



The Brahm Dutt Blue Bells Public School Bulletin

abhirvyakti

Of the Students, By the Students, For the Students

Issue-1
May, 2024

Special Assembly On Labour Day



May 01 is celebrated as Labour Day all over the world. It marks the celebration of the hard work and dedication of the working class. The day was celebrated by the students of the Senior Wing of our school through a Special Assembly (by Class XI A). The occasion was graced by the presence of Madam Anshuka Aneja, Deputy Director, IT, Blue Bells Group of Schools. The Cyber Council for the Session 2024-25 was declared in her presence. In her address, Ma'am congratulated the members of the Cyber Council and wished the support staff members on the occasion of Labour Day.

Transition Session For Class VI



The transition from Primary to Middle School is a pivotal milestone in every student's academic journey, signalling a notable change in their educational environment and expectations. To address the needs of the young adolescents and offer them relevant guidance and information, the school's Health & Wellness Programme organized a 'Transition Session' for the students of Grade VI on April 25, 2024. The session is an indigenous initiative under the inspirational mentorship of Dr. Alka Saxena, Deputy Director (Health & Wellness).

Skating Sensations Achieve Laurels

It was a moment of immense pride for the school as the skilled skaters from Grades KG-V showcased their talents by securing 6 Gold Medals and 1 Silver Medal in different events of the Inter-School Speed Skating Competition held at Ajanta Public School, Gurugram, on April 25 & 26, 2024. They were awarded the overall trophy for their exceptional performance



Workshop On Preserving Nature Through Augmented Reality

An informative workshop was conducted by *Blue Planet Environmental Solutions India Pvt Ltd* for the students of classes VI to VIII focusing on the *practices to be followed for saving nature powered by Augmented Reality (AR)*. The workshop engaged students with interactive and educational content on crucial environmental themes, including Climate Change, Conscious Consumption & Production, Water Conservation, Biodiversity, etc. Using 3D and 2D models, concept of water cycle and pollution were presented as the part of demonstration.



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India Becomes The First Country To Receive More Than \$100 Billion In Remittances

India was the biggest recipient of remittances in 2010, 2015, and 2020, with remittances surpassing USD 100 billion in 2022. According to the United Nations Migration Agency, India received the most remittances in 2022, over \$100 billion. According to the International Organisation for Migration (IOM), the top five remittance recipient nations in 2022 are India, Mexico, China, the Philippines, and France. Southern Asia, with its vast population of migrant workers, receives some of the world's greatest remittance inflows. The epidemic has had a significant impact on Indian emigrant workers, notably low-skilled short

-term contract migrants, those employed in the informal economy, and illegal labourers. Job loss, pay theft, and a lack of social protection have resulted in significant debt and instability for many Indian migrants.



India Has Surpassed Japan As The World's Third-Largest Solar Power Generator.



According to a forecast by global energy think tank Ember, India will be the world's third-largest solar power generator in 2023, surpassing Japan, which was ranked ninth in 2015. The Global Electricity Review 2024 provides a comprehensive analysis of the global power landscape in 2023, highlighting India's growth in solar generation, making it the world's third-largest solar power generator. Solar energy contributed 5.5% to global production, with India alone generating 5.8% of its electricity. India saw the fourth-largest surge in solar generation in 2023, adding 18 TWh to its capacity, amidst China, the US, and Brazil, contributing 75% of global solar

Growth. Solar remains the fastest-growing electricity source globally, outpacing coal by over twofold in 2023. India's share of solar generation surged from 0.5 percent in 2015 to 5.8 percent in 2023. India is committed to tripling renewable capacity by 2030, but must significantly increase annual capacity additions to meet this ambitious target. The trajectory of solar energy is accelerating rapidly, shaping the future energy landscape. Aditya Lolla emphasizes the importance of increasing clean electricity for reducing carbon emissions, meeting rising electricity demand, and decoupling economic growth from emissions in an increasingly electrified economy.

The World's Largest Carbon Capture Plant Starts Operations In Iceland



Iceland has opened the world's largest carbon dioxide removal facility, "Mammoth," Climeworks' second commercial direct air capture facility that uses innovative technology to collect CO₂ for subterranean storage or reuse. Climeworks, a Swiss company, and Icelandic Carbfix are collaborating to store carbon by turning it into stone beneath the Earth's surface with geothermal energy from Iceland. Despite concerns about high costs and scalability, this unique technology is part of a rising movement towards next-generation climate solutions. The Mammoth facility, set to open in June 2022, seeks to remove 36,000 tonnes of carbon per year, which is comparable to 7,800 gas-powered vehicles. With 12 functioning containers, the cost per tonne is expected to be closer to \$1,000 than \$100. Climeworks hopes to cut costs to roughly \$100 per tonne by 2050, making the technology more practical on a bigger scale.

