



2024

# THE VEDIC MATHS PROJECT REPORT

**DADRA & NAGAR HAVELI, DAMAN AND DIU** 

www.vedicmathsindia.org

# FOREWORD



#### **Gaurav Tekriwal**

President, Vedic Maths Forum India

Dear All,

I am pleased to present the Vedic Maths Project Report 2024, detailing the teacher training program conducted by Vedic Maths Forum India in collaboration with Samagra Shiksha and UT Administration of Dadra Nagar Haveli, Daman and Diu. This report highlights the objectives, activities, outcomes, and overall impact of the training initiative, designed to enhance educators' mathematical teaching methodologies using the principles of Vedic Mathematics.

The training program successfully introduced participants to innovative techniques rooted in ancient Vedic wisdom, enabling them to make mathematics more engaging and accessible for their students. The enclosed report provides a comprehensive overview of the program, including:

- The training curriculum and methodology.
- Key outcomes achieved during the program.
- Feedback from participating educators.
- Recommendations for future initiatives.

We are confident that this report will provide valuable insights into the transformative potential of Vedic Maths in education. We look forward to exploring opportunities for further collaboration to advance mathematical excellence among educators and students alike.

Thank you for your continued support and encouragement.

Yours sincerely,

Gaurav Tekriwal President Vedic Maths Forum India www.vedicmathsindia.org



Swami Shri Bharati Krishna Tirthaji Maharaja Father of Vedic Mathematics





FORUM INDIA

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# INTRODUCTION

In collaboration with Samagra Shiksha, Directorate of Education, UT Administration of Dadra Nagar Haveli, Daman and Diu, the Vedic Maths Forum India in December 2024 organized a series of comprehensive workshops aimed at equipping educators with innovative mathematical techniques rooted in Vedic principles. The event, held in December 2024 at DNH, Daman and Diu, attracted over 350 teachers from all Government schools in the Union Territory.

The primary objective was to introduce participants to the ancient Indian system of mathematics- Vedic Mathematics, known for its simplicity and efficiency in solving complex problems and to help students in Mathematics by giving them access to an easier way to solve problems and creating an interest in the subject.



### **OBJECTIVES**

The workshop was designed to:

- 1. Familiarize teachers and students with Vedic Maths concepts and techniques.
- 2. Demonstrate the application of Vedic methods to modern mathematical problems.
- 3. Empower teachers to enhance their methodologies, teaching making mathematics engaging and less intimidating for students.
- 4. Promote faster and accurate mathematical calculations to build student confidence thereby making Maths fun and interesting and shedding Maths Phobia.
- 5. Empower Teachers and Students with resources like Books, Workbooks, Videos etc to help them familiarise and implement the subject in the classroom.

### MEET THE VEDIC MATHS RESOURCE PERSONS







#### Gaurav Tekriwal

President, VMFI

Gaurav Tekriwal is the founder and president of the Vedic Maths Forum India. With over two decades of experience, he has been instrumental in making mathematics simpler and more accessible for students and educators worldwide. A TED speaker and bestselling author, Gaurav has conducted workshops, training sessions, and lectures across several countries, reaching millions through his innovative teaching methods. His contributions have earned him numerous accolades, and he continues to inspire individuals to approach mathematics with confidence and enthusiasm.

#### **Anushree Tekriwal**

**Director**, VMFI

Anushree Tekriwal is a dynamic educator and a key figure at the Vedic Maths Forum India, where she plays an integral role in designing and delivering innovative mathematical learning programs. Passionate about education, she specializes in creating engaging content that simplifies complex mathematical concepts for students and teachers alike.

Anushree's dedication to fostering a love for mathematics has made her a sought-after speaker and trainer, and she continues to empower learners by blending the ancient techniques of Vedic Mathematics with modern teaching methodologies.

#### Dr. Hrishikesh Thakkar

Author and Vedic Maths Expert

Teaches Vedic Maths for last 12 years for one year diploma course in vedic maths at Gandhidham study centre affiliated with Shree Somnath Sanskrit University SSSU. Also serves as a paper setter and examiner for vedic maths diploma exam being conducted by SSSU.

Worked as committee member of authors to write supplementary textbook of vedic maths for standard 6 to 10 in Gujarati medium which is prepared by GCERT and GSHSEB. Also prepared videos for the same to train the teachers. Seved as a Key Resource Person to GCERT and GSHSEB to train the teachers of selected govt schools of Gujarat in Vedic Maths.

