WHY RGET & RAAVM FOR VEDIC MATHS AND ABACUS LEARNING?

Learn Vedic Maths and Abacus by RGET & RGET & RAAVM. We provide the knowledge of ABACUS and VEDIC MATHS to understand and entertain mathematics at any level with accurate standards. We are committed to upgrading the quality of teaching maths, with the support of a dedicated team of trainers with an excellent track record.

RGET & RAAVM has launched courses for T3 (Train The Trainers) programs, and training candidates who are 5 yrs or above in both online and offline mode.

Also, the course will be beneficial for up-skill existing practitioners, who are already teaching Abacus and Vedic Maths, like school teachers and parents.

BENEFITS OF RGET & RAAVM

To understand and extensive case studies RGET & RAAVM has formed a platform where you can learn Vedic Maths and Abacus via online and offline classes. We have enumerated the following details about how our approach streamlines the course into covering all the essential aspects.

Abacus courses have been running in India and globally for the past 10 yrs.But it is taught extensively without any basic framework, leading to erroneous teaching methods and wrong practices.

There is a common notion among people that Abacus deals with attaining proficiency in the calculation. But the actual benefit of Abacus is the improvement of concentration and brain enhancement through the concept of visualization.

ABACUS
[MENTAL ARITHMETIC & BRAIN DEVELOPMENT TRAINING]

ABOUT TRAINING PROGRAM :

Children from age 4 to 15 years are eligible to learn ABACUS. They need not to use calculator or computer to learn Abacus. Abacus is the best way for all children to learn how to calculate without using a calculator, pencil and papers. Our Mental Arithmetic Program is divided into two categories :

(1) ABACUS JUNIOR - 4 Levels (08 months program) from children of age 4 to 5 years.

(2) ABACUS BASIC - 8 Levels (16 months program) from children of age 6 to 15 years.

In ABACUS JUNIOR PROGRAM - Children will learn –

a)   Alphabet.

b)   Number.

c)   Basic Idea of Addition.

d)   Basic Idea of Subtraction.

e)   Forming of words, etc.

All the programs are play program. (Playing with Learning). In ABACUS BASIC PROGRAM - Children will learn -

(a) Addition. (b) Subtraction. (c) Simplification. (d) Multiplication.

(e) Percentage (%). (f) Division. (g) Square. (h) Square root.

(i) Cube. (j) Cube root. (k) HCF & LCM.

ABACUS EXTRA CURRICULUM :

(a) Equation of vector.

(b) Logarithm. (The extra curriculum is not included in the basic program)

RGET & promotes whole brain development, using the Abacus as a tool and Arithmetic as a medium.

Abacus is a level-based program that includes the basics of arithmetic operations, viz:

- Addition (starting with single digit and ascending gradually).

- Subtraction.

- Multiplication.

- Division.

When we see the result of such teaching methodology in a child, to solve 5-10 rows of addition/ subtraction/ multiplication/ division without any tools. while giving answers instantaneously, we assume that Abacus has improved the computation potential of the kid. But, In reality, the child's concentration power improves rendering him capable of discerning such massive calculations with minimal effort.

The simplicity of Vedic Maths helps a child perform calculations by merely observing the problem. Children can invent their techniques without restrictions by the set standards being commonly used. This enables them to play with numbers and eventually removes the phobia of maths from their minds.

It has been observed extensively, that 70% of students drop maths as a subject after the 10th standard. The remaining 30% who opt for maths successively are already proficient in it. It is for this reason that the Vedic-Maths course was invented to remove the maths phobia from their minds.

RGET & RAAVM has proved by generating a buzz in the market and creating awareness about the ideology of Abacus and Vedic-Maths. The responsibility to spread this awareness and knowledge to the necessary places is the next role of RGET & RAAVM.

ABACUS

Takes Learning to the Next Level At RGET & RAAVM, students harness the power of the Abacus and mental arithmetic to boost their brainpower. The Abacus has been a trusted teaching tool for thousands of years and is still used today in parts of Asia and Russia. RGET & RAAVM uses the Japanese Abacus, called the Soroban, to help students visualize numbers on a base-10 system. Students learn to manipulate the countable beads to perform arithmetic calculations such as addition/subtraction and multiplication/ division.

Over the last 25 years, several internationally noted research papers explored the secondary benefits of Abacus learning for children. These benefits include enhancements in: mental capacity, intuitive thinking, problem-solving and mental endurance. RGET & RAAVM students have fun using the world's oldest calculator and see their math ability and overall confidence grow!

