

To

The Principal,

Arts, Science and Commerce College, Chikhaldara

Subject: Request for Permission to Organize Certificate course on "Vedic Mathematics"

R / Sir,

I hope this letter finds you well. I am writing to seek your permission to organize Certificate course on "Vedic Mathematics" in the period 28/03/2024 to 04/04/2024

The purpose of this event is developing numerical ability among the students, skills in calculations, identify the various mathematical resources. We believe it will contribute significantly to the overall development and engagement of our college students.

We assure you that all necessary arrangements and precautions will be taken to ensure the smooth conduct of the event without causing any disturbance to regular college activities.

We kindly request your approval for this initiative and would be grateful for any guidance or conditions you may have.

Thank you for considering our request. We look forward to your positive response.

Date: 26/03/2024
Place: Chikhaldara



Head
Department of Mathematics
Associate Professor
Head Department of Mathematics
Arts, Science & Commerce College
Chikhaldara

Permission granted

ML

PRINCIPAL
Arts, Science & Commerce College
Chikhaldara

26.03.2024

Arts, Science and Commerce College, Chikhaldara

Syllabus for Certificate course in Vedic Mathematics

(28/03/2024 to 04/04/2024)

Contents

Basic Level:

Day	Contents
1	i) How to find date of birth. ii) How to predict persons pocket money
2	Simple method multiplications
3	Criss-cross system of multiplication
4	Squaring of numbers
5	Cube roots of perfect cubes
6	Square roots of perfect square
	Examination MCQ Type

Book: Vedic Mathematics by Dhaval Bhatiya



Sipna Shikshan Prasarak Mandal, Amravati's

Arts, Science and Commerce College, Chikhaldara (163)

“CERTIFICATE COURSE IN VEDIC MATHEMATICS”

Organized by

Department of MATHEMATICS

(Academic Year :- 2023-2024)

Title of the Course :- “CERTIFICATE COURSE IN VEDIC MATHEMATICS”

Aim :- To develop the physical, moral or spiritual and intellectual powers and to achieve the solutions through it.

Objective :- Vedic Mathematics is an ancient system of mathematics that emerged from the Vedas, the ancient Indian texts. The primary objectives of Vedic Mathematics are:

1. Vedic Mathematics aims to simplify complex mathematical problems through its unique techniques and shortcuts, making calculations faster and more intuitive.
2. The system is designed to perform calculations quickly, which is especially useful in competitive exams and mental math. The techniques are often more efficient than traditional methods.
3. Many techniques of Vedic Mathematics are suitable for mental calculations, reducing reliance on calculators and improving cognitive skills.
4. Vedic Mathematics covers various aspects of mathematics, including arithmetic, algebra, geometry, and calculus, making it a versatile tool for solving a wide range of mathematical problems.

Duration	: 30 Hours
Eligibility	: B.Sc., B.A., B.Com. Students
Number of Seats	: 50 students
Number of beneficiaries	: 52 Students.
Duration	: One week
Date (Period)	: 28/03/2023 to 04/04/2024

Brief Report :

Vedic Mathematics is a system of mathematics that originates from ancient Indian texts known as the Vedas. It was popularized in the early 20th century by Bharati Krishna Tirtha, a Hindu scholar, who claimed that the techniques were derived from ancient Vedic scriptures.



This system provides a collection of methods and shortcuts for solving mathematical problems more efficiently and intuitively.

In academic year 2023-2024, department of Mathematics has conducted "*Certificate course in Vedic Mathematics*" in collaboration with Internal Quality assurance Cell (IQAC). The course syllabus of said certificate course was designed by faculties of the department as per need of course which includes basic level of Vedic mathematics with the prior permission and guidance of principal of our college. It consist the following topics as,

1. How to find the date of birth of any person?
2. How to predict person's pocket money?
3. Simple methods of multiplication,
4. Criss-cross system of multiplication,
5. Squaring of numbers,
6. Cube roots of perfect cubes and square roots of perfect square.