Taught Vedic Maths for online certificate course run by Indian Institute for Teachers' Education (IITE) Gandhinagar.

### MEET THE VEDIC MATHS RESOURCE PERSONS

#### Vijay Vasudev Kulkarni

Vedic Maths Author and Awardee

Vijay Kulkarni, a distinguished Vedic Maths counsellor from Pune, has been passionately involved in the field for over a decade. Renowned for his expertise, he has trained students from across the globe, including the United States, Australia, and Germany. In 2015, he was honored with the prestigious "Karya Prerana Puraskar" by the T.B. Lulla Foundation for his dedication to promoting Vedic Mathematics. Vijay is frequently invited by academic institutions to enhance numeracy skills among students. Beyond his contributions to mathematics, he is an avid enthusiast of classical singing and poetry, showcasing his multifaceted talents.

#### Seshu Rallabandi

Vedic Maths Faculty

Seshu Rallabandi brings over 15 years of experience teaching Mathematics across CBSE, ICSE, and IGCSE curricula. A skilled educator, Sesha is also proficient in teaching Vedic Mathematics and Speed Mathematics, making complex concepts easy to grasp. Known for explaining mathematical ideas with practical examples and real-life applications, Seshu's approach inspires students to develop a deep understanding of the subject. Teaching mathematics is not just a profession but a true passion, reflected in the enthusiasm and dedication brought to every lesson.



#### **Ms.Priyal Patel**

#### Vedic Maths Trainer

Mathematics is her primary area of specialization, and she has a strong passion for making the subject both engaging and accessible to students. She is currently enhancing her expertise by undergoing specialized training in Vedic Mathematics with the Vedic Maths Forum India. This training allows her to explore the ancient Indian system of mathematics, which emphasizes speed, accuracy, and mental calculation techniques. By integrating these powerful methods into her teaching, she aims to provide her students with innovative approaches to solving mathematical problems, ultimately boosting their confidence and improving their numeracy skills.



#### THE VEDIC MATHS TRAINING, CURRICULUM AND METHODOLOGY

The sessions were conducted by the respective resource persons. All Workshops began with an introduction to the history and significance of Vedic Mathematics. The workshop covered:

- 1. **Foundations of Vedic Maths:** Explanation of the 16 Sutras (aphorisms) and sub-sutras that form the backbone of the system.
- 2. **Speed Multiplication and Division:** Techniques to perform complex calculations quickly.
- 3. **Square Roots and Cube Roots:** Simplified methods for finding roots without conventional lengthy processes.
- 4. **Applications in Algebra :** Integrating Vedic techniques with standard curriculum topics.
- 5. **Interactive Problem Solving:** Hands-on activities and exercises to ensure conceptual clarity.

TOPICS COVERED	TOPICS COVERED
ADDITION	SQUARES
SUBTRACTION	CUBES
MULTIPLICATION	QUARTICS
DIVISION	SQUARE ROOTS
DIGIT SUMS	CUBE ROOTS
FRACTIONS	BAR NUMBERS
DECIMALS	DIVISIBILITY
PERCENTAGES	ALGEBRA
AUXILARY FRACTIONS	FEW ADDITIONAL TOPICS



All participants received workbooks to practice Vedic Maths questions and enhance their skills through hands-on exercises. Notebooks and pens were also provided to facilitate note-taking and active participation. To ensure sustained energy levels throughout the intensive workshop sessions, teacher participants were offered refreshments.





#### THE VEDIC MATHS BASELINE TEST

To evaluate the impact of the Vedic Maths training, baseline tests were conducted both before and after the program. These assessments provided a clear measure of the performance of all participating teachers.

By comparing the pre-training and post-training scores, we were able to gauge the growth and progress of the participants. Teachers who showcased exceptional promise and achievements in the tests were recognized and felicitated for their outstanding performance.

#### **DIU SCORES : PERFORMANCE RESULT**

A total of 35 teachers from Diu participated in the Vedic Maths Teacher's Workshop. Over the course of the intensive 5-day training by Gaurav Tekriwal, participants demonstrated remarkable progress, achieving an impressive average growth of 37.14%.

Every participant showcased significant promise and improvement by the end of the workshop. The program received enthusiastic feedback, with teachers expressing their appreciation for the valuable insights and techniques they gained.

