

CSR Project Proposals

- **Project 1:** Woman Empowerment Project
- **Project 2:** Training on Vedic Speed Mathematics, Robotics and 3D Printing to Students and Teachers
- **Project 3:** Providing FREE Desktops and Laptops to Rural Schools/Colleges

Project 1: Woman Empowerment Project

In this project we provide online & offline training to all interested woman candidates on 'Vedic Speed Mathematics'. We will focus on Home Makers, Unemployed and Career Break (due to various reasons) Candidates. After completion of this training, they can start their own 'Mathematical Academy' at their homes or they can join as 'Vedic Mathematics' teacher in any nearby Schools or Institutions.

Project 2: Training on Vedic Speed Mathematics, Robotics and 3D Printing to Students and Teachers

- **Project Title:** Training on Vedic Speed Mathematics, Robotics and 3D Printing.
- **For Whom:** Teachers and School Students (5th Grade to 9th Grade Students & Teachers)
- **Duration:** 4 months per batch
- **Frequency:** Two hours per week for four months.
- **Total Hours:** 32 (22-Vedic Mathematics; 6-Robotics; 4-3D Printing)
- **Mode:** Offline (Class Room Teaching)
- **Bonus:** Free Vedic Maths Books and Video Course to all students and teachers. 2 FREE bots per batch.
- **About Vedic Speed Mathematics:** Vedic Speed Mathematics is Ancient India's Amazingly Compact and Powerful System of Calculation. It is World's Fastest Mental Calculation System. Mathematics is very easy and interesting with "Vedic Speed Mathematics". Students just love it. More Info: www.chaitanyapatil.in/vm
- **Why Vedic Speed Mathematics:** India has 1/6th of the world's population and 1/3rd of the world's poor. The socio-economic composition of children who drop out of school in India suggests that education deprivation occurs most among urban poor, rural and tribal children. The main reason students drop out of school is because of **English and Maths Phobia**. This contributes to factors that perpetuate the cycle of poverty, such as child labour, low wages, and job insecurity. In India, Government schools provide "free" education but surveys have shown that 'quality' of education is a big question mark.

Vedic Speed Mathematics is World's Fastest Mental Calculation System and having following **features**:

- It is Very Simple, Efficient, Fast, Coherent, Flexible, Original & Straight Forward.
- It is Amazingly Compact and Powerful System of Calculation.
- It Leads to Improvement in Mental Ability, Sharpness, Creativity & Intelligence.
- Problems are reduced to One Line Answers.

- It can be Learnt and Mastered with Ease and in little Time.
- Covers from Basic Numeracy Skills to Advanced Math Topics.
- Faster Calculations and High Accuracy level when compared to the Conventional Methods.
- Increased Concentration and Confidence.
- Vedic Mathematics System also provides a set of Independent Cross Checking Methods.
- **It Helps in Achieving Academic Success.**

Benefits of Learning Vedic Speed Mathematics

- Solve Complex Problems in few Seconds
 - Become Human Bio-Calculator and Mathe-Magician
 - Come out of Maths Phobia
- **Why Robotics and 3D Printing:** Encourage Creative and out of box Thinking, Promote Active Learning, Engagement, Programming Skills, Team Work, Fun, Hands-on on next decade Technologies, Developing Skills, Prepare them for the Future, Solving Real World Problems, Teaching Students how to turn Frustration into Innovation etc.
- **About Teacher:** This is Mr. Chaitanya Patil from Pune. I am author of “Vedic Speed Mathematics” series Books and Video Course. My Highest Qualification is M.Tech in Computer Science and Engineering. I am having total of 7 years of Experience. I worked as an Assistant Professor and Training-Placement coordinator in the Computer Engineering Department of MIT-AOE Alandi Devachi, Pune. From the last two and half years, I am working as Free Lancer (IT Projects, Writing Books, Conducting Python Programming, Data Science & Vedic Mathematics Classes). I am also working for my social Initiative called “Transforming India and Mission World Peace” (www.MissionWorldPeace.com)

Project 3: Providing Desktops/Laptops to Rural Schools/Colleges

We purchase used Desktops and Laptops from IT organizations as per the market price. We give 20% of them to Rural Schools at completely FREE of Cost (no any hidden cost involved). We sell remaining items in open market to recover invested amount.

Point of Contact:

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Appendix-A (Vedic Speed Mathematics Syllabus)

Note: Syllabus varies from Student to Student as per Age and Grade.

Level-1

1. Introduction to Vedic Speed Mathematics
2. Multiplication
3. Division
4. Addition
5. Subtraction

Level-2

5. Squares
6. Square Roots
7. Cubes
8. Cube Roots
9. Digit Sums
10. Divisibility
11. Decimals, Fractions and Percentages

Level-3

12. Polynomials
13. Factorization
14. HCF
15. Simple Equations
16. Quadratic Equations
17. Cubic Equations
18. Biquadratic Equations
19. Simultaneous Equations
20. Miscellaneous Topics

Appendix-B (Robotics Syllabus)

1. What do you mean by Robot? (Classification of Robots; Components of Robots; Applications of Robots; Industrial Robots etc.)
2. Introduction to Sensors (Classification of Sensors; Working Principle and Applications of Sensors)
3. Drives, Actuators & their Controllers
4. Programming and Building a Robot (Controller, Coding, Arduino)

Appendix-C (3D Printing Syllabus)

1. Introduction to 3D Printers (Software, Hardware, and Printing Basics)
2. Orientation Phase: Students learn how to operate the different Software Programs that operate the Printer and that generate 3D Printable files.
3. Transfer Phase: Students are going to apply their skills.

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