Honoring Rabindranath Tagore : A Celebration of Literary Genius

Class XI-C recently organized a special assembly to commemorate Rabindranath Tagore's birthday. The event celebrated Tagore's literary and cultural legacy, featuring soulful renditions of his compositions, recitations of his poems, and performances of his songs. Dr. Trilok Singh Bist, the Principal, delivered an insightful speech on Tagore's philosophical themes, highlighting his enduring influence. The assembly served as a touching tribute to Tagore's timeless contributions to literature and music.



Blue Bellians Shine In JEE Advanced

Students from the school have demonstrated outstanding performance in the JEE Advanced examination, showcasing their exceptional academic prowess. With rigorous preparation and dedicated mentorship, these students have secured their places in the prestigious examination, setting a benchmark for excellence. Their achievement highlights the school's commitment to nurturing talent and fostering culture of academic excellence. Congratulations to the aspiring engineers of Brahm Dutt Blue Bells Public School on their remarkable success!



Enriching Session On Harms Of Social Media



An engaging session was conducted by Assistant Professor Anupriya Sharma from Hindustan Times, an expert in sustainable computing and web technologies, that shed light on the potential harms of social media and electronic gadget usage. She began with interactive discussions on social media usage, eliciting student participation and enthusiasm. Then, delving into the darker side, she revealed startling facts about how our devices constantly track and record our activities, even conversations, and searches we delete. Using examples like Zomato notifications based on spoken cravings, she emphasized how our phones are always listening and tracking us, influencing what we see online through algorithms. Additionally, she highlighted the environmental impact of technology, explaining how server rooms contribute to global warming due to the immense heat generated by processing vast amounts of data. Her insightful session urged students to be mindful of their online activities and consider the broader implications for both personal well-being and the planet.

Females Who Are Resilience Personified

-> Emma Watson-

Emma Watson is one my supreme role models, despite being a superb actress, she has participated actively for causes she favors, including feminism. She has faced countless hurdles and is yet to give up. Her drive to succeed, despite having faced many challenges all throughout her life, is a perfect example of resilience.

-> Marie Curie-

Curie is a well renowned scientist who has left an indelible mark on the field. Along with her other countless achievements, she has won two Nobel Prizes along with contributing to better medical conditions during World War I. The woman faced numerous challenges, including financial difficulties and gender-bias, but continued to persevere through determination, earning respect in a male-dominated field.

-> Malala Yousafzai-

Malala is a woman who is an inspiration for each little girl that strives to create a better world. She raised her voice against the discrimination done to females in Pakistan, not letting them get an education, for which she had to face insurmountable hardships and setbacks. On October 9, 2012, Malala was shot in the head by a Taliban gunman while riding a bus home from school. Despite facing such a traumatic event, Malala did not back down. Each and every quality she embodies is a direct image of her resilience and perseverance.



Delicious Lemon Tart Recipe
-Banaj, XII-C

Ingredients:

- 1 pack of Britannia
- 4 tbsp butter
- ¾ cup sugar
- 2 tbsp lemon juice
- ½ tsp vanilla essence
- 1 tsp lemon zest
- 3 tbsp corn flour
- 1 cup of milk
- ¼ tsp turmeric
- 2 tbsp butter



Instructions:

- 1.Take your pack of Britannia 50 50 biscuits and grind it in a mixer.
- 2.Add 4 tbsp of butter to the biscuit crumbs and mix together.
- 3.Spread this mix on the bottom of your tart moulds and press into place.
- 4.Refrigerate for 30 minutes.
- 5.Meanwhile, take ¾ cup sugar and ½ tsp vanilla essence in a pan.
- 6.Add 2 tbsp lemon juice and 1 tsp lemon zest.
- 7.Add 3 tbsp corn flour and 1 cup of milk.
- 8.Cook until it thickens.
- 9.Add ¼ tsp turmeric and 2 tbsp butter, whisk to combine.
- 10.Remove from heat and pipe this mixture into your tart moulds once cool.
- 11.Refrigerate for 30 minutes and then serve cold.

