



# BIRLA PUBLIC SCHOOL GANGANAGAR

## (A Unit of Birla Education Trust Pilani)

(A step ahead.....)

CBSE Affiliation No. 1730974

### Vedic MATHEMATICS

*"Unlocking divisions with the wisdom of 'Urdhva Tiryagbhyam' – where vertical and horizontal meet, numbers unite in harmony."*

#### Vedic Maths Club Event Report: URDHVA TRIBHAGYAM

**Date:** August 23, 2023

**Total no. of Students:** 12

**No. of Participants:** 12

**Objective:** The primary objective of the event "URDHVA TRIBHAGYAM" organized by the Vedic Maths Club was to promote the understanding and application of Vedic mathematics techniques among students and enthusiasts. The event aimed to introduce participants to the concept of "Urdhva Tiryagbhyam," a fundamental sutra (formula) from Vedic mathematics that facilitates rapid mental calculations for division.

**Methodology:** The event was structured to engage participants in an interactive and informative manner. The methodology included the following key components:

- A) **Introduction to Urdhva Tiryagbhyam:** The event began with a comprehensive introduction to the Urdhva Tiryagbhyam sutra, explaining its significance in simplifying division calculations. Participants were introduced to the principles and philosophy behind Vedic mathematics.
- B) **Demonstration and Practice:** Experienced Vedic maths practitioners conducted live demonstrations of the Urdhva Tiryagbhyam technique. They showcased how this sutra could be applied to perform complex division problems mentally and swiftly. Participants were encouraged to practice the technique through guided exercises.
- C) **Interactive Sessions:** The event featured interactive sessions where participants could ask questions, clarify doubts, and engage in discussions about the application of Vedic mathematics in various real-life scenarios.
- D) **Problem-Solving Competition:** To encourage active participation and to assess the understanding of participants, a problem-solving competition was organized. Participants were presented with a series of division problems, and they were required to apply the Urdhva Tiryagbhyam technique to solve them accurately within a limited time.

**Brief Note on the Event:** "URDHVA TRIBHAGYAM" provided a platform for attendees to delve into the realm of Vedic mathematics, specifically focusing on the Urdhva Tiryagbhyam sutra. The event aimed to simplify the often intimidating process of division by introducing participants to a technique that not only enhances mental math skills but also fosters a deeper appreciation for the mathematical heritage of ancient India.

**Outcome of the Activity:** The event "URDHVA TRIBHAGYAM" yielded several positive outcomes:

- Enhanced Skills
- Increased Awareness
- Engagement and Interaction
- Confidence Boost
- Community Building



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In **conclusion**, the "URDHVA TRIBHAGYAM" event organized by the Vedic Maths Club successfully achieved its objectives of promoting Vedic mathematics, introducing the Urdhva Tiryagbhyam technique, and facilitating meaningful interactions among participants. The event's impact resonated not only with improved mathematical skills but also with a deeper connection to the historical and cultural roots of mathematical practices.

**Evidence of Photographs with no. : 02**







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**Teacher Name & Signature with Date:**

**Mr. Vinod Kumar**

**23 August, 2023**



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## Enclosure:

Poster and Circular of the event shared with parents/students and on different social media platforms.



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CBSE AFFILIATION NO. 1730974

A WORLD CLASS AIR-CONDITIONED ENGLISH MEDIUM CO-EDUCATIONAL CBSE SENIOR SECONDARY DAY SCHOOL, DAY BOARDING AND BOARDING SCHOOL

  

### Advantages of Vedic Maths

*Urdhva Tribhagyan Mathematics Event*  
**Date: 23 August, 2023**



Speed  
Easy to Learn  
Self Confidence  
Time Saving  
Develop Mental Maths  
Logical  
Accuracy



CONTACT AT: 0154-2467000, +91-9116138852, E-MAIL: CONTACTUS@BPSG.EDU.IN  
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# ESTD. 2019





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SENIOR SECONDARY DAY SCHOOL, DAY BOARDING AND BOARDING SCHOOL  
SESSION 2023-24

### Vedic Maths Club Urdhva TriBhagyan

Dear Students,

Are you ready to embark on a journey through time and numbers? Join us in the mesmerizing world of Vedic Mathematics as we delve into the fascinating concept of Urdhva TriBhagyan - a technique that will revolutionize the way you perceive math!

Urdhva TriBhagyan, meaning "Vertically and Crosswise," is a remarkable Vedic Mathematics method that simplifies complex calculations and enhances mental agility. It empowers you to swiftly perform multiplications and square roots of numbers, leaving traditional methods in the dust!

Keeping the importance of Vedic Maths in our life into consideration *BPSG is going to organise a Mathematics Event – URDHVA TRIBHAGYAM on 23 August, 2023.*

**Venue:** Maths Lab

#### **Objective:**

- Instill love and remove the fear for Mathematics.
- To promote Indian Mathematics.
- To enhance computation skills in students.
- Improve clarity on mathematical concepts.
- Develop analytical thinking through Vedic Mathematics.

#### **Rubrics for Assessment:** Students will be assessed on the following parameters:

- Logical and Mental Reasoning.
- Concept Clarity.
- Speed.
- Accuracy
- Time Management.

#### **Note:**

- Students need to represent a trick on any of the above topic with innovative ideas
- They need to represent it after discussing its procedure and importance.
- Participation is compulsory for all.

*With Best Regards*  
**BPSG**