Course Coordinator Report

Course Name: Vedic Mathematics

A free Add-On Course for PG students in the Department of Mathematics Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur was held from 10th Feb. 2023 to 13th April 2023. The course title was "Vedic Mathematics". Vedic maths is a system of mathematics that was discovered by an Indian mathematician, Jagadguru Shri Bharathi Krishna Tirthaji during A.D. 1911 and 1918. He printed his findings in a Vedic Mathematics book – Tirthaji Maharaj. Vedic mathematics is also called mental mathematics in the mathematical world. The brain's capacity and speed of calculations increases fivefold with the practice of Vedic maths. This Course was perfect for anyone who wants to learn fast calculation.

Vedic Maths or **Vedic Mathematics** is a collection of Methods or Sutras to solve numerical computations quickly and faster. It consists of 16 Sutras called Formulae and 13 sub-sutras called Sub Formulae, which can be applied to the solving of problems in arithmetic, algebra, geometry, calculus, conics, etc. All the sutras and sub sutras of Vedic maths help to perform mathematical operations quickly and accurately.

The course duration was 10 weeks (30 hours). Three theory classes were engaged on Monday, Tuesday & Wednesday in every week. The structure of marking system was 100 marks on theory paper. The question paper of theory examination was in MCQ type of 50 questions with four multiple choices. All the 24 students were present in theory examination. The result was prepared and certificates were also distributed to the students.

Dr. Vidhya T. Chauhan

Mauhan

Course Coordinator

To,
The Principal
SSES Amt's Science College,
Congress Nagar, Nagpur – 12.

Subject: Permission to conduct the add-on course in the Department of Mathematics during the Session 2022-2023.

Respected Sir,

This is to request you that, we wish to conduct the 30 hours Certificate course on Vedic Mathematics for the students of M.Sc. Mathematics for the session 2022-2023.

The detail of the course module, syllabus and time-table is submitted herewith.

Hence, please permit to run the same and oblige me.

Thanking you,

Date: 1/7/2022

Permitted

Yours' Sincerely,

Dr. Kalpana N. Pawar Prof & Head Department of Mathematics Shivaji Science College, Nagpur

SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S

SHRI SHIVAJI SCIENCE COLLEGE, NAGPUR

Date: 01/02/2023

NOTICE

All the students of M.Sc. (Mathematics) are hereby informed that the Department of Mathematics is going to start the "Certificate Course in Vedic Mathematics" from 10th Feb. 2023 to 13th April 2023.

So, the interested students should register their name for this course in the department of Mathematics. The Schedule is as follows.

Registration starts on: 02/02/23 (11:00 am to 4:00 pm)

Registration end on: 09/02/23 (4:00 pm)

Venue of registration: Department of Mathematics

Dr. Vidhya T. Chauhan

Course Coordinator



Shri Shivaji Education Society, Amravati's SCIENCE COLLEGE

Congress Nagar, Nagpur-12 (M.S.), India

Accredited with CGPA of 3.51 at 'A+' grade
A College with Potential for Excellence Member of APQN,
Recognized Centre for Higher Learning

Mentor College under 'PARAMARSH Scheme', UGC, New Delhi

Department of Mathematics
Organizes
Add on Course for Mathematics

On

Vedic Mathematics

10th Feb. - 13th April 2023

Coordinator

Dr. V. T. ChauhanDepartment of Mathematics

Head

Prof. K. N. PawarHead of Department

Chairman

Prof. M. P. DhorePrincipal, SSESA's Science
College, Congress Nagar,
Nagpur

CERTIFICATE COURSE IN VEDIC MATHEMATICS

Duration: 10th February –13th April 2023 for the session 2022-23

Department of Mathematics

SSES Amravati's Science College, Congress Nagar, Nagpur

About the Course:

Vedic mathematics is a system of reasoning and mathematical working based on the ancient Indian teachings called Veda. It is fast, efficient and easy to learn and use. Vedic mathematics which simplifies arithmetic and algebraic operations has increasingly found acceptance the world over. There is a race against time in all the competitions. Only those people having fast calculation ability will be able to win the race. Time saved can be used to solve more problems or used for difficult problems. This course is conducted for developing the fast, efficient and easy to learn and use problem solving skills of the students. It will be beneficial for the students in this scientific technological and modern society. Students will easily do the mathematical calculations and qualify the competitive exams and will get the best job and status in the society. It will increase their confidence and will be able to get employment.