VISUAL ARITHMETIC

Students Rethink Maths by Thinking in Pictures Manipulating the beads of the Abacus helps children to develop an ease with numbers and gives them a new perspective on how math works. Once students become adept at performing on the Abacus, they are trained to visualize the Abacus and 'picture' the beads moving as they swiftly solve problems in their mind. This emphasis on seeing in pictures is what sets the RGET & RAAVM approach apart.

Visual Arithmetic is the essential building block that replaces the physical Abacus in the child's mind. Using snapshots of a virtual Abacus enables students to engage their right brain and solve questions much more quickly than they could before. The figures that are to be calculated are visualized as beads on the Abacus, as opposed to numerals.

This crucial concept of thinking in pictures and using the right brain leads to clearer thinking, improved memory, faster calculation speed and greater efficiency and accuracy. By the end of the RGET & RAAVM mental arithmetic program, students will have stored over 450,000 Abacus images in their memory.

CHARACTERISTICS OF OUR MATH CLASSES

We promote a culture where learning is Designed With Your Child in Their Mind with a lot of fun because we know that happy kids will thrive. We offer friendly and personalized training for your child at RGET & RAAVM ,math classes conveniently located and that provide the following for your benefit:

- Flexible timetable to fit your schedule.

- Friendly, energetic, highly-qualified course instructors.

- Small class sizes means each student gets personal attention.

- Up tempo, interactive learning environment.

- Personal welcome and orientation session for parents.

- Regular updates to parents on their child's progress.

- Certificates awarded at the successful completion of each level.

- RGET & RAAVM Points awarded for student participation can be traded in for prizes.

- Homework and drills to keep students sharp between classes (parental support and involvement at home is a key success factor in this program).

DETAILED SYLLABUS OF ABACUS MATH

ABACUS PART-1

- Introduction of abacus training and how it works through our online abacus classes.
- Without formula mixed digit addition subtraction.
- Single digit addition subtraction with the help of small friends formulas.
- Videos for mental practice and work sheets for practice.

ABACUS PART-2

- In second part of our online abacus course we start with single digit addition subtraction with the help of combinations friends formulas.
- Complex calculations on abacus with the help of some advanced technique of addition substation.
- Double digit and mixed digit addition subtraction with all formulas.
- Videos for mental practice and work sheets for practice.

ABACUS PART-3

- Introduction of multiplication concept.
- Single and multi-digit number multiplication (1digit*1dihgit*2digit and 1 digit).
- Double and multiplication (2digit*2 digit and 2digit*3digit) formulas.

ABACUS PART-4

- Introduction of most simplified method of definition concept.
- Multi-digit numbers by single digit number division (1 digit / 1 to 4 digit/1 digit).
- Multi-digit numbers by double digit numbers division (2 digit / 2digit to 4 digit / 2digit).
- Online abacus training videos including videos for mental practice and work sheet for practice.
- Equation of vector.
- Logarithm.

DETAILED SYLLABUS OF VEDIC MATH

VEDIC MATH PART-1

- Introduction of vedic math course and how it works through our online vedic math's training classes.
- Addition of single double triple and multi-digit numbers with the help of Ekadhik number, Ekadhiken poorven, complementary.
- Subtraction of double triple and multi-digit numbers with the help of Ekanun and Ekanunen poorven.
- Methods to get the tables of numbers up-to hundred.
- Interesting tricks for some special cases of multiplication.

VEDIC MATH PART-2

- Advanced tricks of multiplication for the general base (multi-digit number multiplication).
- Specific cases (multiplication with sub base 20-90,sub base 200-900)
- Multiplication with 11, 111, 1111, 12, 13, 14, 15, 16,19. 9 25 and 50.
- 2 digit multiplication with 2 digit where unit digit is 1 and 2digit is multiplication with 2 digits where unit digit is 9.
- Rules of divisibility of the numbers(2,3,4,5,6,7,8,9). Divisibility test by the numbers having unit digit as1, 3, 7, 9)
- Square value of two digit number.
- General case of division (division of multi-digit number by 2 digit numbers)
- Specific cases of division (division of any number by 5, 25,50,9,99 and 999)