Sl.	Teacher Name	Marks in Pre-Training	Marks in Post-Training	Percentage Growth
1	Doli D Solanki	28	92	228.571
2	Chandulal H Baria	36	88	144.444
3	Sonu Kumar	28	68	142.857
4	Kamalia Darshana N	40	80	100.000
5	Jayendra	52	96	84.615
6	Himanshu M Sikotania	44	80	81.818
7	N.M.Sikotaria	36	64	77.778
8	Sima Bamania	52	92	76.923
9	Hiren Manseta	56	88	57.143
10	Rachana A Shah	60	92	53.333
11	Sufujan Vaid	60	92	53.333
12	Suresh K Solanki	52	76	46.154
13	Kaushalya N Solanki	44	64	45.455
14	Nilesh Kumar M Baniya	64	92	43.750
16	Vinay Kumar Solanki	60	84	40.000
15	Dipiksha b Solanki	40	56	40.000
17	Manisha B Horda	44	60	36.364
18	J.P.Solanki	56	76	35.714
19	Hemal Ratilal Solanki	68	92	35.294

#### **DIU SCORES : PERFORMANCE RESULT**

SI.	Teacher Name	Marks in Pre-Training	Marks in Post-Training	Percentage Growth
20	Dilip K Solanki	68	88	29.412
21	Bhavesh Kumar N Charaniya	44	56	27.273
22	K.C.Bamania	68	84	23.529
23	Jyotika Ben j Mor	72	88	22.222
24	Arvind M Solanki	76	88	15.789
25	Mita H Muri	76	88	15.789
26	Sunil Kumar Solanki	56	64	14.286
27	Neha H Solanki	60	68	13.333
28	Pravina M Kambash	60	68	13.333
29	Rita H Chauhan	60	68	13.333
30	Bhavik J Solanki	76	84	10.526
31	Wazedali B Kazi	84	92	9.524
32	Yogesh B Solanki	56	60	7.143
33	Urvashi Solanki	56	60	7.143
34	B.D.Solanki	56	56	0.000
35	Narendra S Bamania	72	44	-38.889
	Pre-Training Average of Diu	56	76.8	
	Average Growth in 5 Days %	37.14		







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• मर्ग 20, अका 77 = प्रमा, पुष्पारा । रिसंग 2024. = प्राः = पुष्प 27 = RNINO-ODHIN/2005/16215 = मंगल- निवय सर्वत्रायं पर समग्र शिक्षा अभियान दीव ने शिक्षकों के लिए वैदिक \* गणित पर पांच दिवसीय प्रशिक्षण का किया आयोजन

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बादक गाणते फरांस ३३३आ क मारंदर दूरर गारवे टकरावाला इस शिक्षक वर्षों को केसे आसाती में गाणित पदा सकते हैं इसके संवेध में जानकारी दी। कार्यक्रम के दौरान शिक्षा अधिकारी अरविंद सोलांकी एवं पीवृष मारूने ने भी प्रशिक्षण वेदिक गणित के बारे में बतावा। पूरे कार्यक्रम का संचालन दैनिया सोलांकी ने किस्पा इस कार्यक्रम में बीआरसी दिव्येश जेटवा, प्रमोदभाई एवं शिक्षकगण उपस्थित रहे।

#### SNAPSHOTS FROM DIU







#### SNAPSHOTS FROM DAMAN











#### SNAPSHOTS FROM DAMAN





## દમણમાં વૈદિક ગણિત અંગે વર્કશોપ યોજાયો



આવ્યું છે. પ્રેક્ટિસ કર્યા પછી શિક્ષકો આ ગણિતને બાળકો માટે તેમના પ્રત્યેનો ડર દૂર કરીને સરળ બનાવી શકે છે. તેમણે કહ્યું કે વૈદિક ગણિત વિશ્વની સૌથી ઝડપી પદ્ધતિ છે. આ સ્વામી ભારતીકે શર મહારાજ આચાર્યની ભેટ છે. તેમણે ગણિતના પ્રશ્નો હલ કરવા માટે ૧૬ ફોર્મ્યુલા અને ૧૩ પેટા ફોર્મ્યુલા ધરાવતી એક પુસ્તકલખી હતી. પ દિવસ સુધી

(દમણગંગા ટાઈમ્સ પ્રતિનિધિ) દમણ, તા.૨૭ : દમણ અને દીવના શિક્ષણ વિભાગ દ્વારા સર્વગ્રાહી શિક્ષણ અંતર્ગત વૈદિક ગણિત વિષય પર વર્કશોપનું આયોજન કરવામાં આવ્યું હતું. આ વર્કશોપ વિજ્ઞાન અને ગણિતના શિક્ષકો માટે યોજવામાં