Objectives:

- > To enhance the fast calculation ability Skill in Mathematics
- To develop positive attitude towards Mathematics
- > To enrich self confidence among students
- To qualify students to work globally.

Course Outcome:

- It helps person to solve mathematical problems 10-15 times faster
- It helps mathematical intelligent guessing
- It reduces burden (need to learn tables up to 9 only)
- It is a magical tool to reduce scratch work and finger counting
- It increases concentration
- It helps in reducing silly mistakes.

Duration: 30 hrs.

No. of times offered in a year: Once

Certification: All successful students shall be awarded by a certificate.

Dr. V. T. Chauhan Assistant Professor

Coordinator

Prof. M. P. Dhore Shivaji Science College, Congress Nagar, Nagpur

Principal

Syllabus:

UNITS	TOPICS	HOURS
Unit 1	 (i)Addition - Subtraction - Combined operations - Beejank (ii) Multiplication methods: Urdhwatiryagbhayam, Nikhilam, Ekanyunen, Ekadhiken, Antyayordashakepi. (iii) Vinculum - Operations. (iv) Awareness of 1 to 5 Vedic sutras as per Shankaracharya Bharthikrishan TeerthjiSwamiji's book. 	8
Unit 2	(i) Division methods:Nikhilam, ParavartyaYojayet, Dhwajank (ii) GCD and LCM (iii) Expression of GCD in terms of two numbers.	8
Unit 3	(i) Divisibility tests, Osculation & Reverse osculation.(ii) Division Algorithm, Quotient & Remainder.(iii) Duplex method.	7
Unit 4	(i) Squares & Square-roots for 6 digit number. (ii) Cubes & Cube-roots for 6 digit number, Contribution of Indian Mathematicians in Arithmetic.	7

TOTAL: 30 Hrs

Course Coordinator

IQAC Coordinator
Internal Quality Assurance Cell
(IQAC)
S. S. E. S. A. Science College
Congress Nagar, Nagpur.

Principal

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur **Department of Mathematics**

Teaching Plan

Title: "Vedic Mathematics"

Week	Hours	Topics
Week 1	3	(i)Addition - Subtraction - Combined operations - Beejank
Week 2	3	(ii) Multiplication methods: Urdhwatiryagbhayam, Nikhilam, Ekanyunen, Ekadhiken, Antyayordashakepi. Swamiji's book.
Week 3	3	(iii) Vinculum - Operations. (iv) Awareness of 1 to 5 Vedic sutras as per Shankaracharya Bharthikrishan Teerthji
Week 4	3	(i) Division methods: Nikhilam, Paravartya Yojayet, Dhwajank
Week 5	3	(ii) GCD and LCM
Week 6	3	(iii) Expression of GCD in terms of two numbers.
Week 7	3	(i) Divisibility tests, Osculation & Reverse osculation.
Week 8	3	(ii) Division Algorithm, Quotient & Remainder.
Week 9	3	(iii) Duplex method.
Week 10	3	(i) Squares & Square-roots for 6 digit number.(ii) Cubes & Cube-roots for 6 digit number, Contribution of Indian Mathematicians in Arithmetic.

Course Coordinator

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur

TIME TABLE

Academic Session: 2022-23

Certificate Course in "Vedic Mathematics"

Day	Name of Teacher	Theory	Time
Mon		Theory (B1)	2:00pm-3:00pm
Tue	Dr. V. T. Chauhan	Theory (B1)	2:00pm-3:00pm
Wen		Theory (B1)	2:00pm-3:00pm

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur

M.Sc. I (Vedic Mathematics)

Attendance Sheet (Session 2022-23)