VEDIC MATH PART-3

- **Advanced tricks of Vedic Mathematics.**
- **General and specific cases of extracting the square value of any number(square value of 3 digit numbers with method-1)**
- **Square value 10-100 base numbers, 1000 base numbers.**
- **Square value 20-80 sub base numbers 200-800 sub base numbers and 2000-8000 sub base number with the help of Nikhilam method).**
- **Shortcut methods for extracting the L.C.M and H.C.F of the multi digit numbers.**
- **Method of to extract the cube value of the numbers having sub base 20-80, 10-100, 200-800 with Nikhilam method.**
- **Another method to find out the cube value of 2 digit number**
- **Rules to find perfect cube number.**

VEDIC MATH PART-4

- **For practice we have provided you sufficient number of worksheet. But still, if you are looking for more practice material for revision descriptions of these practice material for revision, you can always purchase a Vedic math's student kit from us. Following are the respective descriptions of these practice material.**

DETAILED TOPIC OF VEDIC MATH

INTRODUCTION TO VEDIC MATHS

a. **History of Vedic Maths.**

b. **About the Father of Vedic Maths.**

c. **Features of Vedic Maths.**

VEDIC MATHS FORMULAE

a. **Vedic Maths – 16 sutras.**

b. **Vedic Maths – 13 sub-sutras.**

HIGH SPEED ADDITION

a. **Addition without carrying – 2x2, 2x3,2x4……2x10 (rows/columns).**

b. **Addition using dot method - 2x2, 3x3, 4x4……..10x10 (rows/columns).**

c. **Addition using dot method – random digits.**

a. Subtraction using All from 9 last from 10 (Nikhilam Navatascaram Dashtah).

b. Subtraction using appropriate base

   i.   Digit number (base 10).

   ii.   Digit numbers (base 100).

   iii. Digit numbers (base 1000).

   iv.   Digit numbers (base 10000).

   v.   Digit numbers (base 100000).

   vi.   Digit numbers (base 1000000).

   vii. Digit numbers (base 10000000).

GENIUS MENTAL MULTIPLICATION TECHNIQUES BY BASE METHOD

a. Multiplying any two number between 11-20 by BASE +10 method.

b. Multiplying any two numbers between 80-100 by BASE -100 method.

c. Multiplying any two numbers between 101-120 by BASE +100 method.

d. Multiplying any two numbers between 980-1000 by BASE -1000 method.

e. Multiplying any two numbers between 1001-1020 by BASE +1000 method.

f. Multiplying any two numbers between 9980-10000 by BASE -10000 method.

g. Multiplying any two numbers between 10001-10020 by BASE +10000 method.

h. Multiplying any two numbers between 99980-100000 by BASE -100000 method.

i. Multiplying any two numbers between 100001-100020 by BASE +100000 method.

j. Multiplying any two numbers between 999980-1000000 by BASE -1000000 method.

k. Multiplying any two numbers between 1000001-1000020 by BASE +1000000 method.

l. Multiplying any two numbers between 9999980-10000000 by BASE -10000000 method.

m. Multiplying any two numbers between 10000001-10000020 by BASE +10000000 method.

n. Multiplying numbers above and below the BASE.

MIRACLE OF MULTIPLICATION

MULTIPLICATION BY 9'S

a. any two digit numbers by 99.

b. any three digit numbers by 999.

c. any four digit numbers by 9999.

d. any five digit numbers by 99999.

e. any six digit numbers by 999999.

f. any seven digit numbers by 9999999.

g. any eight digit numbers by 99999999.

h. any nine digit numbers by 999999999 and so...on.

i. any random digit number by any random of 9's.

MULTIPLICATION BY 1'S

a. any two digit numbers by 11.

b. any three digit numbers by 111.

c. any four digit numbers by 1111.

d. any five digit numbers by 11111.

e. any six digit numbers by 111111.

f. any seven digit numbers by 1111111.

g. any eight digit numbers by 11111111.

h. any nine digit numbers by 111111111 and so...on.

i. any random digit numbers by 12.

j. any random digit numbers by any random of 1's.

MULTIPLICATION OF ANY TWO RANDOM NUMBERS

(APPLICATION OF URDHVA TIRYAGBHYAM) (VERTICAL & CROSSWISE)

a. any two digit numbers multiplied by any two digit numbers.

b. any three digit numbers multiplied by any three digit numbers.

c. any four digit numbers multiplied by any four digit numbers.

d. any five digit numbers multiplied by any five digit numbers.

e. any six digit numbers multiplied by any six digit numbers.

f. any seven digit numbers multiplied by any seven digit numbers.

g. any eight digit numbers multiplied by any eight digit numbers.

h. any nine digit numbers multiplied by any nine digit numbers.

i. Multiplying a long number by a shorter number.

j. any random digit numbers by any random digit numbers.