ગણિતના શિક્ષકો માટે યોજવામાં આવ્યો હતો. જેમાં સરકારી શાળાના ઘણા શિક્ષકો હાજર રહ્યા હતાં. ચંદ્રશેખર આઝાદ સ્કૂલ ર૬થી ૩૦ ડિસેમ્બર સધી સવારે

#### **DAMAN SCORES : PERFORMANCE RESULT**

A total of 75 teachers from Daman took part in the Vedic Maths Teacher's Workshop, led by Gaurav Tekriwal. During the intensive 4-day training, participants displayed exceptional progress, achieving an average growth of 25.75%.

By the end of the workshop, every participant had shown notable promise and improvement. The program was met with enthusiastic feedback, with teachers praising the workshop for the valuable insights and innovative techniques they acquired.

SI	Name	School Name	Pre Training Marks	Post Training Marks	Percentage Growth
1	Ashis M Kunle	GUPS Dabhel	28	88	214.29
2	Smt B S Patel	GHS Pariyeri	36	92	155.56
3	Binal N Patel	SBSUPS Pariyari	36	88	144.44
4	Damania Kajal R	GHS E M Nani Damanwada	36	88	144.44
5	Athira	GUPS Ringanwada	40	84	110.00
6	Shruti C Patel	GUPS KAnchgam GM	48	96	100.00
7	Sandip T Patel	GHSS Bhimpore	44	84	90.91
8	Meghavinee	GHS E M Nani Daman	44	84	90.91
9	Hemani J Ravat	GUPS Dumethu	48	88	83.33
10	Sejal Kumar B Dixit	GUPS Dabel	56	96	71.43
11	Bhargavi R Arekar	GUPS Bhimpore	52	88	69.23
12	Nehal D Gohil	GHSS Kachigam	60	100	66.67
13	Meena A Patel	GHSS Bhimpore	56	92	64.29
14	Priti T Patel	GUPS Kachigam	60	96	60.00
15	Padma B Tandel	GUPS Thanapardi	48	76	58.33

SI	Name	School Name	Pre Training Marks	Post Training Marks	Percentage Growth
16	Divya S Patel	GUPS Model School	48	76	58.33
17	Yagnesh M Khandel	GUPS Ringanwada	56	88	57.14
18	Milan T Patel	GUPS Patlara	60	92	53.33
19	Punit Bamania	GHS Kachigam	64	96	50.00
20	Vipul Parmar	GHS Ringanwada	68	100	47.06
21	Bhavika I Patel	Block RP	60	88	46.67
22	Nita B Patel	GUPS Khadaria	60	84	40.00
23	Titiksha Patel	GUPS Model	60	84	40.00
24	AMI D Patel	GUPS Marwad	60	84	40.00
25	Priyanka K Halpati	GUPS Model	52	72	38.46
26	Rasila J Tandel	GHSS Dabhel	68	92	35.29
27	KS Arya	GHSS Varkund	66	88	33.33
28	Binalben H Patel	Model School	66	88	33.33
29	Tejal K Meehywanshi	SBSUPS Pariyari	72	96	33.33
30	Nutanben N Patel	GHSS Marwad	72	96	33.33
31	Brajesh C Patel	GUPS DUBHEL	48	64	33.33
32	Swati P Patel	GUPS Devka Colony	76	100	31.58
33	Smt D M Patel	GHSS Dabhel	76	99	30.26
34	Deval V Patel	GHS Nani Daman	68	88	29.41
35	Shail SiNGh	GUPS Dalwada	56	72	28.57
36	Krushna T Patel	GHSS Patlara	60	76	26.67
37	Patel Kitiksha B	GUPS Bhimpore	68	84	23.53
38	K G Tandel	GHSS Bhimpore	52	64	23.08

