

**Sant Hirdaram Girls College, Bhopal**  
**Department of Mathematics**  
**Certificate Course on Vedic Mathematics**  
**Session: 2025 - 2026**

### Course Objectives

1. Introduce learners to the origin and core principal of Vedic Mathematics
2. Build a strong foundation in numerical skills.
3. Help learners discover simple and effective techniques for fast arithmetic calculations.
4. Encourage the practical use of Vedic Math tricks in daily life, ensuring accuracy with speed.
5. Overcome the fear of Mathematics and develop interest through easy, fun-filled methods.

### Duration

**23<sup>rd</sup> September to 27<sup>th</sup> September 2025**

### Course Content

S. No.	Content	Duration
1.	Introduction & Base Method (Ekadhikena Purvena Method)	<b>3 hours /day = 15 hrs</b>
2.	Nikhilam Navashcaramam Dashatah, Urdhva- Triyagbhyam	
3.	Paraavartya Yojayet , Shunyam Saamyasamuccaye	
4.	Aanyarupye Sunyamanyat, Sankalana Vyavakalanabhyam	
5.	Revision and Final Assessment	

### Course Outcomes

1. Learners will gain a clear understanding of the core principles of Vedic Mathematics and recognize how these techniques simplify and accelerate numerical calculations.
2. To perform addition, subtraction, multiplication, division, squaring, and square root operations with remarkable speed and accuracy within seconds."
3. Solve algebraic equations mentally and enhance logical reasoning.
4. Calculate 10–15 times faster than before with improved accuracy. Strengthen both creative (right) and analytical (left) brain functions, boosting visualization and concentration.
5. Approach competitive exam aptitude tests with confidence and speed.



**Sant Hirdaram Girls College, Bhopal**

**Department of Mathematics**

**Organizes**

***Certificate Course on "Vedic Mathematics"***

**Date: 23/09/2025 to 27/09/2025**



**Inaugural Session**

**Dr. Sandeep Kumar Malhotra**

**(Expert)**

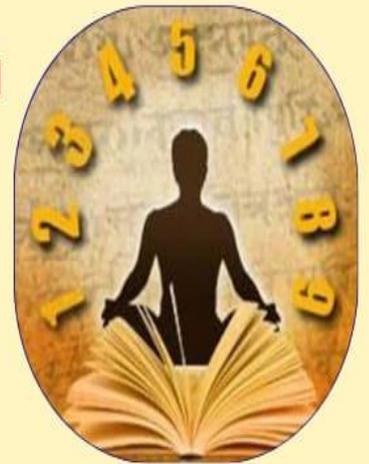
Professor, Department of Mathematics  
Govt. Dr. Shyama Prasad Mukharjee College, Bhopal

**Coordinator : Dr. Varsha Mandwariya**

**Head, Dept. of Mathematics**

**Co-Coordinator : Ms. Sonam Jain**

**Assistant Professor, Mathematics**



**Time: 1:00 PM**

**Venue: C-20 Seminar Hall**

