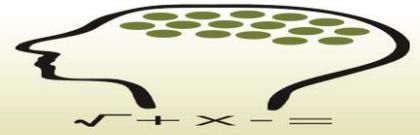




# Department of Mathematics DAV PG College, Dehradun

## Add-On Certificate Course in

## Vedic Mathematics



**About the course:** This certificate course is a numerical skill development course and is designed to acquaint the students with the ancient Indian system of mathematics i.e. Vedic Mathematics. Vedic Mathematics is a system of learning maths for faster calculations with time-saving methods called Sutras to get answers quickly which develops the mental ability of the learners.

**Objective:** In this course, we have included Fastest Mental Math Techniques based on 16 Sutras (Formulae) and 13 sub-sutras (Sub Formulae) which:

- \* Improves Speed of Maths Calculation.
- \* Remove the fear for Mathematics.
- \* To enhance computation skills in students.
- \* Sharpens of students Brain
- \* To promote Indian Mathematics.
- **After the successful completion of the course, the student will be able to crack entrance and competitive exams like Bank PO/ Clerical/ Specialist Officers, CAT, UPSC, SSC etc by using Vedic Mathematics shortcuts.**

**Eligibility:** Any regular student of DAVPG College Dehradun

**Seats :** 30

**Duration :** 30 Hours

**Mode of Classes:** Offline (class room teaching)

**Pattern of exam / Schedule:** MCQ / after completion of syllabus.

**Fee :** Rs. 500

**Attendance :** Minimum 75%

### Important dates/Link for online registration

- Registrations are open for all regular students of DAV PG College, Dehradun
- Link for online registration: <https://davpgcollege.in>
- Registration form are also available at concerned department in offline mode.
- Contact No.-9456544490,

**Course Content:** Vedic Maths Syllabus is divided into three Units:

**Module/ Unit I: Vedic Arithmetic and Applications:** The course provides an in-depth study of all the sutras and sub sutras and its application in Arithmetic which includes operation of Addition, Subtraction, Multiplication, Division, Square, Square roots, Cube, Cube roots, HCF, LCM, Conversion of Vulgar Fraction into decimals, Measurement and profit and loss in a very short time

**Module/ Unit II: Vedic Algebra:** Vedic Algebra includes algebra of polynomials, roots of linear equation, quadratic equations, cubic polynomials, second degree homogeneous equation

**Module/ Unit III: Vedic Geometry:** Vedic Geometry includes the application of Triples in finding length of a perpendicular etc.

### Coordinator

Deependra Nigam

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