SI	Name	School Name	Pre Training Marks	Post Training Marks	Percentage Growth
39	Kanheyalal Ghelot GHSS Dabhel		66	80	21.21
40	Hitesh Kumar B Gajjar	GHSS Bhimpore	80	96	20.00
41	Seema g Patel	GUPS Devka Taiwad	80	96	20.00
42	Manjula R Patel	GUPS Bhensroad	76	90	18.42
43	Dharmesh R Patel	GHS Pariyari	72	84	16.67
44	Priyanka S Soam	GHSS Kachigam	76	88	15.79
45	Kirtiben K Patel	GUPS Damanwada	52	60	15.38
46	Purnima Sharma	GUPS Model	80	92	15.00
47	Smt S N Upadhyay	GHS Dalwada	80	92	15.00
48	Brijal M Patel	GHSS Ringanwada	84	96	14.29
49	Hiral T Patel	GHSS Dabhel	88	100	13.64
50	Anjali Raiput	GHSS Dabhel	64	72	12.50
51	Shobha Negi	GHSS Nani Daman	76	84	10.53
52	Sejal Patel	GHSS Nani Daman	80	88	10.00
53	Harendra C Pathak	GHSS Damanwada	84	92	9.52
54	Bhupendra C Patel	GHSS Moti Daman 84		92	9.52
55	Sejal R Patel	GHSS Dabhel	88	96	9.09
56	Tr B L Patel	GHSS Kachigam	88	96	9.09
57	Alka Patel	GHSS Patlaspada	52	56	7.69
58	Mahesh R Patel	GHS Zari	56	60	7.14
59	Bharat S Prajapati	GHSS Moti Daman	76	80	5.26
60	Mini P	GHS Nani Daman	92	96	4.35
61	Madhu Lata	GUPS Dubhel	92	96	4.35
62	Kshitija Sharma	GHS EM Nani Daman	76	76	0.00
63	Kinjal P Patel	GHSS ZARI	100	96	-4.00

SI	Name	School Name	Pre Training Marks	Post Training Marks	Percentage Growth
64	Alpa J Patel	GUPS Bhamti	76	72	-5.26
65	Sveta K Patel	GUPS KHariwadi	66	60	-9.09
66	Rajlaxmi Sarangi	GHS Ringanwada	88	80	-9.09
67	Hetal A Patel	GUPS Zari	80	72	-10.00
68	Rajesh Kalan	GHS Bhimpore	76	68	-10.53
69	Jaykant N Tilekar	GHSS 68 Kachigam		60	-11.76
70	Rupa A Patel	GUPS Varkund	96	84	-12.50
71	Ravindra Yadav	GHS Dalwada 96		80	-16.67
72	Kirti Kumar I Mitna	GUPS 48 Bhimpore		40	-16.67
73	Tushar Mehta	GHS Dunetha	64	48	-25.00
74	Smita S Patel	GUPS 72 Motivankad		52	-27.78
75	I H Momin	GHS EIM Nani Daman	84	absent	na
		Average Marks Growth in 4 Days %	66	83	25.76

### TWO VEDIC MATHS STUDENT WORKSHOPS IN DAMAN

We also conducted a special Vedic Maths workshop for primary and secondary school students at Ringanwada School, Daman. The two 2-hour sessions received an enthusiastic response from the students, who actively engaged with the concepts. The workshop focused on teaching techniques for Addition, Subtraction, and Multiplication, making mathematics both fun and approachable for young learners.



#### SNAPSHOTS FROM SILVASSA





#### Atil Azadi Dainik ® www.asiliozadi.com **3FREEDED 3FIGURATION** The Voice of Union Territory Daman-Dia & Dadra and Nagar Havel- Sace 2005

दादरा नगर हवेली में पांच दिवसीय वैदिक गणित शिक्षक प्रशिक्षण कार्यक्रम का हुआ शुभारंभ



A definition of the second sec

प्रसिक्षण से कथा 6 से 10 तक चतुत सी शामांसे से वैदिक फ़ित बॉलत/विज्ञान पढ़ाने वाले विषय के माध्यम से गॉपतीय तिश्वकों प्रसिक्षण दिया जाएगा समस्याओं की आसानी से हल चौंतत सभी के लिए बहुत ही कर सके। इस सरल तरीके से वे कठिन विषय है, लेकिन इस विद्यार्थियों को भी पढ़ाएंशे। इस प्रसिक्षण के रौरात सिक्षकों को ट्रेनिय से वेदिक गॉपल कोरास वेदिक गॉपत को सरल विधि ऑफ हिंदिया और हिंद्या विभाग पाण्यल जाएँग दिव्या के स्वार