S.N	Roll, No.		Name	1	2	3	5		7	0	q	10	1.1		-	_	1	1.6	1 4 7	140	140	Tac		T	1			T	T	T			7
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			Date	10/01	11102	3/05/2	14/04	15/01/21	16/02/2	4/01/2	13/02/2	20/02/1	21/01/2	22/0428	10	6/00/2	25/2/2	27/01/2	2402/2	16910	4/03/2	04040	08/4.5/20	03/05/2	10/03/22	1/08/2	340 g	24/04/63	06/04/23	SOHOLO	08/04/23	29/04/12	
1	VMS2301	Ku	Amisha B. Waghade	P	P	A	P	p	A	P	P	P	P	P	P	P	A	P	P	D	-		P	A	P	-	P	A	D	P	P	P	1
2	VMS2302	Ku	Anuja M. Kalse	P	P	À	P	P	P	A	P	P	D	P	P	P	P	P	P	P	P	P	P	P	P	10	P	P	10	+-	P	P	1
3	VMS2303	Ku	Asawari A. Deshmukh	A	P	P	P	P	P	P	Þ	A	A	P	P	P	D	b	D	P	P	P	P	·b	10	+	1	P	P	P	D	D	1
4	VMS2304		Ashish J. Gore	P	P	p	P	P	P	Α	A	P	P	P	P	P	P	A	A	1	1	P	P	+/	1	0 0	1'	P	11	P	1/	17	1
5	VMS2305	Ku	Dewanshish S.Tumdam	P	P	P	A	A	p	Р	A	P	P	P	P	P	P	P	P	1	P	+ '	P	1,	D	0	P	P	+ '	1 "	P	0	+
6	VMS2306	Ku	Jyoyi B. Bisen	P	À	P	P	P	P	P	P	P	P	A	A	P	P	P	P	+	1	+-	0	4	11	1	11	1 '	1 /	10	1	1/	_
_ 7	VMS2307		Krutik S. Bhongade	P	P	Þ	À	P	P	p	Α	P	p	P	P	P	P	P	7	+	1	+	P	+	+	+	+'	-11	1 !	11	11	11	_
8	VMS2308	Ku	Kunda J. Parate	P	P	P	P	A	P	P	ρ	p	Á	P	P	P	+	+-	+ '	+	p	+	1'	1	10	11	10	10	11	9 F	11	1,	
9	VMS2309	Ku	Mayuri G. Deshmukh	P	P	P	A	P	T'p	P	P	P	P	P	A	P	+ '	P	0	1	+'	+	+ ;	1	1	0 0	11	10	11	11		7 7	_
10	VMS2310	Ku	Minal S. Meshram	A	þ	P	P	P	A	P	P	-	P	P	+				0	1	1	PP	-	4 1 F	_	1 1	1	11	1)	1)	1	11/	P
11	VMS2311	Ku	Pooja G. Balapure	P	P	p	A	P	P	Þ	P	<u>'</u>	P	A	+-	++		\perp	10	F		' '	_	1	-11	- 17	PP	11	17	11	-) /	$\overline{}$
12	VMS2312	Ku	Prachi P. Khotele	A	P	D	p	D	p	P	A	P	B	P	+-	1	1 0	-1"	1	1		0 1	-		-		1 1	,	1			111	1
13	VMS2313	Ku	Rasika D. Bawankar	P	P	P	p	P	T P	P	10	P	+ -	P.E	, 6	$\overline{}$	-		, H		-	- 1	+'	1	-	11	1	AP	1	1 1	1 1 1	P	7
14	VMS2314	Ku	Reshma I. Lilhare	A	p	P	P	p	P	÷	P	P	P	++	+ '	- +'	Ť	- ·		+'	\perp	' '	\perp	P		DI	1 1	1 /	1	, ,		P	1
15	VMS2315	Ku	Shrusti V. Bangalkar	P	P	P	P	Đ	P	P	P	0	P	P	P	- 1	- '	_	D .		0		0	-	T	/ /	D	PI	-11	1	- 1	P	7
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17	VMS2317	Ku	Shukeshni P. Kakde	P	D	P	P	+÷	++	D	P	+-	*	- /	+	\perp	\perp	- 1	ρ	- 1		1 1/	0	P)	1	-	!		-	P	P	r
	VMS2318		Sumedh R. Ramteke	IA	P	P	r	+-	P	Þ	0	+	P	+	-+-	<u> </u>	- 17	-	0	-	P	P	P	+	P	P	'	P	-	/	P	P	P
19	VMS2319	Ku	Supriya S. Pohare	P	P	D	P	11	÷	IP	P	P	+	1	f	> /	P 1	1	D	_	7	P	-	7	1	P	P	P	P	-	-	A	P
- 1	VMS2320		Suraj S. Bante	P	p	ρ	ρ	+-	+	+	+′	+	-				D	0	p	-	P	P	P	P	P	P	P	A	P	P	P	P	P
21	VMS2321	Ku	Tanaya R. Kalewar	P	P	P	+'	1	P	Λ	P	-	+	1	+	-	/	4	+	-	-	-	P	P	5	p	P	P	9	′	P	Ŗ	P
-	/MS2322		Tasleem Sheikh	P	6	1	F	1 1	, ,		+′	+	P	A	+	+	-	P	P	P	P	P	P	P	Α	P	P	P	P	-	P	P	P
_			Vaishnavi Vaidya	+	15	1	P	r	0	1	- "	-	+		-	<u>'</u>	-	/	P	′	A	P	P	P	P	P	P	A	P	P	P	P	P
			Vrushali D. Lokhande	P	1	A	44		+	÷	+ '	+-	+'	-11	-	-	-	P	p	p	P	P	p	P	P	A	P	P	P	P	P	P	P
	11.32324	κu	viusilali D. Lokhande	P	J P] A	P	1	P	F		PP	1	2	P .	A	9	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P

