



KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

ERODE – 638 107

DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSE – SYLLABUS

21VMAVM – VEDIC MATHEMATICS

Course Objective: Vedic Mathematics enables the students to do calculations in Arithmetic and Algebra to simplify and speed up calculations.

UNIT I	Introduction and Basic Level of Multiplication	8 Hours
Introduction – Miscellaneous Simple Method – Criss – Cross system of Multiplication.		
UNIT II	Cube Roots and Square Roots	8 Hours
Squaring Numbers – Cube Roots of Perfect cubes – Square Roots of Perfect Squares.		
UNIT III	Squaring and Multiplication	8 Hours
Base Method for Multiplication – Base Method for squaring – Digit Sum method.		
UNIT IV	Techniques to Magic Squares and Calendars	8 Hours
Magic Squares – Dates and Calendars.		
UNIT V	Solving Equations	8 Hours
General Equations – Simultaneous Linear Equations.		
Total Hours		40 Hours


Reference Books

1. Dhaval Bathia, “Vedic Mathematics Made Easy”, Published by Jaico Publishing House, Mumbai –Reprint 2012.

Course Outcome: On Completion of this course the students will be able to

- Vedic Mathematics excels and encourages to practice mental calculations in solving more challenging problems.
- Sharpens the mind, increases mental ability and intelligence.
- Solve numerical computations quickly and faster.




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