असली आजादी न्यूज नेटवर्क, वैदेक गणित फोरम इंडिया सिलबासा 17 दिसंबर। समग्र किसा अभियान, शिक्षा विभाग टेकरोवाल, विजय कुलकणी, सेषु दारा नार रहने ताले एवं वैदिक रावार नारा रहने काले एवं वेदिक संयुक्त तवावयान में अवींजित फोरम इंडिया के को-आइंडिनेटर पांच दिवसीक कका 6 से 10 अनुझी टेकरोवालन आदि की पढ़ाने वालो कका 6 से 10 अनुझी टेकरोवालन आदि की पढ़ाने वालो कका 6 से 10 अनुझी टेकरोवालन आदि की पढ़ाने वालो के सिलवास व्यक्ती क जॉरस यींत में टेनिन का शुभारंभ कुर्वन तिल के सिलवास व्यक्ती क जॉरस योंत के प्रधानमंत्री इवेदना हिसकों के सरितवास व्यक्ती क जॉरस योंत देकरी का स्वाप्तमंत्री स्वत्वनि त्रिल के सिलवास व्यक्ती क जॉरस योंत देकरी का सुभारमंत्री इवेली तिल के सिलवास व्यक्ती को अपनी मत की बात कार्डक्रम 106 शिष्ठकों सारकारी पार्थी के आंतरी मत्र वैदिक के कर में विद्यालय मसाट में कुल 249 वैदिक केसिस के वारे में अपनी तिखकों वैदिक गणित पर पांच किस की विद्यालय पितारी पूर्व अनह किसा निरेशक, राजेंद्र अनह शिक्षा निरेशक, राजेंद्र उत्तर के रीआय की कराय के राज की राजन के राज मोहल राजा अधाकराते, केंद्र





#### SNAPSHOTS FROM SILVASSA









#### FIVE 3-DAY VEDIC MATHS TEACHER WORKSHOPS IN SILVASSA

The Vedic Maths Forum India conducted a series of five 3-Day Vedic Maths workshops specifically for teachers in Silvassa, Dadra and Nagar Haveli. The workshops aimed to empower educators with the skills and knowledge to incorporate Vedic Mathematics into their teaching practices, thereby improving the mathematical abilities of their students. These sessions were held at the Falandi and Masat Government School, and the workshops received positive participation from teachers across different schools in the region. The Workshops were conducted by the entire team of Vedic Maths Forum India resource persons. The Average Growth in Percentage terms for 3 days of training is 11.60%. The Average Pre-Training Score was 76.2% and the Average Post Training Score is 85.02%, thereby giving us an average growth of **11.60%** in 3-Days of Teacher's Training in Vedic Mathematics.

#### Workshop Structure

The workshops were carefully structured to cater to the specific needs of teachers, combining theoretical explanations with practical exercises. Each session included the following key components:

- Introduction to Vedic Mathematics: Overview of the history and significance of Vedic Maths, and its relevance to modern education.
- Understanding the Sutras: Detailed exploration of Vedic Maths sutras (aphorisms) that allow for quicker and more efficient problem-solving.
- Teaching Techniques for Teachers: Practical training on how to teach Vedic Maths concepts to students, focusing on effective delivery and student engagement.
- Speed Maths and Mental Calculation Techniques: Teachers were trained on how to use Vedic methods to perform fast mental calculations, which can then be passed on to their students.
- Interactive Practice Sessions: Hands-on exercises where teachers practiced the techniques in small groups, fostering peer learning and collaboration.
- Application to Curriculum: Discussion on how to incorporate Vedic Maths methods into existing school curricula and teaching strategies.

#### Key Highlights

- A total of over 230+ teachers participated in the workshops, all actively engaging with the content and exercises.
- The workshop provided teachers with valuable resources, including workbooks, and access to online materials for further practice.
- Teachers were encouraged to apply the Vedic Maths techniques in their classrooms, with practical tips on how to introduce these methods to students of varying age groups.
- The interactive nature of the sessions allowed teachers to not only learn but also exchange ideas and strategies for integrating Vedic Maths in their teaching practices.

#### Feedback from Participants

The workshops received enthusiastic feedback from the teachers, who expressed appreciation for the clarity, simplicity, and practicality of the Vedic Maths techniques. Key points from the feedback included:

- "The Vedic Maths techniques will make teaching mathematics much more effective. I feel more confident in explaining concepts to my students."
- "I've learned how to make math lessons more engaging and fun, and I'm excited to introduce these methods in my classroom."
- "The workshop was very hands-on, and I now have new tools to help my students improve their speed and accuracy in solving math problems."
- "I feel more prepared to handle students' challenges with math, and I'm looking forward to seeing the positive impact on their learning."

