



**MTM COLLEGE OF ARTS, SCIENCE AND COMMERCE,VELIYANCODE**

**Affiliated to University of Calicut**

**DEPARTMENT OF COMPUTER SCIENCE**

**SYLLABUS**

**VEDIC MATHEMATICS**

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Number of Contact Hours: 30hrs

Course Evaluation: Internal – 20 Marks + External Exam – 60 Marks

**Objectives**

- Foster a deep understanding of mathematical concepts and their practical applications.
- Develop the ability to approach mathematical problems with confidence and creativity.
- Cultivate a mindset for efficient and meditative mathematical thinking.

**Outcome**

- To learn the basics of Mathematics.
- To learn easy and quick ways to solve problems.

**Module 1**

**10 hours**

High Speed Multiplication, Faster Division, Algebra: Linear, Simultaneous, Quadratic and Miscellaneous Equations, Accelerated Addition, Instant Subtractions

**Module 2**

**10 hours**

Squares, Cubes, Square Roots, Cube Roots, Digital Roots, Math Meditation - Doing Math Calculations without Pens and Paper!

**Module 3**

**10 hours**

Divisibility, Calendars, Pythagoras Theorem, Recurring Decimals, Determinants, Triples  
Coordinate geometry, Calculus

**References:**

1. [S. G. Dani](#) (December 2006). "[Myths and reality : On 'Vedic mathematics'](#)".
2. Shukla, K.S. (2019). "[Vedic Mathematics: The deceptive title of Swamiji's book](#)". In Kolachana, Aditya