



Department of Mathematics

## Swami Shraddhanand College

(University of Delhi) Alipur, Delhi – 110036

In Collaboration with

## Shiksha Sanskriti Utthan Nyas

Is Organizing

Five Days Online Workshop

On

# Vedic Mathematics

Under

**Azadi ka Amrit Mahotsav**

**Date: 06.01.2022 – 11.01.2022**

**Time: 03:00 P.M – 06.00 P.M**

**Prof. Parveen Garg**

Principal  
SSN College

**Sh. Anil Thakur**

Course Coordinator  
S.S.U.N.

**Dr. Sandeep Upadhyaya**

Convener  
S.S.U.N. (Delhi Prant)

**Prof. Vineeta Kumari**

Convener  
S.S.U.N. (College Unit)

**Ms. Neha Ahuja**

Course Convener  
SSN College

**Ms. Rajinder Kaur**

Teacher In Charge  
Dept. of Mathematics

# Swami Shraddhanand College, Alipur Delhi



**Prof. Parveen Garg  
Principal, SSNC**

## About the Institution

Swami Shraddhanand College is one of the premier institutions of higher education in the University of Delhi, located in the rural suburbs of the city. From the humble beginning in the Gandhi Ashram building in Narela, the College has completed 54 years of its existence. It is equipped with qualified teaching staff, specialized laboratories, computerized library facilities and extensive playgrounds. The College has been re-affirming its commitment to provide quality education to the student community.

# About Shiksha Sanskriti Utthan Nyas

## Shri Atul Kothari

### National Secretary

Shiksha Sanskriti Utthan Nyas

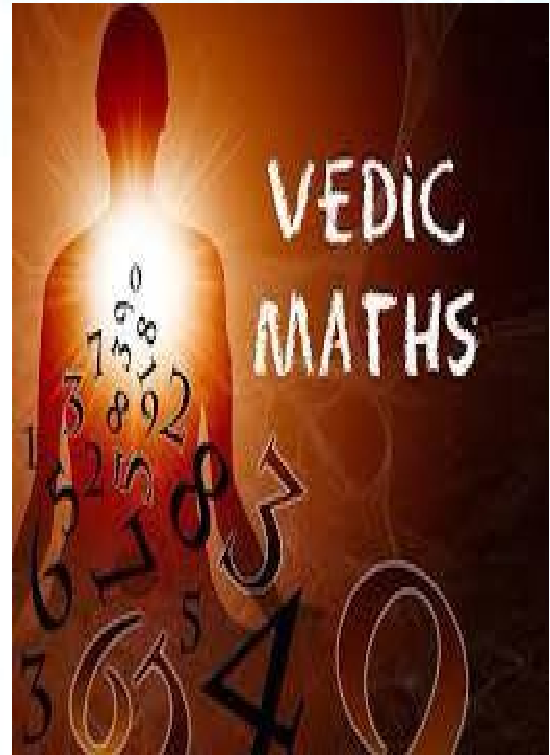


Shiksha Sanskriti Utthan Nyas is a trust working in the field of education and culture in India. It was established on 18 May 2007 by Sh. Dinanath Batra who is a prominent educationist and former Director of Vidya Bharati. This trust works in close collaboration with its partner organizations such as the Shiksha Bachao Andolan Samiti. The stated goal of this trust is to establish an alternative system to the existing education system. To achieve this goal, this institution considers it necessary to change the curriculum, system, method and policy of education and 'Indianisation' of education.

# About The Workshop

**Vedic Mathematics** is a system of mathematics which was discovered by Indian Mathematician **Jagadguru Shri Bharathi Krishna Tirthaji**. Veda is a sanskrit word which means 'knowledge'.

Using Regular Mathematical steps, solving problems sometimes are complex and time consuming. But using vedic mathematics general techniques (applicable to all sets of given data) and specific techniques (applicable to specific sets of given data), numerical calculations can be done very fast.



In this workshop, the experts of Vedic Mathematics will teach its concepts and applications in arithmetic, algebra and geometry. The main objective of the course is to understand & comprehend the basic ideas, principles, methods & algorithms using some sutras of **Vedic Ganit** (mathematics and computation) as well as to understand some glorious facts from history of Bharatiya Ganit.

This five days workshop is designed to help you overcome your fear of maths. Calculating using vedic mathematics is much more faster than the normal mathematics. In fact vedic maths is considered as the fastest way in the world to do mathematics. Besides that it also makes the person confident and interested in the subject. It helps sharpen your mind. **Vedic Mathematics** cultivates an interest for numbers and eliminates the phobia of math present in most of the students.

# Objectives and Vision



## Vision

Our Vision is to promote Vedic Mathematics world wide and educate the students about it.