#### Conclusion

The 5 Vedic Maths workshops for teachers in Silvassa were a great success as it generated an average score of 11.60% in 3-Days time. The workshops achieved their goal of equipping educators with the tools and techniques to enhance their teaching methods and improve students' mathematical skills. Teachers left the workshops feeling empowered and inspired, with a renewed enthusiasm for teaching mathematics in a more engaging and efficient manner.

#### Recommendations

- Organize **follow-up online or offline workshops t**o help teachers continue refining their Vedic Maths teaching techniques.
- Develop a **support network on WhatsApp** for teachers to share experiences and best practices in integrating Vedic Maths into their classrooms.
- Provide ongoing resources, such as refresher courses or online platforms, to ensure teachers stay updated on Vedic Maths techniques.
- Introduce Vedic Maths in the Curriculum. Now that we have a strong base of teachers in the UT, we can easily launch Vedic Maths in the Curriculum and raise our standards of numeracy among students.
- Get more time for **upskilling the teachers.** The Teacher Training Workshops to be for 5-Days instead of 3-Days. Teachers lose out the topics kept for the balance days and hence the Average Score went down when compared to Diu and Daman where we had 5-Day and 4-Day Workshops for Teachers.

The success of these workshops highlights the growing importance of Vedic Mathematics in modern education and its potential to revolutionize how mathematics is taught across schools.

#### **DNH SCORES : PERFORMANCE RESULT**

We are delighted to share the outstanding outcomes of the Teacher's Training program conducted in the Union Territory of Dadra Nagar Haveli, Daman, and Diu. Designed to equip educators with innovative teaching techniques in Vedic Mathematics, the program saw enthusiastic participation from teachers across the region. Through hands-on activities, practical demonstrations, and collaborative learning sessions, the training fostered a deeper understanding of mathematical concepts and their simplified application in classrooms.

The results of the training were remarkable, with an **average growth of 24.83%** in performance scores, as reflected in pre- and post-training evaluations. This achievement highlights the dedication of the participating teachers and the effectiveness of the training methodology. The program's success underscores the transformative potential of Vedic Mathematics in modern education and reaffirms our commitment to empowering educators with tools that make mathematics more engaging and accessible for students.

<b>AVERAGE GROWTH IN SCORES</b>
<b>ACHIEVED IN THE 3 UT'S</b>

Dadra Nagar Haveli	11.6%
Daman	25.76%
Diu	37.14%
Average Growth in UT in Teacher's Training in Vedic Maths	24.83%



#### **BAR GRAPH REPRESENTATION OF THE GROWTH IN SCORES**

#### Top 5 Recommendations to Improve the Score

- 1. **Provide Continuous Training and Follow-Ups:** Organize regular refresher sessions and follow-up workshops to reinforce the concepts and techniques taught during the initial training. Ongoing learning ensures that participants retain and effectively apply their skills. We can see that the duration of the training affected the scores a bit. The longer the training the better will be the learning outcomes for the Teachers.
- 2. **Customized Training Modules:** Tailor the training content to address the specific needs and skill levels of participants. Conducting a pre-assessment to identify areas for improvement will make the sessions more impactful and relevant.
- 3. **Interactive and Engaging Methods:** Use innovative teaching tools, such as gamification, digital resources, and hands-on activities, to make the training sessions more engaging. Active participation enhances understanding and retention of Vedic Maths techniques.
- 4. **Practice-Based Assignments:** Assign real-world problems and scenarios that allow teachers to apply Vedic Maths techniques. Practical assignments help participants gain confidence and deepen their understanding through consistent practice.
- 5.**Peer Learning and Collaboration:** Facilitate group discussions and collaborative activities where teachers can share their experiences and strategies. Peer learning creates a supportive environment and promotes the exchange of best practices among participants.

These focused recommendations can help boost the effectiveness of the training and achieve higher performance outcomes in future sessions.

### 20 VEDIC MATHS STUDENT WORKSHOPS IN SILVASSA

The Vedic Maths Forum India team successfully conducted an extensive series of 20 workshops over two days impacting over 15,000 students in Silvassa, Dadra and Nagar Haveli. The workshops were designed to cater to a diverse audience, including students, teachers, and education professionals, and aimed to showcase the simplicity and effectiveness of Vedic Mathematics in solving complex mathematical problems.

