

DEPARTMENT OF MATHEMATICS

COURSE TITLE: FOUNDATION COURSE IN VEDIC MATHEMATICS

COURSE CODE: MACVDM

NO. OF HOURS: 30

Learning Objectives:
























- Vedic Mathematics is a system of mathematics that originated in ancient India, and it's based on the ancient texts known as the Vedas. This system offers a unique and alternative approach to solving mathematical problems, emphasizing mental calculations, simplicity, and speed. It covers various mathematical operations, including addition, subtraction, multiplication, division, square roots, cube roots, and more.
- The target audience for this course include students, teachers, and anyone interested in improving their mathematical skills.
- Vedic Mathematics Course provide a unique opportunity for individuals to explore an ancient mathematical system, develop mental math skills, and gain a deeper appreciation for the rich mathematical heritage of India.

Learning Outcomes:

After successful completion of this course, students will have the knowledge and skills to

- 1000% faster than normal maths
- Become a Human Calculator
- Increase speed and accuracy
- Increase memory, concentration and confidence
- Improve academic performance and instant results
- Save precious time in examination
- Develop Left and Right brains
- A powerful answer checking tool

MODULES

-  Introduction of Vedic Mathematics
-  Base & Complements
-  Instant/Mental Subtraction
-  General Subtractions
-  Magic with 11
-  Multiplication by 11 – 19
-  General/Random Multiplication
-  Multiplication with 99999 in less than 04 seconds (Type 1, 2 & 3)
-  Multiplication of any number by 111
-  Multiplication of Numbers near Bases (Type 1, 2 & 3)
-  General Squares/ Finding Squares in One Line
-  Interesting Mental Squares 11 - 20; 50 -60; 40 - 50; 60 -70
-  Magical Calendar and its concept
-  Faster Addition, Mental Addition
-  Cubing below and above the base
-  General Cubes (2 bases)
-  Square roots at a glance
-  Tables upto 100
-  Magic Divisions
-  Digital Root
-  Cube Root
-  100 years calendar
-  200 years calendar