



**G-TEC EDUCATION**

— G-TEC Group of Institutions —

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# VEDIC MATHS - ADVANCED

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**TOTAL DURATION: 1 MONTH**

### OBJECTIVE

Vedic Maths is an ancient Indian way of dealing with numbers the natural way in lightning speed. The course strides through basics on numbering concept, 16 sutras and sub sutras to make your mathematical calculations an interesting experience. The course would equip students to do complex calculations in mind using simple methods and thus making the course a right fit for all students.

### STUDENTS' PREREQUISITE

- ✓ Basic computer knowledge

### COURSE OUTLINE

- ✓ Vedic Maths techniques for solving arithmetic operations

## MODULE IN DETAIL

### VEDIC MATHS ADVANCED

- ✓ Introduction to Vedic Maths
  - Vedic Maths techniques
- ✓ Addition by Vedic Maths
  - The sum of last digit being 10 & first digit being same
  - Rapid decimal addition
- ✓ Subtraction by Vedic Maths
  - Rapid decimal subtraction
- ✓ Multiplication by Vedic Maths
  - Multiplication by 5 (even & odd numbers)
  - Below 20 multiplication
  - Multiplications: 99,999,9999.99999
  - 10 to 100 common multiplication
  - 37 Multiplication
  - Squaring of number starting with 5 and ending with 5
  - Squares of 1 to 99
  - Multiplication of numbers with power of 5, 25, 125
  - Multiplication by 101
  - Squares of 100 to 1000
  - Multiplication by 12 to 19
- ✓ Division by Vedic Maths
  - Division by 9
  - Rapid division
  - Special method division for 5, 25, 125
- ✓ Complement calculation
- ✓ Integers
- ✓ Activities