The course was conducted in the during the period 28/03/2024 to 04/04/2024 (total 6 days except holidays), Three hours to each working days and two hours for practice (Total 5 hours in a day i.e. 30 Hrs in a week). At the end of the course, M. C. Q. type examination was conducted. As per result the Certificates were given to the participants after successful completion of the course those who completed minimum passing criteria. Finally, the online feedback about the course was submitted by the students.


Co-ordinator

Dr. V. R. Paul
Associate Professor
Head Department of mathematics,
Arts, Science & Commerce College,
Chikhaldara




Principal

PRINCIPAL
Art, Science & Commerce
College Chikhaldara

Students Participation :- The following students are participated in the one week certificate course in 'Vedic Mathematics' and they submitted online feedback form.

Sr. No.	Timestamp	email	Name of participants	Mobile No.	Class:
1	4/15/2024 17:46:09	vedbajpeyee112@gmail.com	Ved Bajpeyee	7020386658	B.Sc 1st (2nd Semester)
2	4/15/2024 17:50:49	pmawaskar157@gmail	Pawan shamlal mawaskar	9529006202	B.sc 2 year
3	4/15/2024 17:54:32	chaturajay09@gamil.com	Ajay Manaji Chatur	8830968172	B. sc II
4	4/15/2024 18:12:24	kasdekarakshay16@gmail	Akshay Bhaiyyalal Kasdekar	9373178699	B sc2
5	4/15/2024 18:30:09	Vaishnavisurje03@gmail.com	Vaishnavi chhaganlal surje	9272064634	B.sc 3rd year
6	4/16/2024 22:17:56	rupabhilavekar85@gmail.com	Rupa Mangilal Bhilavekar	8999271628	B.sc II
7	4/16/2024 22:22:29	Sumandhande65@email.com	Suman Babulal Dhande	7020953372	B.sc 2
8	4/17/2024 11:58:36	rushikeshdammale@gmail.com	Rushikesh Dammale	7821096525	B sc 1st
9	4/17/2024 12:00:24	Metangesachin6@gmail.com	SACHIN VILAS METANGE	9322622986	Bsc Part 1
10	4/17/2024 12:06:41	ajeshkasdekar3@gmail.com	Ajesh kadma kasdekar	8208529904	B.sc 2 th year
11	4/17/2024 12:11:52	Pisenamrata@Gmail.com	Namrata pise	9511801327	Bsc 1st
12	4/17/2024 12:12:19	vaishnavikurhekar51@gmail.com	Vaishnavi Sahebrao Kurhekar	9322005702	Bsc Part 2
13	4/17/2024 12:17:06	abhijitgirhe308@gmail.com	Abhijit prabhakar girhe	9284408353	Bsc2year
14	4/17/2024 12:18:40	mohinichavhan008@gmail.com	Mohini Ulhasrao Chavan	7249443982	BSC 1 St year
15	4/17/2024 12:21:35	sarveshbadwaik25@gmail.com	Sarvesh Badwaik	8317233153	Bsc 1 (sem2)
16	4/17/2024 12:23:51	Rohitpotekar228@gmail.com	Rohit balmukund potekar	76666336157	B.sc I
17	4/17/2024 12:23:52	kasdekarakshay16@gmail	Akshay Bhaiyyalal Kasdekar	09373178699	B sc 2
18	4/17/2024 12:25:34	Bethekarrahul@gmail. com	Rahul Rajaram Bethekar	8080047556	B.sc 3 rd year
19	4/17/2024 12:26:10	renukakalaskar009@gmail.com	Renuka suresh kalaskar	8010121635	BSC first year
20	4/17/2024 12:32:42	bhisera9@gmail.com	Raj Ravindra Bhise	8767639587	B.sc III
21	4/17/2024 12:44:22	kshdekrshitla@gmail.com	Shital kajjulal Kasdekar	8275848746	B.sc2