Test Your Knowledge: GK
Corner

1. Padma Vibhushan is the ____civilian award of India ?
a) Highest
b) Fourth highest
c) Third highest
d) Second highest
2. In which field ‘saraswati Samman’ award is given ?
a) Music
b) Literature
c) Journalism
d) Dance
3. Which of the following is the highest civilian award of India ?
a) Padma Bhushan
b) Bharat Ratna
c) Padam Shri
d) Jnanpith Award
4. Who is the first to receive a Nobel Prize in Physics ?
a) John Henry Dunet
b)Wangari Mathayi
c) Wilhem Konrad Roentgen
d) Linus Pauling
- 5.Who is the first Indian to have won the Pulitzer Prize ?
a) Gobind Behari Lal
b) Sanghamitra Kalita
c) Jhumpa Lahiri
d) Geeta Anand

Answers

1. D)
2. B)
3. B)
4. C)
5. A)

Cyber Hygiene Corner

The Importance of a Strong Password

A strong password is essential for several reasons, it serves as the first line of defense against unauthorized access to your accounts. Should these accounts gain unauthorized access, it can lead to leaking of personal information that can be used for defamation, blackmailing, or bullying a person. By gaining access to someone's password to their bank account, hackers can withdraw a large sum of money causing financial loss. For professionals and businesses, strong passwords are essential to protect sensitive and confidential business information from cybercriminals and competitors.

How To Set A Strong Password-

- > **Length:** Aim for a minimum of 12-16 characters.
- > **Complexity:** Use a mix of different types of characters. Such as uppercase and lowercase letters, numbers, special characters, etc.
- > **Unpredictability:** Avoid using easily guessable information such as personal details.
- > **Uniqueness:** Use a different password for each of your accounts.

Unveiling NCF 2023 In Harmony With NEP 2020

The National Education Policy aims to root India's educational system to its culture, fostering a more equal and thriving knowledge society. It envisions providing high-quality education to all, propelling India to become a global knowledge superpower. The National Curriculum Framework (NCF) for K-12 Education was designed to facilitate the implementation of the National Education Policy (NEP) 2020. It will empower and enable outstanding teaching and learning in the country, by converting the vision of the NEP 2020 into reality in our schools and classrooms.

NCF is built upon the goals outlined in NEP 2020 by addressing the challenge of reducing dropout rates and ensuring universal access to education across all levels.

Its primary focus lies in equipping learners with fundamental skills such as reading, writing, and basic Mathematics, which serve as essential foundations for lifelong learning and future academic pursuits. India has witnessed significant progress in achieving widespread enrollment in primary education, thanks to initiatives like the Right to Education Act and the transformation of Sarva Shiksha Abhiyan into Samagra Shiksha.

To cater effectively to students from diverse backgrounds, including those belonging to Socio-Economically Disadvantaged Groups (SEDGs), the aim of formal education will be expanded to encompass diverse learning pathways that integrate formal and non-formal education modalities. This includes offering Open and Distance Learning (ODL) programs through institutions like the National Institute of Open Learning (NIOS).

The objective of this educational framework emphasizes cognitive growth alongside character development, nurturing individuals to become well-rounded and holistic, equipped with essential 21st-century skills. Distinct skill sets and values within various domains will be identified for seamless integration and inclusion at every educational level, spanning from early childhood education to higher education.

The curriculum will prioritize core essentials in each subject, allowing for critical thinking and holistic learning through inquiry and analysis. Practical applications and problem-solving skills will be emphasized, with experiential learning methods like hands-on activities, arts integration, and storytelling. Students will have more flexibility in subject choice, especially in secondary school, including options in physical education, arts, and vocational skills. Multilingualism will be promoted with students studying three languages based on their region and preferences.

NCF 2023 aims to connect school curricula with Teacher Education curriculums, aligning with the transformative goals of NEP 2020 for the teachers. This will lead to better teacher preparation, ongoing professional growth, and a positive work environment. Lifelong learning opportunities will be available to all citizens. Collaboration among educators, students, parents, and communities nationwide will enhance education practices with practical examples and up-to-date research. This approach will help chart a clear path toward improving education systematically, ensuring meaningful progress for everyone involved.

The National Education Policy 2020 represents the 'Philosophy', while the National Curriculum Framework serves as the 'Pathway' toward meeting the evolving needs of the 21st century and shaping a brighter future. This paradigm shift emphasizes holistic child development, skill-building, the crucial role of educators, learning in native languages, and cultural integration. By aligning with NEP 2020, India's education model is being curated, and poised to become a benchmark for other emerging economies globally.