Each session was meticulously planned to cover fundamental techniques such as rapid calculations, mental math strategies, and problem-solving skills, tailored to the needs of the participants. The team ensured an interactive and engaging learning environment, encouraging active participation and hands-on practice.

The workshops received overwhelming enthusiasm and positive feedback from attendees, who appreciated the innovative approach and the opportunity to enhance their mathematical proficiency. This large-scale initiative underscored the transformative potential of Vedic Maths in improving numeracy skills and fostering a love for mathematics across different educational levels.

	Date:- 19/12/2024				
Sr No.	Name Of School	Session	Master Trainer Name		
1	GHS DADRA	Morning	Mr. Vijay Kulkarni		
2	CPS DADRA	Evening	Mr. Vijay Kulkarni		
3	GHS NAROLI	Morning	Ms. Priyal Patel		
4	CPS NAROLI EM	Evening	Ms. Priyal Patel		
5	GHSS GALONDA	Morning	Mr. Gaurav Tekriwal		
6	CPS GALONDA	Evening	Mr. Gaurav Tekriwal		
7	GHSS RAKHOLI	Morning	Mr. Sheshu Rallabandi		
8	CPS RAKHOLI EM	Evening	Mr. Sheshu Rallabandi		
9	GHSS RANDHA	Morning	Dr. Hrishikesh Thakkar		
10	CPS RANDHA	Evening	Dr. Hrishikesh Thakkar		
	Date:-	20/12/2024	1		
Sr No.	Name Of School	Session	Master Trainer Name		
1	GHSS KHANVEL	Morning	Dr. Hrishikesh Thakkar		
2	CPS KHANVEL	Evening	Dr. Hrishikesh Thakkar		
3	GHS DUDHANI	Morning	Mr. Sheshu Rallabandi		
4	CPS DUDHANI	Evening	Mr. Sheshu Rallabandi		
5	GHSS SINDONI	Morning	Mr. Vijay Kulkarni		
6	CPS SINDONI	Evening	Mr. Vijay Kulkarni		
7	GHS SURANGI	Morning	Ms. Priyal Patel		
8	PS SURANGI	Evening	Ms. Priyal Patel		
9	GHSS DAPADA	Morning	Mr. Gaurav Tekriwal		
10	PM SHRI DAPADA	Evening	Mr. Gaurav Tekriwal		

### **STUDENT FEEDBACK**

- "The teachers explained everything so clearly. It felt like learning magic tricks for math!"
- "I really enjoyed how real-life examples were used to teach concepts. It made everything so relatable."
- "This was the best math session I've ever attended. I wish we had more workshops like this in school!"
- "Vedic Maths has changed the way I think about numbers. It's so much fun to practice now."



#### STUDENT WORKSHOPS IN SILVASSA









#### STUDENT WORKSHOPS IN SILVASSA







#### **ACKNOWLEDGEMENTS**

We extend our heartfelt gratitude to all those who contributed to the successful execution of the Vedic Maths Workshops in the Union Territory of Dadra Nagar Haveli, Daman, and Diu.

First and foremost, we would like to thank the State Project Director Shri Jatin Goyal Ji, Asst. State Project Director Shri Paritosh Shukla Ji and the entire Education Department of the Union Territory for their unwavering support and encouragement in organizing this initiative. We wish to thank Smt Purvi Patel, Smt Bhavika Patel, Shri Narendra Bhai, Shri Jaydev Sir, Shri Arvind Kumar Premji, Shri Denish Bhai, Shri Vijay Patel and Shri Keyur Bhai and all the respective coordinatrs for their support extended to us in DNH, Daman and Diu. The entire team's belief in the transformative power of Vedic Mathematics has been instrumental in making this program a reality.

We are deeply grateful to the principals, teachers and participants who actively engaged in the training sessions with enthusiasm and dedication. Their commitment to learning and their willingness to embrace new methodologies have been truly inspiring.

We also acknowledge the tireless efforts of the support staff and coordinators who worked behind the scenes to ensure smooth logistics and seamless execution of the workshops.

Lastly, we are thankful to the students and community members who inspired us with their curiosity and eagerness to learn, reminding us of the profound impact education can have on individuals and society. This collective effort has made a significant contribution to advancing numeracy and fostering a love for mathematics, and we look forward to continuing this journey together.



#### THE VEDIC MATHS WORKSHOP SNAPSHOTS







### Master Maths, Master Your Future with Vedic Maths!

Contact Us



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