LIGHTNING SQUARES

a. Urdhva Tiryak Method of Multiplication.

b. Using the Yavadunam Thavadunikrutya Vargancha Yogayet Sutram.

c. Using the duplex method (Dwandwayoga method).

d. Squares of demimals.

e. Application of Anurupyena Sutram (geometrical progression).

f. Squares of numbers ending in 5 (Ekadhikena Purvena Sutram).

g. Squares of numbers by base method.

h. Squares of numbers by duplex method

   i. squares of any 2 digit numbers.

   ii. squares of any 3 digit numbers.

   iii. squares of any 4 digit numbers.

   iv. squares of any 5 digit numbers.

   v. squares of any 6 digit numbers.

   vi. squares of any 7 digit numbers.

   vii. squares of any 8 digit numbers.

- easy square roots.

- straight division method (application of dwandwayoga (duplex) method).

RAPID CUBES

a. A general method of cubing.

b. Yavadhunam Sutra for cubing.

c. Cubing Using Series Multiplication.

QUICK CUBE ROOT

a. Cube roots of exact cubes.

b. If the cube is even.

c. Imperfect cube.

d. Finding the fourth root.

e. Finding the fifth root.

f. Finding the sixth root.

EXCELLENT DIVISION

a. By Nikhilam Rule (Special cases of dividing with 9,8,7 & 6).

b. Straight division -Application of Urdhva Tiryak Sutram for numbers (Vinculum method).

c. Reduction method for straight division (simplified).

VINCULUM

a. Introduction to vinculum numbers.

b. Convert vinculum numbers to normal form.

c. Subtraction using vinculum numbers.

SIMPLE DECIMALS

a. Introduction to decimals.

b. Decimal addition.

c. Decimal subtraction.

d. Decimal multiplication.

e. Decimal division.

FUN FRACTIONS

a. Introduction to fractions.

b. Fraction multiplication.

c. Fraction – addition & subtraction (same denominators).

d. Fraction division.

e. Fraction – addition (different denominators).

f. Factoring.

g. Reducing to lowest terms.

h. Mixed numbers.

i. Multipying mixed numbers.

SMART PERCENTAGE

a. Introduction to percentage.

b. Percentage difference.

c. Convert percents to decimals.

d. Convert percents to fractions.

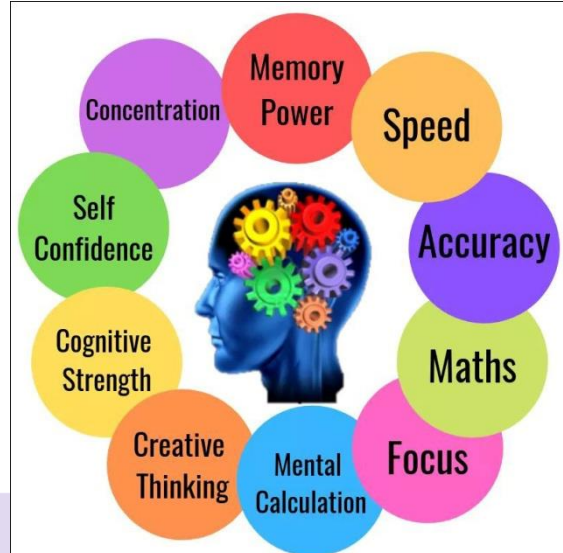## MAX ALGEBRA

a. Quadratic Formula.

b. Exponents and Radicals.

c. Absolute Value.

d. Special Product Formulas.

e. Binomial Theorem.

f. Special Factoring Formulas.

g. Inequalities.

h. Exponentials and Logarithms.

TEACHER TRAINING PROGRAM ON ABACUS & VEDIC MATH

RGET offers Vedic Maths Teacher Training certificate program that includes all level training for which you need not buy any franchise. It is not mandatory that after taking Vedic Maths training, you will have to open a Vedic maths center. Candidates preparing for entrance exams, skill development, or for business purpose etc. can join certificate programme. This certificate programme includes an in-depth study of Vedic Maths sutras. After the successful completion of Vedic Maths training, a candidate is free to take Vedic Maths classes. This certification has not only helped students but also helped in generating self-employment.

Vedic Maths Training provided by RGET trainers help the learners to develop innovative mathematics skills and invent their own methods instead of using a predefined method for solving a puzzle.

Our course fee includes comprehensive study material which helps the learner to understand and learn in a better way.