Trilok Singh Bist ,Principal



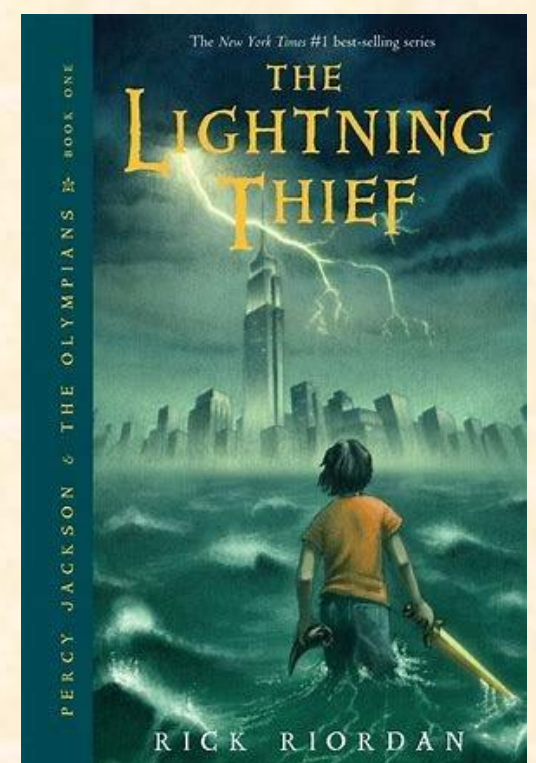
Book Review: Percy Jackson And The Lightning Thief

By-Avneet Mishra , IX-B

Percy Jackson by Rick Riordan is a series that I am sure will be considered a classic in the future. It is a must read for any bookworm that enjoys fantasy and high stakes books such as the Harry Potter series and The Chronicles Of Narnia.

The first book in the five book series, Percy Jackson And The Lightning Thief revolves around the journey of the protagonist, Percy as he discovers that he is the son of a Greek God. All throughout the book, he adjusts to the idea and fulfils his duties flawlessly while maintaining an effortlessly hilarious and sarcastic personality. He meets other children who face the same challenges as him and makes some amazing friends along the way.

The book has themes of friendship, jealousy, high stakes, and betrayal. It is filled with plot twists and unexpected moments that will leave your jaw to the floor. I, personally, loved reading this book and truly believe that it will be enjoyable for any fantasy-nerd.



SUDOKU

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New-word – Fortitude

Meaning - Strength of mind that allows someone to face difficulty with courage.

Brainstorming Riddles:

Riddle : Not a sprint, but a marathon to advance;
with me, you give every chance. What am I?

Answer : Determination

Riddle : Despite the falls, I stand up tall; with each
defeat, I'll walk, not crawl. What am I?

Answer : Perseverance

Riddle : No mountain too high, no road too
tough, faced with me, you'll prove enough. What
am I?

Answer : Challenge

Riddle : I am often chased but rarely caught, yet
chasing me is everyone's thought. What am I?

Answer : Success

By:- Sarvathmika UJ, IX-B

Tough Times never last, Tough people do. Even if the sower sleeps, the seed never sleeps. The seed is perseverant in pushing the soil apart and starting its new journey. Hardships are not permanent and those who suffer are not permanent this too shall pass with that attitude of courage and determination. Hills have ups and downs, only after which an astounding view is behold. Pleasure and pain are the buses that come and go in our lives. We have to decide on which one to travel on with a light resilient mind.

By- Sarvathmika UJ, IX-B

Intelligence with Diligence

Clock only knows how to run forward even when it's stalled.
Let's take that in our heart and be determined.

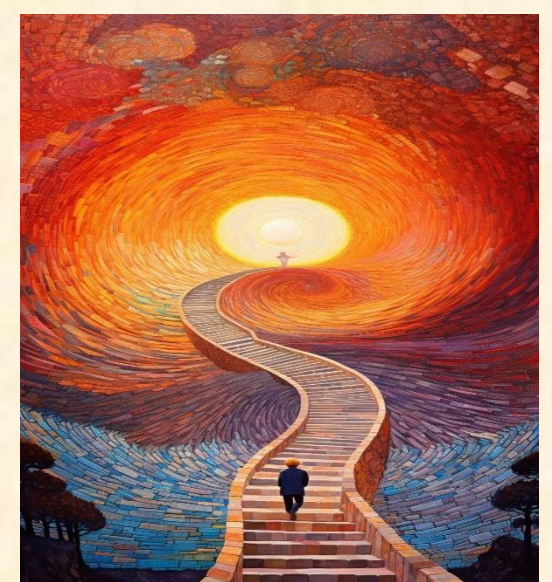
Don't worry about injuries in a world that is not permanent.
This too shall pass with an amusing attitude.