Teacher

Head of Department

Principal

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur

Add-On Course (2022-2023)

Certificate Course: Certificate Course in Vedic Mathematics"

Exam - Notice

Date: 15/05/2023

All the registered students of the add-on Course on "Certificate Course in Vedic

Mathematics", under the Department of Mathematics for the session 2022-23 are hereby

informed that the **Theory examination** is to be scheduled on 25/05/2023 (Tuesday) from 10:00

am to 11:00 am in C10 at our college centre. All Students should be present in classroom 10

minutes before of the scheduled time of examination. List of students along with roll no. is given

as below:

Dr. V. T. Chauhan

Course Coordinator
Department of Mathematics

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Department of Mathematics <u>Exam Attendance Sheet</u> (2022-23)

Title: "Certificate Course in Vedic Mathematics"

Course Coordinator: Dr. V. T. Chauhan

S.N.	Roll. No.	Name of Students	Signature
1.	VMS2301	Amisha B. Waghade	Svayhale
2.	VMS2302	Anuja M. Kalse	dkalse
3.	VMS2303	Asawari A. Deshmukh	Destmedel
4.	VMS2304	Ashish J. Gore	Arhirh
5.	VMS2305	Dewanshish S.Tumdam	Devashist
6.	VMS2306	Jyoyi B. Bisen	Bisen
7.	VMS2307	Krutik S. Bhongade	Khongeele
8.	VMS2308	Kunda J. Parate	Rarde
9.	VMS2309	Mayuri G. Deshmukh	Meshmakh
10.	VMS2310	Minal S. Meshram	Behrow
11.	VMS2311	Pooja G. Balapure	Balapure.
12.	VMS2312	Prachi P. Khotele	Rhotele
13.	VMS2313	Rasika D. Bawankar	R. Bawarkgo.
14.	VMS2314	Reshma I. Lilhare	Rihare
15.	VMS2315	Shrusti V. Bangalkar	S. Banga Kar
16.	VMS2316	shruti M. More	SMJ
17.	VMS2317	Shukeshni P. Kakde	3.p kakele
18.	VMS2318	Sumedh R. Ramteke	Banteke
19.	VMS2319	Supriya S. Pohare	Boherre
20.	VMS2320	Suraj S. Bante	Spante.
21.	VMS2321	Tanaya R. Kalewar	Tolograman
22.	VMS2322	Tasleem Sheikh	T sheller
23.	VMS2323	Vaishnavi Vaidya	V. Vaidya
24.	VMS2324	Vrushali D. Lokhande	Makhanole

SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'SSHIVAJI SCIENCE COLLEGE, NAGPUR

Academic Session: 2022-23

DEPARTMENT OF MATHEMATICS

Vedic Mathematics Theory Exam

Time: One Hour] [Maximum Marks: 100

	questions. stions carry two marks. c correct option.	
1. Find remainder of		
A. 0	B. 2	
C. 32. Find remainder of	D. 4 22608 ÷ 16	
A. 2	B. 0	
C. 3	D. 4	
3. Find remainder of	6325 by 25.	
A. 2	В. О	
C. 3	D. 4	
4. Find the square of	55	
A. 2525	B. 2925	
C. 3025	D. 3125	
5. 87 * 93		
A. 9801	B. 9201	
C. 8091	D. 8291	
6. 93 * 86		
A. 8098	B. 9098	
C. 7998	D. 9808	
7. Find the square of		
A. 11449	B. 11249	
C. 11439	D. 11349	

8. Ekadhik of 12 (i.e. 12 = ?)

A. 12 B. 14

C. 13 D. 11

9. Find remainder of $0110\ 1100\ \div\ 11$

A. 10

B. 0

C. 11

D. 100

10. Determine the greatest common divisor of 12 and 26.

A. 2

B. 0

C. 3

D. 4

11. Write the full form of GCD?

A. Greatest Common Denominator

B. Greatest Common Dividend

C. Greatest Column Divisor

D. Greatest Common Divisor

12. Write the formula for GCD?

A. GCD (a, b) = a + b / LCM (a, b)

B. GCD (a, b) = $a \times b$ /LCM (a, b)

C. GCD (a, b) = a / b XLCM (a, b)

D. GCD $(a, b) = a + b \times LCM (a, b)$

13. Which of the following is not another name for GCD (Greatest Common Divisor)?

A. LCM

B. GCM

C. GCF

D. HCF

14. What is the GCD of 8 and 12?

A. 8

B. 12

C. 2

D. 4

15. If GCD of two numbers is 8 and LCM is 144, then what is the second number if first number is 72?

A. 24

B.2

C. 3

D.16

16. Write Vinculum Numbers of $234\overline{5}$ to normal numbers.

A. 2334

B. 2337

C. 2335

D. 2388

17. Write Vinculum Numbers of $23\overline{5}4$ to normal numbers.

A. 2354

B. 2254

C. 2335

D.

d) 2388

18. Write Vinculum Numbers of $28\overline{73}$ to normal numbers.

- A. 2335 B. 2285 C. 2335 D. 2727
- 19. Find cube of 16?
- A. 4096 B. 4097 C. 2335 D. 2727
- 20. Which term is used in terms for squaring and multiplication, denoted as D.
- A. Duplex combination B. Dwanda yoga C. Nikhilam D. Ekadhiken
- 21. Write formula for d(a) = ?
- A. d(a) = a*2 B. $d(a) = a^4$ C. $d(a) = 2a^3$ D. $d(a) = a^2$
- 22. Write formula for d(abc) =?
- A. $d(abc) = a2ac + b^2$ B. $d(abc) = a^4$
- C. $d(abc) = 2a^3$ D. $d(abc) = a^2 + 2ac + b^2$
- 23. Write formula for d(abcd) = ?
- A. $d(abcd) = a2ac + b^2$ B. d(abcd) = 2ad + 2bc C. $= 2ae + 2bd + c^2$ D. $d(abcd) = a^2 + 2ac + b^2$
- 24. Write formula for d(abcde) = ?
- A. $d(abcde) = a2ac + b^2$ B. d(abcde) = 2ad + 2bc C. $d(abcde) = 2ae + 2bd + c^2$ D. $d(abcde) = a^2 + 2ac + b^2$
- 25. Write formula for d(ab) = ?
- A. d(ab) = a*2 B. $d(ab) = a^2$ C. $d(ab) = 2a^3$ D. d(ab) = 2ab
- 26. The various methods used for division are:
- A. Vilokanam sutra
 C. Paravartya sutra
 D. All the above
- 27. Complement of number 7 is
- A. 14 B. -7 C. 3 D. 10
- 28. The Sutra Ekādhikena Pūrvena means:
- A. By one more than the previous one
 D. By two more than the previous one
 B. By two less than the previous one
- 29. In Vedic Mathematics allows us to add, subtract and multiply numbers from
- A. Top to Down