22	4/17/2024 12:52:42	mohinichavhan008@gmail.com	Mohini Ulhasrao Chavan	7249443982	BSc I year
23	4/17/2024 13:03:47	Siddhipote2005@gimal.com	Siddhi pote	9518744831	Bsc 1st Year
24	4/17/2024 13:40:03	rushikeshdammale@gmail.com	RUSHIKESH DAMMALE	7821096525	B sc 1st
25	4/17/2024 14:22:25	sakshikalaskar371@email.com	Sakshi Dipak Kalaskar	9307534487	Bsc 3rd year
26	4/17/2024 14:54:41	chaturajay@09gmail.com	Ajay Manaji Chatur	8830968172	B.sc II
27	4/17/2024 15:41:20	almakhan7907@gmail.com	Alma Taif	7796444313	B.sc 1st year
28	4/17/2024 15:41:41		Manav Belkar	8208524478	B sc III
29	4/17/2024 16:01:21	bintejameel09@gmail.com	Nameera Quariya	8412008178	Bsc 1st year
30	4/17/2024 16:19:33		Vaishnavi c Surje	9272064634	B.sc 3rd year
31	4/17/2024 16:19:43	Shreyashdhonde5@gmail.com	Shreyash sunil Dhonde	87668 32081	B.sc 1st year
32	4/17/2024 16:20:54	yashmahajan7773@gmail.com	Yash Mahajan	7720027395	Bsc 3rd year sem 6
33	4/17/2024 16:24:50	pmawaskar157@gmail.com	Pawan shamlal mawaskar	9529006202	B.sc 2 year (sem- iv)
34	4/17/2024 16:25:53	mohammadafif490@gmail.com	Mohammad afif	7384821010	Bsc-1
35	4/17/2024 17:52:05	nekiramkumawat305@gmail.com	Nekiram Mahaveer kumawat	08999262315	Bsc 1year st
36	4/17/2024 17:53:12	nekiramkumawat305@gmail.com	Nekiram Mahaveer kumawat	8999262315	Bsc 1year
37	4/17/2024 17:55:37	pranalikurhekar24@gmail.com	Pranali Sanjay Kurhekar	7276099303	Bsc 2nd year
38	4/17/2024 18:35:09	cpidkalwar@gmail.com	Chetan Pidkalwar	9175035634	Bsc II
39	4/17/2024 20:36:58	gauribhongade44@gmail.com	Gauri Bhongade	9022923027	B.Sc 2nd year
40	4/17/2024 20:38:54	gauribhongade44@gmail.com	Gauri Bhongade	9022923027	B.Sc 2nd year
41	4/17/2024 22:48:32	dalalarchana49@gmail.com	Nirjara Dalal	8010264625	BSC 1st Year
42	4/18/2024 11:22:08	satishnagtode014@gmail.com	Sanika Satish Nagtode	7028494905	Bsc computer 1st
43	4/18/2024 16:21:46	dimpalavaghad@gmail.com	Rohini C. Avaghad	7841838936	B.sc 3Rd year
44	4/18/2024 16:25:58	dipikabochar7762@gmail.com	Ku.Dipika Nandkishor Bochare	9699793946	BSC - 3rd year
45	4/18/2024 16:31:45	mn3399071@gmail.com	Mohammad Nadeem	9763472375	Bsc 1 semester 2

46	4/18/2024 18:54:43	tejasghore0@gmail.com	Tejas R Ghore	8624940196	B.S.c 1 year
47	4/19/2024 8:16:12	vishalbelokar15@gmail.com	Vishal Belokar	9623551532	3rd year
48	4/19/2024 8:17:49	deshmukhsaloni68@gmail.com	Saloni Kishor Deshmukh	8788661765	Bsc 3rd year sem 6
49	4/19/2024 8:40:07	harshaborekar14@gmail.com	Harsha Surendra Borekar	9518725776	BSC 3 sem 6
50	4/19/2024 10:06:01	harshvijekar2003@gmail.com	Harsh Gajanan Vijekar	9022258445	B.sc 3year (sem-6)
51	4/19/2024 20:22:32	inglenitish4@gmail.com	Nitish Laxman Ingle	8080436317	Bsc 3yr sem(6)
52	4/27/2024 11:24:49	girishshahare09@gmail.com	Girish Lakhan Shahare	9623377926	Bsc 3rd year

Feedback Report:

The Certificate Course in Vedic Mathematics focused on various techniques to enhance computational efficiency and problem-solving skills. The course included topics such as date of birth calculation, predicting pocket money, multiplication methods, squaring numbers, and root calculations.

