporating mathematical concepts. Activities included the buying and selling experience, math workshops, and collaborative learning to enhance teamwork and knowledge sharing.



The Math Mini Market successfully made math engaging and practical. Grade 5 students effectively managed the shops, applying pricing and discounts, while younger students practiced basic math during the buying experience. The event not only showcased math skills but also emphasised teamwork, creativity, and an enjoyable learning process for all participants.

World of Wit and Wisdom

On December 21, 2023, Gyanodaya School organized the "World of Wit and Wisdom" competition, led by Ayushi Samaiya. Twelve students from classes 3 to 5 participated, aiming to promote the Hindi language, familiarise students with idioms and proverbs, and enhance logical reasoning skills.



The competition resulted in Laxmibai House winning the first position, Tagore House securing the second position, and Vivekananda House attaining the third position. The judges were Mr. Kirtivardhan Shrivastav and Mr. Akhilesh Jain.

National Mathematics Day

The National Mathematics Day event took place on December 22, 2023, at Gyanodaya Primary Wing, focusing on the theme "Mathematics in Everyday Life." Primary students from grades 3 to 5 actively participated, presenting creative displays and engaging in interactive demonstrations.



The emphasis on inclusivity and teamwork was evident, fostering a collaborative learning environment. A panel evaluated presentations based on creativity, clarity, and relevance, with awards given to outstanding displays. The event successfully achieved its goal of making math relatable and inspiring curiosity, emphasising the enjoyment of learning mathematics.

Get the Momentum

On December 28, 2023, Mr. Rahul Agarwal, Head of the Department, organised an event named "Get the Momentum," featuring presentations by 12 students on emerging trends and technologies. The objective was to showcase cutting-edge topics in technology, fostering intellectual curiosity and a culture of continuous learning.

Topics Covered:

1. Zigbee Technology
2. Metaverse
3. Neuralink
4. Dark Web
5. Cybersecurity

Event Highlights:

1. Zigbee Technology: Explored applications in the Internet of Things (IoT) for efficient and secure communication networks for smart devices.



2. Metaverse: Discussed the virtual shared space concept, its impact on social interactions, business, and entertainment, highlighting key contributors.



3. Neuralink: explored Elon Musk's Neuralink project, focusing on its potential to revolutionise the interface between the human brain and technology and addressing ethical implications.



4. Dark Web: Provided insights into the hidden part of the internet, discussing reasons for its existence, its impact on cybersecurity, and challenges in regulation.

5. Cybersecurity: Covered the latest trends, threats, and best practices in securing digital systems, emphasising cybersecurity awareness with real-world examples of cyber-attacks.



The event successfully achieved its goal of presenting cutting-edge technologies, encouraging intellectual exploration, and fostering a culture of continuous learning among participants.

Cycle expedition

On December 31, 2023, Gyanodaya Higher Secondary School organized a Sustainable Development Goals-Centric Cycle Expedition involving approximately 120 students and 60 teachers.



The event aimed to align with SDGs 13 (Climate Action) and 3 (Good Health and Well-being) by raising awareness about environmental sustainability and promoting a healthy lifestyle. The expedition covered a 56-kilometer round trip from Khurai to Pathari, emphasizing sustainable transportation choices and the interconnectedness of individual well-being and environmental health. The participants' enthusiastic engagement demonstrated a commitment to both personal health and environmental sustainability. The event concluded with a sense of accomplishment, fostering a collective responsibility for building a sustainable and resilient future.

Inter House Dance Competition

On December 22nd, 2023, Gyanodaya Senior Secondary School hosted an "Inter House Dance Competition," organized by Miss Priyanka Biswas.



The event involved students from classes V to IX, showcasing folk dance with representations from Kashmir, Gabra, Rajasthan, and Kerala. Each group, consisting of three students, displayed energetic performances, and the students thoroughly enjoyed the event.



Vivekananda House emerged as the winner, displaying a passionate and hardworking approach to the theme. The objective of the competition was to provide students with a platform to showcase their talents, paying tribute to the rich cultural heritage. The activity also aimed to foster teamwork and coordination among the participants, contributing to a vibrant and engaging school atmosphere.