 B. Left to Right

 C. Right to Left

 D. None of them

30. Find the square of 112	
A. 11244 C. 13544	B. 12544 D. 14544
C. 13344	D. 14344
31 . 494*496 A. 245024	B. 245025
C. 245022	D. 245021
32. What is the degree of the polynom	
A. 0	B. 1/2
C. 2	D. 3
33. Put into bar number form 27.	
A. 33 C. 33	$B.\overline{30}$ $D.\overline{3}3$
C. 33	D. 33
34. Put into bar number form 39.	- 10
A. 39 C. 4 1	B. $\overline{43}$ D. $\overline{41}$
	5. 11
35. Put into bar number form 499 A. $\overline{501}$	$B.50\overline{1}$
C. 2	D. 3
36. Put into bar number form 859.	- =
A. 741 C. 941	B. $\overline{7}41$ D. $\overline{509}$
37. Find the cube root of 238328.	
A. 72	B. 52
C. 82	D.62
38. Find the cube of 103	
A. 1227277	B.1092747
C.1092727	D.1092757
39. Find the cube of 96	
A.885678	B. 888736
C.884736	D.1092787
40. Find the cube of 53	
A. 148877	В.1092747
C.91195	D.91125

41. Find the cube of 45		
A. 91156	B. 91125	
C.1092737	D.1092787	
42. What is the degree of the p	olynomial $\sqrt{3}x^3 + x$?	
A. 2	B. 1	
C.0	D.None of the	m
43. Find Ekadhik of 67812		
A. 67814	B. 67810	
C. 678125	D. 67813	
44. The LCM of a given co-prim	e number is equal	
A. the product of the numbers	B. the	sum of the numbers
C. the sum and product of the r	numbers D. No	ne of them
45. LCM of (5,17) =		
A. 85	B. 805	
C. 17	D. 5	
46. The LCM of a given co-prim	e number which means	
A. the product and sum of the r		B. the sum of the numbers
C. whose factor is 1 and the nu	mber itself	D. None of them
47. Find Ekadhik of 56		
A. 58	B. 68	
C. 67	D. None of them	
48. What is the square root of 6	5241?	
A. 61	B. 79	
C. 67	D. None of them	
49. What is the Cube root of 25	60047?	

50. Put into bar number form 776

A. 61

C. 67

A. $8\overline{24}$ B. $\overline{700}$

 $\mathsf{C.}\,50\overline{1}$ D. None of them

B. 63

D. None of them

Answer Key:

(Vedic Maths)

- A
 B
- 3. B
- 4. C
- 5. C
- 6. C
- 7. A
- 8. C
- 9. B
- 10. A

- 11. D
- **12.** B
- 13. A
- 14. D
- 15. D
- 16. C
- 17. B
- 18. D
- 19. A
- 20. A & B

- 21. D
- 22. D
- 23. C
- 24. C
- 25. D
- 26. D
- 27. C
- _,. 0
- 28. A
- 29. B
- **30.** B

- **31.** A
- 32. A
- 33. A
- 34. C
- 35. B
- 36. C
- 37. D
- **38.** C
- **39.** C
- 40. A

- 41. B
- 42. D
- 43. D
- 44. A
- 45: A
- 46. C
- 47. D
- 48. B
- 49. B
- 50. A

SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'SSHIVAJI SCIENCE COLLEGE, NAGPUR Vedic Mathematics

Score Card (Session 2022-23)