Our Mission is to make each and every student in the world, independent and confident to calculate maths without calculator and other tools.

## Objectives

More than 1700% times faster than normal Maths: this makes it the World's Fastest.

- Eradicates fear of Maths completely. So If you have Maths-Phobia, high speed Vedic Maths is a fun-filled, interesting way to do Maths.
- Much Improved Academic Performance and Instant Results.
- Sharpens your mind, increases mental ability and intelligence.
- Increases your speed and accuracy.
- Become a Mental Calculator yourself.
- Improves memory and boosts self confidence.
- Cultivates an Interest for numbers.
- Develops the left and right sides of your brain hence, improves intuition and innovation. It has been noted that Geniuses have been using the right side of the brain to achieve exceptional results.
- Easy to master and apply. You just need the knowledge of tables to learn this.

# Registration Details

Participants are requested to follow the steps mentioned below in order to register for the workshop:

- Participants are required to pay the registration fee of **Rs. 100** via NEFT/IMPS/UPI to the following account:
- Account: SSN College, Student Society Account
- Bank: Indian Bank
- Type of Account: Saving
- Account number: 20408230091
- IFSC: IDIB000S806

***NOTE: Fee is Non-Refundable***

- Pre-registration to the programme is through online mode only.
- Participants are required to fill the registration form using the following link: [Registration Form](#) .

(Please ensure that you have payment proof before filling up the registration form)

- Please ensure to join the whatsapp group after successful registration for the workshop.
- The last date for registration is 4th January, 2022.
- All Participants will get the e-certificates.
- Further details will be communicated to the registered participants.
- For further queries, Please send an email at the following email id: **mathssn2021@gmail.com**
- **ELIGIBILITY:** All faculty members, Research Scholars and Students are eligible to participate.

# Schedule

Day	Date	Inaugural Session 03:00 pm - 4:15 pm	Lecture Session 04:30pm – 06:00 pm
1	06.01.2022 Thursday	Inaugural Session	Introduction of Vedic Ganit / Swami Bhartikrishna Tirth Ji Multiplication By Ekadhikena Purvena, Eknunena Purvena, Nikhilam, Vertically and Crosswise.
		<b>Session 1</b>	<b>Session 2</b>
2	07.01.2022 Friday	Division of Arithmetic and Algebra by Nikhilam, Paravartya, Vertically and Crosswise.	Factors, Multiple Arithmetic /Algebra Factorisation of Quadratic, Cubic and Bi-quadratic Polynomials.
3	08.01.2022 Saturday	HCF and LCM of Arithmetic and Algebra.	Divisibility and Divisibility by Simple Osculator Denominator Ending with 1, 3, 7 and 9.
4	10.01.2022 Monday	Solution of Simple and Quadratic Equations.	Number System with Random Radix / Decimal /Binary / Octa Decimal etc.
5	11.01.2022 Tuesday	Baudhyan Number and its Application.	Valedictory Session

# Resource Persons

**Shri Anil Kumar Thakur**  
Coordinator, Vedic Ganit  
S.S.U.N. (Delhi Prant)



**Dr. ShriRam Chauthai Vaale**  
National Coordinator, Vedic Ganit  
S.S.U.N.

**Dr. Kailash Vishwakarma**  
Head ,Department of Physics  
BNPG College, Hamirpur, U.P.



# Resource Persons

**Shri Rakesh Bhatia**  
**National Co-coordinator of Vedic Ganit**  
**S.S.U.N.**



**Dr. Anuradha Gupta**  
**Department of Mathematics**  
**DCAC, University of Delhi**

**Dr. Komal Asrani**  
**Department of Computer Science and**  
**Engineering, Lucknow**



# Organizing Team

## Department of Mathematics

Ms. Rajinder Kaur (TIC)

Dr Ravi Srivastava

Dr. Seema Bansal

Ms. Neha Ahuja (Convener)

Ms. Swati (Co -Convener)

Dr. Deepika

Dr. Ambika Tyagi

Dr. Ritu Jindal

## Shiksha Sanskriti Utthan Nyas

Prof. Vineeta Kumari  
(Convener)

Dr. L.R. Paliwal

Dr. Rekha Gupta

Dr. Lakshna Mahajan

Dr. Neetu Sharma

Dr. Chetna Sharma

## Technical Support

Dr. Meera Sharma

Dr. Shveta Kundra Bhatia

Dr. Ranjan Kumar

Dr. Saraswati Kanodia

Ms. Ruchika Gulati

Ms. Akanksha

Dr. Bipin Aggarwal

Dr. Parvinder Kaur

Dr. Aradhana Chadha

Ms. Nidhi Phatela