Vedic Maths certified trainers trained by RGET can grab lifetime business opportunity by opening their own educational training institutes or by working with prestigious educational organizations. With a very small amount of investment in certification, anyone can become a certified professional and get recognition in society. Without any compulsion for becoming a franchise, RGET provides unmatched opportunity to become a professional.

The importance of Vedic Mathematics lies in the fact that any type of complex and critical multiplication or division can be done with simplicity. Vedic Mathematics is a compilation of tricks that help in solving mathematical calculations quite easily. People can now try out their own new methods as they are not limited to one method. Vedic Mathematics is very easy to understand and practice.

BENEFITS OF VEDIC MATHS TRAINING COURSE

- **Vedic Mathematics cultivates an interest in numbers and eliminates the maths-phobia.**

- **High-Speed Vedic Mathematics is 10 to 15 times faster than conventional Maths.**

- **Can make good money as teacher.**

- **Vedic Maths not only simplifies and eases the toughness of mathematics but also boosts the brain power.**

- **Professional career advancement made easier.**

- **Better and Much improved academic performances in school and Instant Results.**

RGET offers students the opportunity to learn different but interesting, easier and faster methods to do maths. This six months certification course is valid across India and considered as an added qualification while applying for any teaching job. Training can be taken through online/offline mode.

WHO CAN JOIN VEDIC MATHS TRAINING PROGRAMME?

- **Un-employed youth: Will get them respectable employment.**

- **Fresh Graduates: Vedic Mathematics helps in achieving success in professional exams.**

- **Housewives: By sitting at home, can earn and get knowledge for self and can start earning a good amount without any huge investment.**

- **Teachers: Will be able to train students for entrance exams which require speed in various exams like GRE, GMAT, SAT, MAT etc. Helps in personal improvement too.**

- **Anyone who wants to take up Vedic Maths as a Career.**

RGET CERTIFIED IN DIPLOMA IN ABACUS TEACHER TRAINING (DATT)

Though the course does not aim to teach teaching, it includes advice on teaching. We offer you to learn the unconventional and useful methods of doing maths mentally, faster and accurately without creating hindrance in your routine work. This certification course is offered at many locations across India through our trainers. After the successful completion of Vedic Maths Teacher Training course, you will be given a Certificate in Vedic Math.
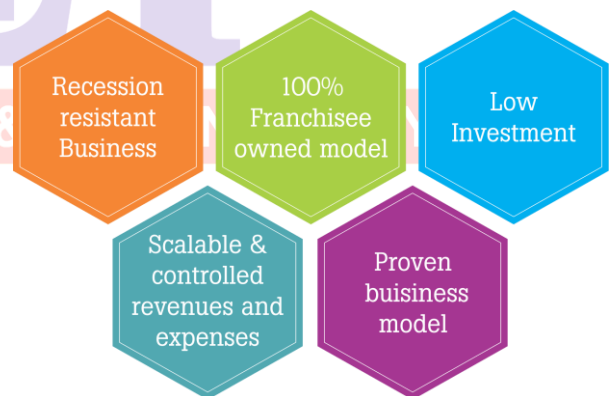
RGET trainers aim to provide ABACUS TEACHER TRAINING programme in such a unique simplified way that learning Maths becomes easy and fun for the learners. Also, our course fee includes all required study material which helps the learner to understand and learn in a better way.

RGET certified trainers can grab the earning opportunity and can open their own educational training institutes. With a very small amount of investment in ABACUS certification, anyone can become a certified professional and get recognition in society. Last but not the least, RGET does not force its learners to obtain franchise registration prior to starting their own classes. Without any hassle for becoming a franchise, RGET provides an unmatched opportunity to become a professional.

This is a 6-month syllabus which can be completed by the candidate in different time slots. Professional teachers can come twice a week while the homemakers and freshers can complete the course by coming 5 days a week.

BENEFITS OF ABACUS TRAINING COURSE

- **Abacus Teacher Training is a unique opportunity to earn good income with minimal investment.**

- **Abacus training classes, due to its unmatched benefits for children is popular across the world.**

- **It gives opportunities to professionals to start their own Abacus Maths Class Training Institute or Centre.**

Recession resistant Business

100% Franchisee owned model

Low Investment

Scalable & controlled revenues and expenses

Proven buisiness model

- **One can take training and get hired by any of the schools or institutions as a full-time Abacus Teacher.**

- **High earning potential against less investment is there as you can earn thousands by training children from home or your exclusive workplace.**

- **Excellent opportunity to associate as you will be your own boss and earn throughout your life due to its demand in the present generation.**

- **It provides flexibility as no week's time is required rather trainers conduct these classes on weekends preferably on either Saturdays or Sundays.**

- **No prior experience is necessary for teaching or in business.**

- **A graduate.**
- **An educated housewife.**
- **Tuition teacher.**
- **School teacher.**
- **Businessman.**

RGET gives you an opportunity to train children with abacus technique based on the mental arithmetic system.