2 VI 3 VI 4 VI 5 VI	MS2301 MS2302 MS2303 MS2304	Ku	Amisha B. Waghade	100		i i	
3 VI 4 VI 5 VI	MS2303	Ku		1	50	78	А
4 VI 5 VI			Anuja M. Kalse	100	50	90	A+
5 VI	MS2304		Asawari A. Deshmukh	100	50	80	А
			Ashish J. Gore	100	50	80	А
6 VI	MS2305	Ku	Dewanshish S.Tumdam	100	50	76	А
	MS2306		Jyoyi B. Bisen	100	50	70	B+
7 VI	MS2307	Ku	Krutik S. Bhongade	100	50	78	А
8 VI	MS2308	Ku	Kunda J. Parate	100	50	80	Α
9 VI	MS2309	Ku	Mayuri G. Deshmukh	100	50	80	А
10 VI	MS2310	Ku	Minal S. Meshram	100	50	76	А
11 VI	MS2311	Ku	Pooja G. Balapure	100	50	92	0
12 VI	MS2312	Ku	Prachi P. Khotele	100	50	78	А
13 VI	MS2313	Ku	Rasika D. Bawankar	100	50	96	0
14 VI	MS2314	Ku	Reshma I. Lilhare	100	50	90	A+
15 VI	MS2315	Ku	Shrusti V. Bangalkar	100	50	80	А
16 VI	MS2316		shruti M. More	100	50	80	А
17 VI	MS2317		Shukeshni P. Kakde	100	50	76	А
18 VI	MS2318		Sumedh R. Ramteke	100	50	70	B+
19 VI	MS2319		Supriya S. Pohare	100	50	90	A+
20 VI	MS2320		Suraj S. Bante	100	50	94	0
21 VI	MS2321		Tanaya R. Kalewar	100	50	80	А
22 VI	MS2322		Tasleem Sheikh	100	50	76	А
23 VI	MS2323		Vaishnavi Vaidya	100	50	70	B+
24 VI	MS2324		Vrushali D. Lokhande	100	50	78	А
•		A	ppear		24		
	Passed				24		

100%

Course Coordinator

%

Dr. A. M. Pund

HOD of Mathematics, Science College, Nagpur



Shri Shivaji Education Society, Amravati's

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Institutional Member of APQN Recognized
Centre for Higher Learning and Research
Mentor College under 'PARAMARSH Scheme', UCC, New Delha

Add-on Course

Course Exam	n Name: Certificate Cou	rse in Vedic Mathematcs							
Name of Student:	4-400	INSTRUCTIONS FOR FILLING THE SHEET 1. This sheet should not be folded or crushed. 2. Use only blue/black ball point per is fill the croses. 3. Use of period is strictly prohibited. 4. Circles should be darkened completely and properly. 5. Cutting and erasing on this sheet is not allowed.							
Roll No.: 3 1 1	Session:2022-23								
Test Date:25/05/2024	Max. Marks:100	Do not use any stray marks on the pleat. Do not use marker or white fluid is hide the mark.							
Invigilator Signature	Obtained Marks: 32	WRONG METHODS CORRECT METHOD							
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106000 1200	000 %000	. 44 © 000							



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<u>Add-on Course</u> Course Exam Name: Certificate Course in Vedic Mathematcs										
Name of Student: Rasika D. Bac		INSTRUCTIONS FOR FILLING THE SHEET 1. This sheet should not be folded or crushed. 2. Use only blue/black ball point pen to fill the circles.								
Roll No.: 3 3	Session:2022-23	3. Use of pencil is strictly prohibited. 4. Circles should be darkened completely and properly. 5. Cutting and erasing on this sheet is not allowed.								
Test Date:25/05/2024	Max. Marks:100	6. Do not use any stray marks on the sheet. 7. Do not use marker or white fluid to hide the mark.								
Invigilator Signature	Obtained Marks: 36	WRONG METHODS CORRECT METHOD Solventry CORRECT METHOD O O O O O O O O O O O O								

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Name of Student:

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INSTRUCTIONS FOR FILLING THE SHEET

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Add-on Course Course Exam Name: Certificate Course in Vedic Mathematcs

Surgi S. Bante					This sheet should not be folded or crushed Use only blue/black ball point pen to fill the circles Use of pencil is strictly prohibited	
Roll No.: 3	20	Session:2022-23			 Circles should be darkened completely and properly Cutting and erasing on this sheet is not allowed. 	
Test Date:25/05/2	Max. Marks:100			Do not use any stray marks on the sheet. Do not use marker or white fluid to hide the mark. WRONG METHODS CORRECT METHOD		
Invigilator Signature		Obtained Marks:		94	⊗ ⊙ ₽♥ ○○○●	
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CERTIFICATE

G. Balapure Mr./Ku. Pooja

is awarded with certificate on successful completion of the course entitled, Certificate course inVedic Mathematics. Session 2022-23 under Add-on course conducted for 30 hours from 10/02/2023 to 13/04/2023 by Department of Mathematics, SSESA's, Science College, congress Nagar, Nagpur 440012.