Students feedback summary with their best comments

Introduction

The Certificate Course in Vedic Mathematics provided students with techniques to enhance their mathematical skills, including date of birth calculations, pocket money predictions, and methods for multiplication, squaring, and root calculations.

1. Previous experience with similar courses

- **Question:** Have you attended this kind of certificate course/workshop earlier?
- **Results:** Approximately 97% of students responded "No."
- **Comments:** This was my first experience with a Vedic Mathematics course, and it was quite unique. I had not attended a similar workshop before. The course was very insightful and new to me.

2. Impact on ability to perform

- **Question:** How will the course affect your ability to perform yourself now on?
- **Comments:** The techniques learned in this course have significantly improved my ability to perform mental calculations quickly and accurately. I feel more confident in applying mathematical concepts in everyday situations and problem-solving tasks. The course has enhanced my efficiency in handling complex calculations and has been very beneficial for my academic and professional work.

3. Coverage of syllabus

- **Question:** Is the following syllabus covered in this course?
 - How to find the date of birth of any person?
 - How to predict a person's pocket money?
 - Simple methods of multiplication
 - Criss-cross system of multiplication
 - Squaring of numbers
 - Cube roots of perfect cubes and square roots of perfect squares.
- **Results:** Students confirmed that the syllabus points were covered in the course.
- **Comments:** All the topics listed were addressed in detail, which I found very helpful. The syllabus was well-covered, though I would have appreciated more examples for some of the advanced techniques.

4. Overall rating of the course

- **Question:** How would you rate overall this certificate course in Vedic Mathematics?
- **Comments:** The course was very informative and provided a solid understanding of Vedic Mathematics techniques. I rated it highly because the course was well-structured and the content was relevant and practical. The overall experience was positive, but there's room for improvement in terms of pace and additional examples.

5. Interest in future courses

- **Question:** Would you like to organize such type of course in the future?
- **Results:** The majority of students expressed a positive interest.
- **Comments:** I would definitely be interested in similar courses in the future. They offer valuable skills that are not commonly taught. Yes, I would love to see more courses like this. It's a great way to build mathematical skills and enhance learning.