RGET is an Indian company which offers you one-time training at all levels and topics so that you are committed to quality and focus on excellent education.

"Our program is not only a cognitive method but as well a skill of handling fast and mental calculations". This training system provides unmatched solutions to each and every child Hidden magic is there in this friendly environment for those who have fear of maths. Learning abacus will remove their fear of maths. "Our Abacus approach is a language which plays with numbers for children to sense, feel and know". This is a method of imaging and visualising numbers and deals with its addition, subtraction, multiplication, division and other operations mentally. Mental calculation training methods challenge children's brains to improve their concentration, visual memory, listening speed, reasoning, logic, comprehension and offers right brain stimulations for creative intelligence. The general perception about Abacus and Vedic Maths is that it is all about numbers and speed. But Abacus enhances focus, concentration and also develops the synergy of the left and right brain.

ENTREPRENEURSHIP DEVELOPMENT PROGRAM ON ABACUS & VEDIC MATH

ABACUS FRANCHISE

Abacus Franchise is considered one of the most effective and unique programs which help entrepreneurs to build up a business related to education. This program has now made its mark in our nation. It is an entertaining tool to learn mental arithmetic and It is only used to do arithmetic calculation easily and quickly as a calculator. Abacus Maths helps to develop the right brain of a child and it can be helpful in the development of one's inner abilities like concentration, speed, memory, accuracy and learning ability.

Abacus students are found to be excellent in the accuracy of their minds as compared to non-abacus students of the same age. Using the visualization skill of the abacus enables students to perform well. In Abacus education, when you are launching a center in a new area then you first have to take a franchise of abacus and every time you are training a new group of people.

- An excellent opportunity to showcase your entrepreneurship skills.

- Can efficiently impart education even to the remote corners of the country.

- Can be your own boss and get the best value for your money with no loss as this education offers high-income potential against your investment.

- The requirement of High professional qualifications is not a hindrance to taking an Abacus franchise.

- Can attain financial freedom in a short span of time.

FRANCHISE SUPPORT WILL BE GIVEN AS:

- Training to the teaching staff.

- We provide the best class of learning material.

- Evaluation is done of your students from time to time.

- Branding by all marketing material.

Our motive is to help every human being to be employed & earn to the fullest

VEDIC MATHS FRANCHISE

RGET & RAAVM offers you the entire training and business plan, technical backup and many services. This will help you to run the Vedic Maths Franchise, in a very efficient way. We will provide you every single guideline so that you may not be troubled by issues in the future.

Vedic Mathematics is a remarkable technique that assists children and students to perform basic arithmetic calculations quickly and accurately. Arithmetic is extremely important for building up a solid academic foundation for children and teachers. It is a compilation of tricks meant to arrive at the answers mentally.

It captures the interest by using different techniques and making the problem a solution. These are very popular way to enhance mathematical skills. Vedic maths for beginners starts at a basic level of numbers and slowly progresses towards simple addition, subtraction, multiplication, and division.

The most wonderful technique to learn and gain knowledge of mathematics

- It is a very good opportunity for young men, housewives, and people who are already connected to some educational institute to be their bosses.

- A contribution to uplift society.

- RGET & RAAVM offers to teach different but interesting, easier, and faster methods to do maths.

- No need for any specialized degree or diploma.

RGET & RAAVM uses advanced teaching techniques in providing education. We are the only Organisation that provides Vedic mathematics franchise at an affordable cost.

By associating as a franchise with RGET & RAAVM you are going to make a sound decision that will provide you with great opportunities to grow your business and touch the skies. We will be constantly supporting you with any help you need such as training, marketing techniques, advertising tips, etc. that can help you establish and grow your business.

SUPPORT IS GIVEN AS:

- Training at all the levels.
- Teaching material and concepts.
- Complete business plan for effective setup and management of the franchise.
- Technical support.
- Detailed manuals at each level.

WHO CAN APPLY?

- Entrepreneurs who love to work with children and adults.
- People who are looking for a business opportunity.
- A person with zeal, keen to become a successful educator.
- School teachers.
- Housewives.
- Unemployed individuals.