He/She has passed the Examination with ' Ω ' Grade.



Dr. V. T. Chauhan

Coordinator, Department of Mathematics





Shri Shivaji Education Society Amravati's

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NAGPUR

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CERTIFICATE

Mr./Ku. Rasika D. Bawankay

is awarded with certificate on successful completion of the course entitled, Certificate course inVedic Mathematics.

Session 2022-23 under Add-on course conducted for 30 hours from 10/02/2023 to 13/04/2023 by Department of Mathematics, SSESA's, Science College, congress Nagar, Nagpur 440012. He/She has passed the Examination with '<u>o</u>' Grade.

Mondan

Dr. V. T. Chauhan

Coordinator, Department of Mathematics





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CERTIFICATE

is awarded with certificate on

successful completion of the course entitled, Certificate course inVedic Mathematics. Mr./Kd. Syrai S. Bante

Session 2022-23 under Add-on course conducted for 30 hours from 10/02/2023 to 13/04/2023 by Department of Mathematics, SSESA's, Science College, congress Nagar, Nagpur 440012.

He/She has passed the Examination with '○' Grade.



Dr. V. T. Chauhan

Coordinator, Department of Mathematics



Action Taken Report

Total 24 students were benefitted by this course in **Vedic Mathematics** and it was very helpful to expand their Entrepreneurship knowledge and skills. It also encouraged their innovation by bringing new technique and services to society.

SSES Amit's Science College Congress Nagar Nagpur

Certificate course in Vedic Mathematics Department of Mathematics

2022-23

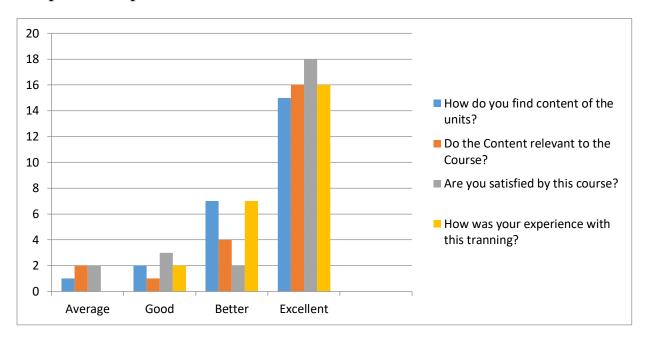
Feedback Analysis

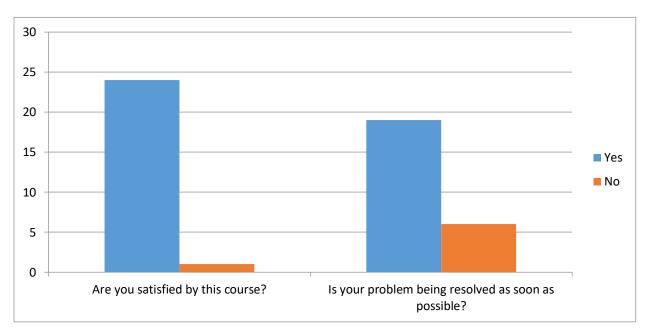
- 1. Numbered of students enrolled for the certificate course-24
- 2. Number of students successfully completed the certificate course-24
- 3. Number of students successfully submitted feedback -24

Questions:

- 1) How do you find content of the units?
- 2) Do the Content relevant to the Course?
- 3) Is your problem being resolved as soon as possible?
- 4) Are you satisfied by this course?
- 5) Will you want to join advanced course?
- 6) How was your experience with this training?

Graphical Representation





Course Coordinator

IQAC Coordinator Internal Quality Assurance Cell (IQAC)

S. S. E. S. A. Science College Congress Nagar, Nagpur.

Meliere Principal