6. Suggestions for popularization

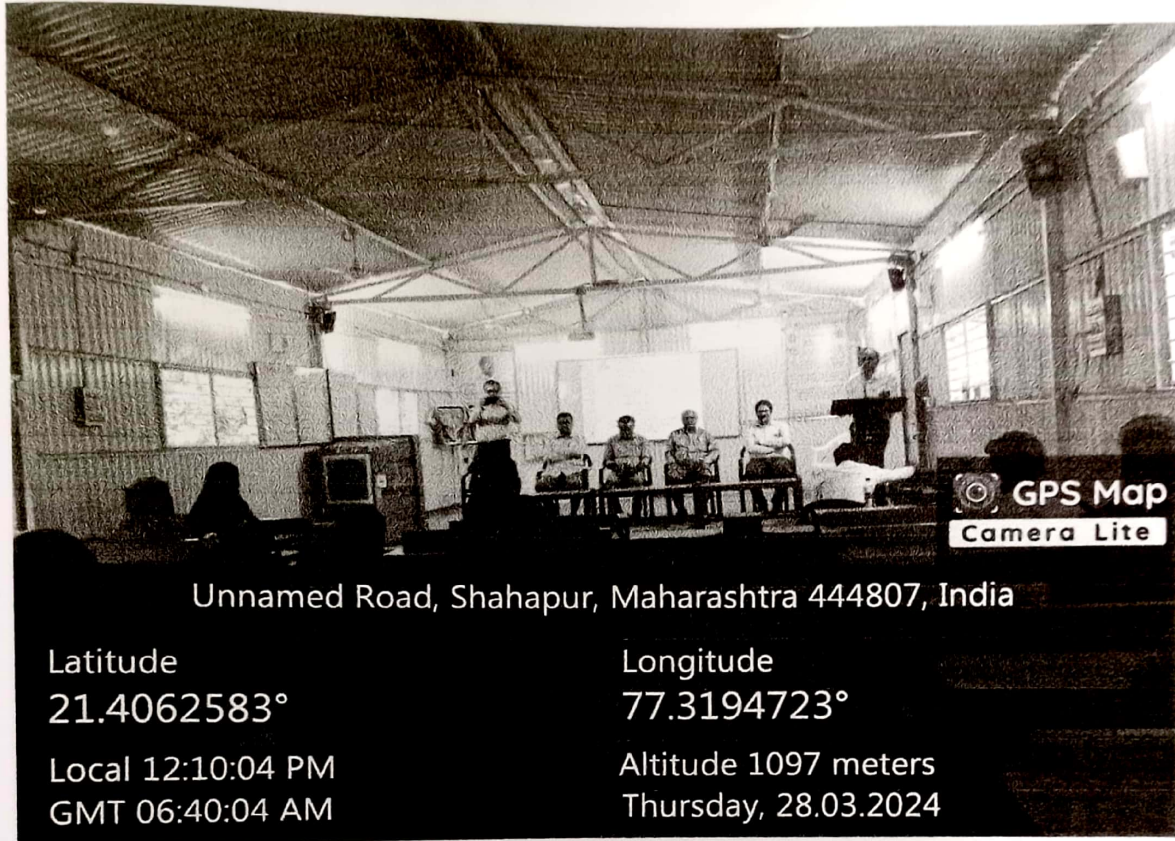
- **Question:** Do you have any suggestions for making this course more popular (one or two)?
- **Suggestions:** Promote the course through social media and educational blogs to reach a wider audience and generate more interest. Organize introductory webinars or free workshops to showcase the benefits of the course and attract potential participants.

Conclusion

The Certificate Course in Vedic Mathematics was well-received, with students appreciating the new techniques and skills gained. While most students were new to such courses, they found the content valuable and are interested in future offerings. To enhance the course's popularity, leveraging digital marketing and offering introductory sessions are recommended.

Thank you to all students for your constructive feedback. Your input is essential for the ongoing improvement and success of our courses.

Photographs of the programme:



Innuagral function conducted by Mr. Narendra S. Bayaskar on 28/03/2024 at seminar hall