If you have skill you can overcome anything,
If you have courage you can achieve anything.

The mind that conceives on its path to an exhilarating journey will perceive it with a light heart.

By- Kalaathmika UJ, IV-A

**just because
it's hard
doesn't mean
it's impossible.
you can do it.**

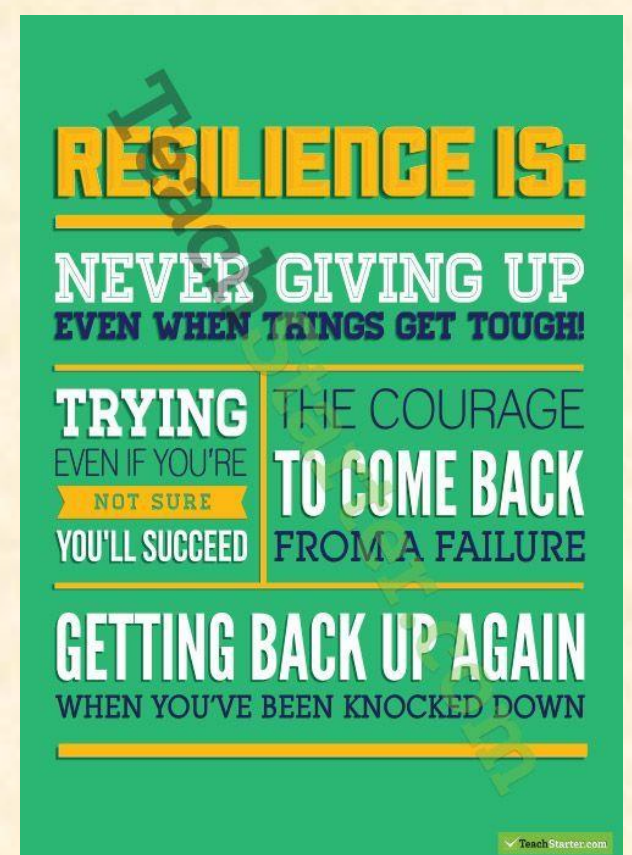
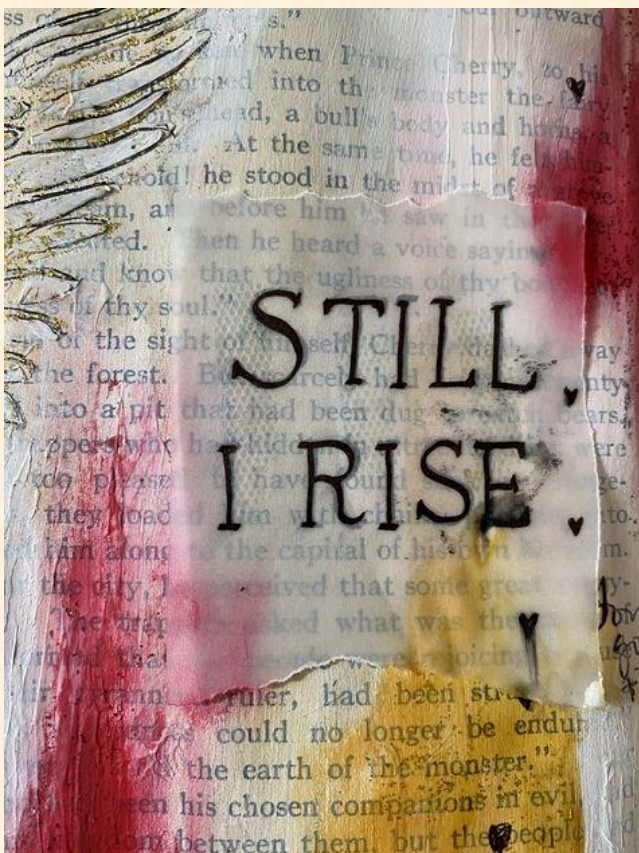