Sub Junior Inter House (Kabaddi, Kho-Kho, and Football Competition)

Gyanodaya SMVM Hr. Sec. School in Khurai conducted the Sub Junior Inter House Kabaddi, Kho-Kho, and Football Competition on December 30, 2023. The event was organised by the Physical Education Department, with Mr. Trilok Singh serving as the in-charge teacher. Officiating officers included Mr. Amit Yadav, Mr. Pappu Pathan, Mr. Sandeep, and Mr. Akeel.



The competition aimed to promote physical fitness, teamwork, and healthy competition among students, fostering sportsmanship and discipline. The impact included improved physical fitness, enhanced team-building skills, and increased participation in extracurricular activities.

The judging panel comprised Mr. Akeel Khan and Physical Education Students of Class XI. The final results saw Sarojni House winning in Senior Boys, Junior Boys, and Tagore House securing victories in Junior Girls and Senior Girls categories. Akeel Khan, the Basketball Coach, signed off as the responsible authority for the report.

Inter-House Volleyball Competition

Gyanodaya SMVM Hr. Sec. School in Khurai conducted its Inter-House Volleyball Competition on November 25, 2023, from 8:00 AM to 12:00 PM. Mr. Trilok Singh served as the in-charge teacher, and Mr. Amit Yadav officiated the event. The competition aimed to promote leadership, teamwork, sportsmanship, and overall well-being among students. The impact of the activity included students showcasing leadership, exceptional teamwork, and upholding high standards of sportsmanship. The event also encouraged an active and healthy lifestyle.



The recommendation for improvement suggests providing more practice opportunities before the competition. Mr. Amit Yadav and Physical Education Students of Class XI judged the event. Special thanks were extended to Mr. Amit Yadav for his fair officiation. The summary captures the essential details of the Inter-House Volleyball Competition at Gyanodaya SMVM Hr. Sec. School, Khurai.

Design The Web Page

On December 30, 2023, Gyanodaya SMVM Hr. Sec. School in Khurai conducted a Web Page Design activity for class 9 students, overseen by Mr. Aman Saraswat.



The competition featured 8 talented participants focusing on climate action and Srinivasa Ramanujan, with evaluation criteria including navigation bar, content quality, image usage, and background colour selection, determining winners based on a total of 20 marks.

The activity aimed to enhance creativity and digital skills, broadening students' knowledge beyond the curriculum. The outcome showcased improved digital literacy, deeper subject understanding, and honed critical thinking and problem-solving skills.

Recommendations for improvement included fostering constructive feedback, introducing advanced web design workshops, diversifying topics, involving industry professionals for evaluations, and creating a platform to showcase outstanding designs.



The judging panel, led by Jayshri Patil, recognized the achievements of Vedant Singh Dangi, Purnima Thakur, and Animesh Kumar Jain. Overall, the activity not only tested technical skills but also fostered creativity and digital literacy, contributing significantly to the students' overall development.

Bagless Activities for class XI

Gyanodaya SMVM Hr. Sec. School, Khurai, organized Bagless Activities for the students at different dates. The school believes that the real education is neither restricted to the four walls nor to the books. It is omnipresent in the environment. Only we require the vision and reason to discover and implement them. These activities not only provide a platform to encourage students to participate in extra-curricular activities but also it is an attempt to provide a different module of learning for better performance. Following the instructions and guidance of CBSE, Gyanodaya organized many activities with the students at different level. Following activities have been organized for different Sections of Class XI during Zero Period.

Debate: (23rd Nov. 2023) A debate was organized among the students on the topic – “Traditional Education is a big failure to inculcate the self-employment attitude among the youth”. The students participated actively to place their views for both ‘For the motion’ and ‘Against the motion’. This activity successfully boosted their skills of communication and oratory.



**Shreya Kurmi of XI D,
placing her strong points ‘For the motion’**



**Astitva Jain and Yadav Aadesh
from XI B, participating in debate.**

Scale drawing: (24th Nov. 2023) – Drawing activity, with the help of ‘triangles’ & ‘Quadrilaterals’, was organized for the students of XI which brought different taste of interest. The students enjoyed a lot with this skill making different figures.



Quiz: (29th Nov. 2023) A quiz contest was organized among the students to enhance their intellectual skills and presence of mind.



Dumb Charades: (30th Nov. 2023) – The students of XI D enjoyed a lot this activity where they were divided in two groups and presented their acting skills as Dumb. Students believed that this activity improved their confidence.



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