



IDEAS FOR THE VISION
VIKSIT BHARAT@2047



SRI AUROBINDO COLLEGE

University of Delhi

Shivalik, Malviya Nagar, New Delhi-110017.
Landmark : Malviya Nagar Metro Station

DEPARTMENT OF MATHEMATICS

Organises

ONE DAY WORKSHOP *on*

EDIC **MATHEMATICS**

MATHS FOR ALL —————

DATE : April 8, 2024

Venue

**Seminar Hall,
Sri Aurobindo College**

TIME :- 09:00 am

Register Link: <https://forms.gle/BQjkuZTkr4vLBUE77>

For queries reach us at: ticmathematics@aurobindo.du.ac.in
Mr. Sanyam Gupta: 9873150784



Scan for registration

ABOUT THE COLLEGE



Sri Aurobindo College was established in 1972, the birth centenary of the philosopher, yogi, patriot - poet and Indian nationalist Sri Aurobindo, as a constituent college of the University of Delhi. The college inculcates the ideals of Sri Aurobindo and believes that an active commitment towards excellence is fundamental to the process of education. The college is committed towards building a student - centered environment and is dedicated to education covering a broad spectrum.

ABOUT THE COURSE

Vedic Mathematics traces its roots to the ancient Indian scriptures known as the 'Vedas', dating back thousands of years. This system of mathematics is rediscovered by an Indian mathematician, **Jagadguru Shri Bharathi Krishna Tirthaji** during 1911 and 1918 A.D. He printed his findings in a Vedic Mathematics book – Tirthaji Maharaj. Vedic mathematics is also called mental mathematics in the mathematical world. We can say that the brain's capacity and its speed of calculations increases fivefold with the practice of Vedic mathematics. It is a collection of Methods or Sutras to solve numerical computations quickly and faster. It consists of 16 Sutras called formulae and 13 Sub-Sutras called sub formulae, which can be applied to the solving of problems in **arithmetic, algebra, geometry, calculus, conics etc.** The application of Vedic mathematics in the simplification of numerical problems is many times faster than the modern methods of calculations. Sometimes, this way of simplifying numerical calculations does not require paper and pen also. Thus, learning Vedic mathematics saves time and improves the interest in learning more applications of maths. Vedic mathematics has many tricks to perform **different mathematical operations such as addition, subtraction, multiplication, division, squares, square roots, cubes etc.** In this workshop, we will cover all such Vedic mathematics computation methods and tricks, which will shorten calculation time and stimulate the interest of participants to discover more.

IMPORTANT DATES

Last Date of Registration: - **April 5, 2024**

STEPS OF REGISTRATION

▶ Pay the registration fee 150/- on the given detail

Beneficiary Name: SAC COLLEGE DAY BOYSFUND

IFSC code: CNRB0008462

Account Number: 8462101000020

▶ Take the screenshot of payment or save the payment receipt.

▶ Open the registration form and fill this using the link: <https://forms.gle/BQjkuZTkr4vLBUE77>

▶ After successful registration, participants will receive a confirmation mail.

TOPICS TO BE COVERED

- ✓ Contribution of Indian Mathematicians.
- ✓ High Speed Mathematical Operations.
- ✓ Lightening Squares and Rapid Cubes.
- ✓ Enlighten Algebra and Geometry.
- ✓ Vedic Geometry.

PATRON

Prof. Vipin Kumar Aggarwal

Principal, Sri Aurobindo College

CONVENOR

Prof. Rajiv Aggarwal

TIC , Department of Mathematics

CO-CONVENOR

Dr. Rajesh Kumar

Assistant Professor

Department of Mathematics

CO-CONVENOR

Mr. Sanyam Gupta

Assistant Professor

Department of Mathematics

ORGANISING MEMBERS

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Assistant Professor

Department of Mathematics

Dr. Mamta Jain

Assistant Professor

Department of Mathematics

Dr. Monu Kumar

Assistant Professor

Department of Mathematics

Dr. Mahesh Singh

Assistant Professor

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