STUDENT ARTIST

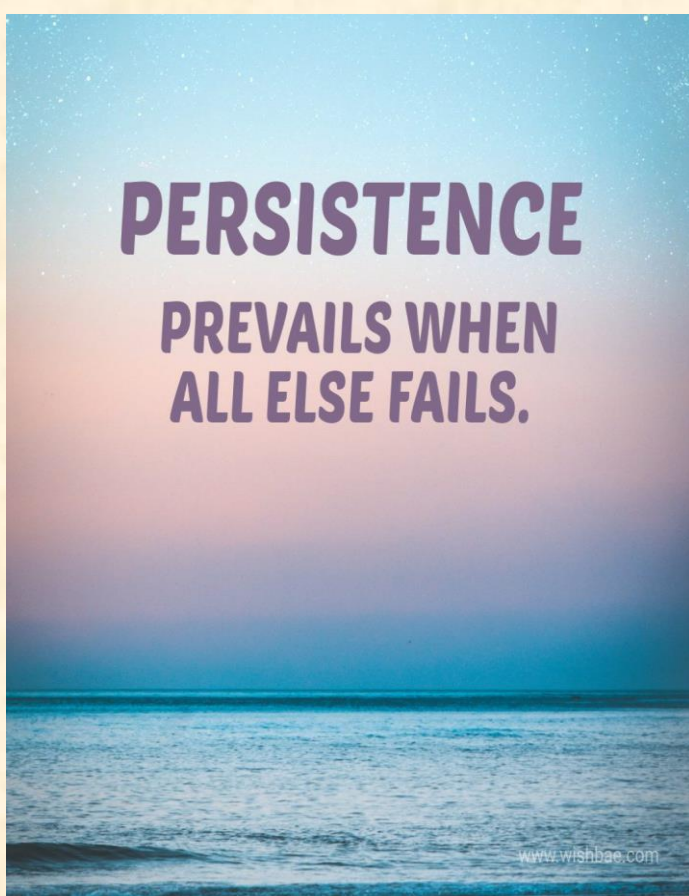
“Resilience is knowing that you are the only one that has the power and responsibility to pick up yourself” - Mary Holloway

As a student who is both a dancer as well as a musician, resilience, and perseverance are interlaced into every aspect of this journey. Balancing the demands of rigorous practice sessions, rehearsals, and academic studies requires bold commitment. When faced with mishaps, whether it is a mis note or a stumble in a routine, we face the challenges with a resilient spirit, refusing to be dissuade by temporary setbacks. Each practice session becomes a tribute to our perseverance, as we tirelessly work to perfect our craft. Through the difficulties, we draw strength from our love for dance and music, fueling our determination to push through obstacles and emerge stronger on the other side. In the end, our resilience and perseverance not only shape us as artists but also as individuals who are to face any challenge life may present.

-Prisha Bhatia (X-A)



Colouring Sheet



Olympic Champion Neeraj Chopra Gears Up for Paris Defense with Doha and Federation Cup Showdowns

Neeraj Chopra, the reigning Olympic champion in javelin throw, is set to defend his title at the Paris Olympics later this year. Before that, he'll compete in the Doha Diamond League meet on May 10, followed by the 27th National Federation Cup athletics championships in Odisha from May 12 to 15. This will mark his first domestic competition since 2021. Neeraj aims to be in peak condition for the Olympics, emphasizing fitness, strength, and technique. He downplays the importance of reaching the 90-meter mark, prioritizing consistency and performance on the day of competition. Reflecting on his achievements, including medals in World Championships and a personal best throw, Neeraj is confident and focused on maintaining momentum for upcoming events.



The Team that Made the BDBB Bulletin Happen!

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Jyothika Sri Dandi Qualifies For Paris Olympics Despite Setbacks

Jyothika Sri Dandi secures Paris Olympics qualification after a stellar performance in World Relays. Despite a brief conversation with her father due to poor wifi, his words fuelled her determination. Trained by her father initially, she later sought guidance from coach N Ramesh, whose focus on strength and endurance elevated her skills. Her father's unwavering support and dedication stood out, with coach Ramesh acknowledging his pivotal role. Notably, badminton coach Pullela Gopichand, through his foundation, also supported her journey. Despite setbacks like a knee injury, Jyothika's resilience and ambition never waned, ultimately leading her back to top form and Olympic qualification.



Sharath Kamal and Manika Batra to lead Table tennis teams in Olympics debut

Veteran Sharath Kamal and world no. 24 Manika Batra will lead the Indian men's and women's squads respectively at the Paris Games, where the country will make its Olympic debut in team events. The senior selection committee of the Table Tennis Federation of India on Thursday picked a six-member squad (three in each section) as per the Olympics norms, besides naming the individuals who would compete in the singles events.

Sharath, Harmeet Desai, and Manav Thakkar will form the three-member men's team, while Manika, Sreeja Akula and Archana Kamath will be squad members in the women's category.

See You in the Next Issue!