PRINCIPAL
Art, Science & Commerce
Coll. Chikhaldara



Unnamed Road, Shahapur, Maharashtra 444807, India

Latitude

21.4062583°

Longitude

77.3194723°

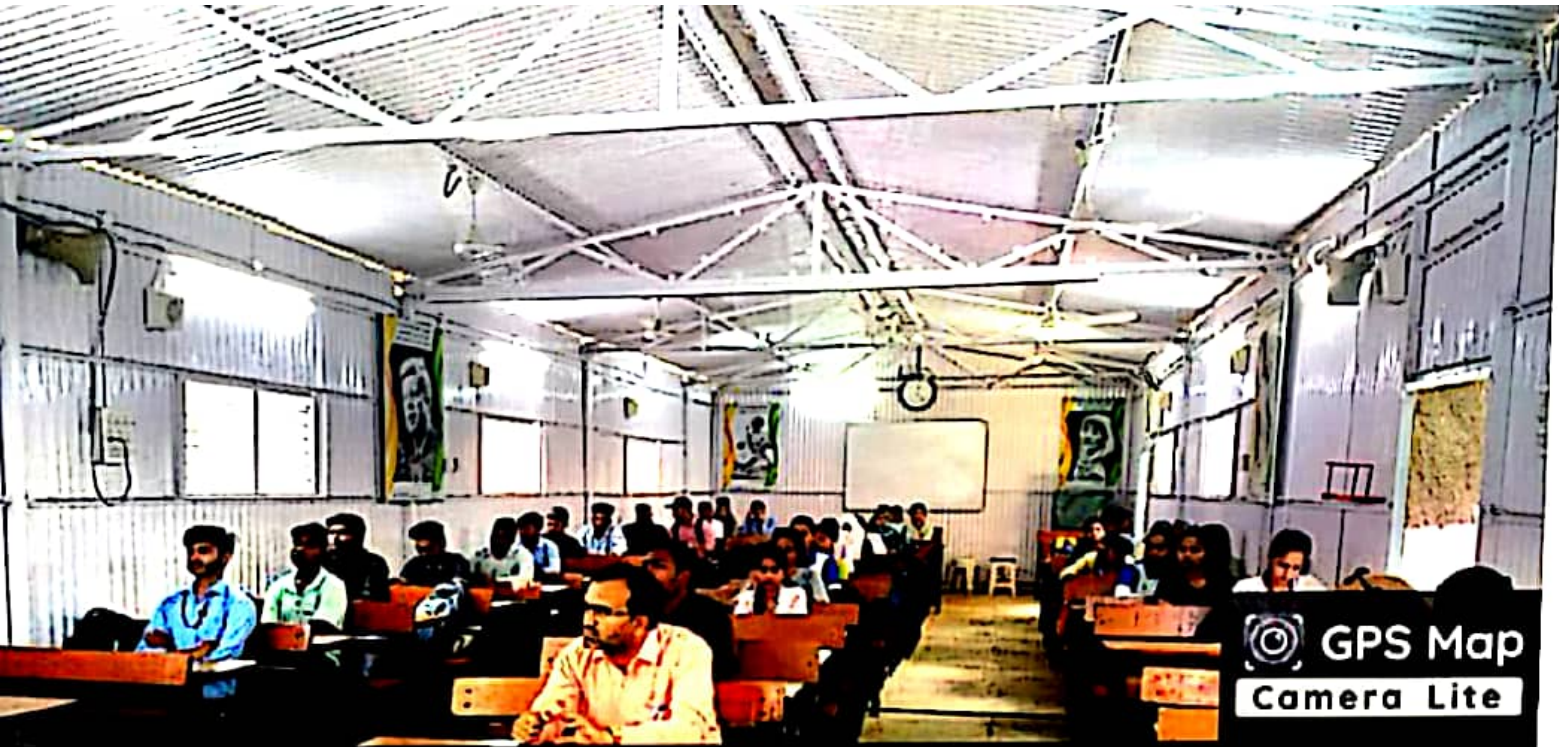
Local 12:10:04 PM

GMT 06:40:04 AM

Altitude 1097 meters

Thursday, 28.03.2024





GPS Map
Camera Lite

Unnamed Road, Shahapur, Maharashtra 444807, India

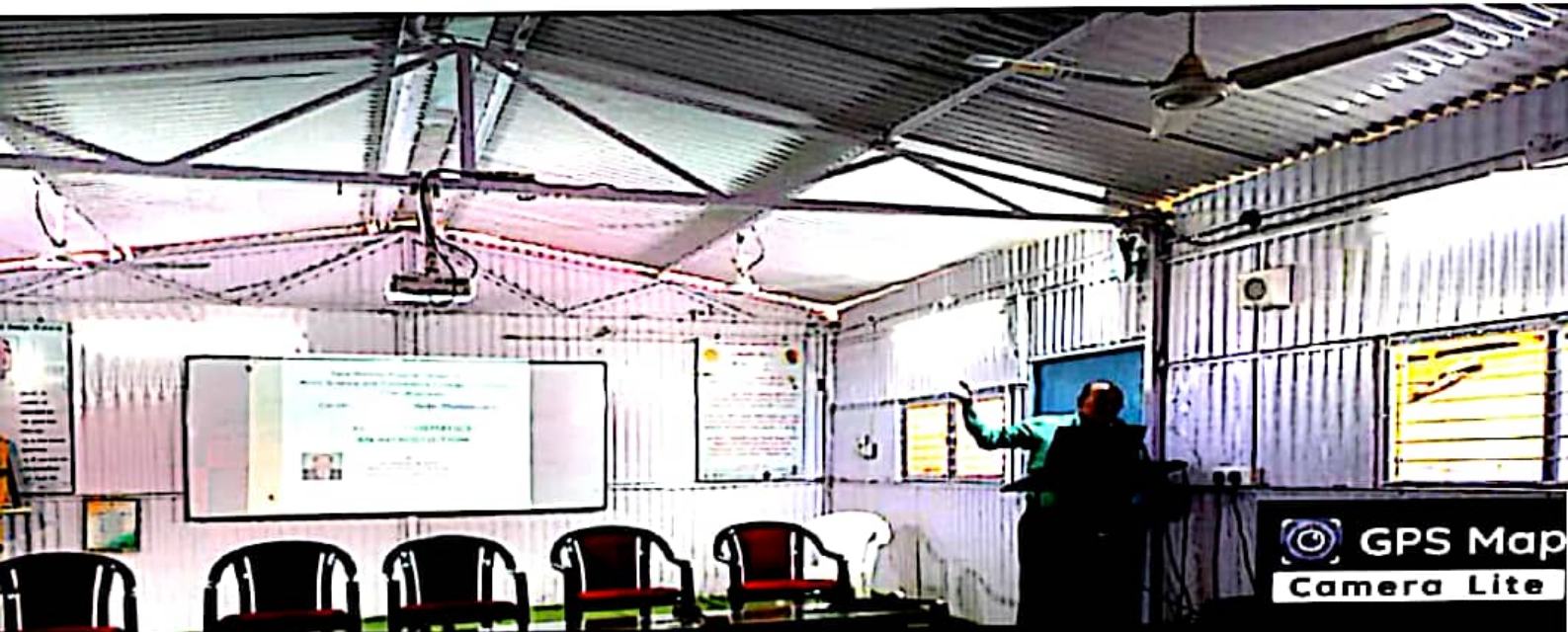
Latitude
21.4062593°

Longitude
77.31947°

Local 12:20:50 PM
GMT 06:50:50 AM

Altitude 1097 meters
Thursday, 28.03.2024

Annual function on 28/03/2024 at seminar hall , Arts, Science and commerce college, Chikhaldara



GPS Map
Camera Lite

Unnamed Road, Shahapur, Maharashtra 444807, India

Latitude
21.4062609°

Longitude
77.3194773°

Local 12:26:10 PM
GMT 06:56:10 AM

Altitude 1097 meters
Thursday, 28.03.2024



Latitude: 21.406347
Longitude: 77.319468
Elevation: 1130.31±2 m
Accuracy: 26.8 m
Time: 04-04-2024 14:06
Note: Certificate course in

Powered by Note



Latitude: 21.406361
Longitude: 77.319481
Elevation: 1130.31±1 m
Accuracy: 31.3 m
Time: 04-04-2024 14:07
Note: Certificate course in Vedic Mathematics

Powered by Note

Validictory function on 04/04/2024

Validictory function on 04/04/2024



Delivered lecture on Vedic Mathematics, Criss- cross method for multiplication by Dr V. R Patil



Latitude: 21.406349
Longitude: 77.319481
Elevation: 1130.31±2 m
Accuracy: 99.9 m
Time: 04-04-2024 14:17
Note: Certificate course in

Powered by Note

Validictory function on 04/04/2024



Galaxy F15 5G



Galaxy F15 5G

Certificate distribution after completion of course by Head Department of Mathematics to students