

# PROPOSAL

Date: 01/09/2021

To

The Principal

Dr. Kiran Save

Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta Science College,

Palghar.

**Subject:** Proposal for Organizing A Certificate Course In Mathematics For Competitive Exams  
“Quantitative Aptitude And Numerical Ability”

**Organizer:** Department of Mathematics

**Proposed Day & Dates-** Friday, 3<sup>rd</sup> September, 2021

## CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS

### QUANTITATIVE APTITUDE AND NUMERICAL ABILITY

Programme	Quantitative Aptitude and Numerical Ability
<b>Objectives</b>	<p>The main objective of this course is to prepare the students for the Quantitative Aptitude and Numerical Ability for the competitive exams like Talathi, MPSC Rajyaseva and MPSC combine, UPSC, Banking etc. and entrance exams like Law CET, MBA CET, MSWCET etc.</p> <ol style="list-style-type: none"><li>1) To impart the students with the knowledge of Mathematics starting from basic required for the competitive exams.</li><li>2) Recognize the importance and value of Mathematical thinking and approach to problem solving.</li><li>3) To develop knowledge and understanding of simple tricks to solve Mathematical problems in a given time limit.</li><li>4) To make students aware of competitive exams and to develop positive attitude towards Mathematics as an interesting subject.</li></ol>

	5) Be life-long learners who are able to expand independently their Mathematical expertise when needed.
<b>Duration of Training</b>	40 sessions (Each session of 1 hour)
<b>Syllabus Committee</b>	<ul style="list-style-type: none"> <li>• Mrs.Dipali Mali (Course coordinator)</li> <li>• Mr. Gulab Ramesh Deore (Guest lecturer, @successacademynashik)</li> <li>• Mrs. Shirin Hadiya (Assistant professor, Mathematics Dept.)</li> <li>• Ms. Nidhi Mali (Assistant professor, Mathematics Dept.)</li> </ul>
<b>Course Fees</b>	Rs. 200/-
<b>Eligibility</b>	<ul style="list-style-type: none"> <li>• Minimum HSC passed from any stream.</li> <li>• Degree students of Arts/Commerce/Science/IT/BMS.</li> </ul>
<b>Testing</b>	<ul style="list-style-type: none"> <li>• Assignments will be given topic wise and assessed time to time.</li> <li>• Total evaluation will be out of 100 marks. After completion of course there will be objective test out of 60 marks based on the syllabus and 40 marks on internal (30 marks for assignments, 05 marks for the attendance and 05 marks for viva.)</li> </ul>
<b>Certificate</b>	After successful completion of the course, participants will get certificate from college.
<b>Advisory Committee</b>	<p>1) Dr.Kiran Save (Principal)</p> <p>2) Prof. Mahesh Deshmukh (IQAC Coordinator)</p> <p>3) Mrs.Dipali Mali (Course Coordinator, Mathematics dept.)</p>

## QUANTITATIVE APTITUDE AND NUMERICAL ABILITY

	<b>Contents</b>	<b>No. of Sessions</b> <b>(Each session is of 1 hour)</b>
<b>Course Content</b>	Addition	02
	Subtraction	01
	Multiplication	02
	Division	02
	Square and Square roots	02
	Cube and Cube roots	02
	LCM & HCF	02
	Fractions	02
	Decimal System	01
	Decimal Fraction	02
	Number System	01

	Simplification	01
	Percentage	02
	Average	02
	Problems on Age	02
	Profit & Loss	02
	Simple interest & Compound interest	02
	Time & Work	02
	Time & Speed	02
	Area of cube, cuboids, triangle, rectangle, square, sphere and circle	02
	Mixture	02
	Numerical series	02
<b>Total Number of Session</b>		<b>40</b>
<b>Teaching Faculties</b>	<ul style="list-style-type: none"> <li>• Mr. Gulab Ramesh Deore (Guest lecturer, @successacademynashik)</li> <li>• Mrs. Dipali Mali (Course Coordinator, Mathematics dept.)</li> <li>• Mrs. Shirin Hadiya (Assistant professor , Mathematics Dept.)</li> <li>• Ms. Nidhi Mali (Assistant professor, Mathematics Dept.)</li> </ul>	

*Dipali*

**Mrs. Dipali Mali**

Head & Course coordinator

*M. Deshmukh*

**Prof. Mahesh Deshmukh**

(IQAC coordinator)

*K. J. Dave*

**PRINCIPAL**  
**Dr. Kiran J. Dave**  
 Sonopant Datta J. S. College,  
 V.S. Apte Commerce College &  
 M.H. Mehta Science College  
 PALGHAR (W.R.)  
 Dist. Palghar, Pin-401404

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# NOTICE

Department of Mathematics, S.D.S.M College, Palghar

## CERTIFICATE COURSE for competitive exams

All the students of Senior College (Arts, Commerce, Science, IT& BMS) are hereby informed that Considering importance of Mathematics in Government Exams like *Talathi*, *MPSC Rajyaseva*, *MPSC Combine*, *UPSC*, *Banking etc.* and *Entrance exams like CET for Law, MBA, MSW etc.* the Department of Mathematics is starting a **Certificate Course for competitive exams(Quantitative Aptitude and Numerical Ability)** from September 2021.

Enrolment for the above course should be done on or before 3<sup>rd</sup> September 2021 through the Google form link given below.

For the payment of Course Fee Rs. 200/- payment link will be provided after the completion of registration process.

After successful completion of the course, participants will get certificate from the college.

**Google form link for the Registration:**

<https://forms.gle/EPpGEk8DMhoqnr4i6>



**Mrs. Dipali Mali**

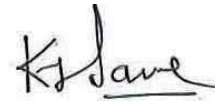
Head & Course coordinator

Dept. of Mathematics



**Prof. Mahesh Deshmukh**

(IQAC coordinator)



**PRINCIPAL**  
Sonopani, **Dr. Kiran J. Sane College,**  
V.S. Apte Commerce College &  
M.H. Mehta Science College  
PALGHAR (W.R.)  
Dist. Palghar, Pin-401404

## Brochure



Sonopant Dandekar Shikshan Mandali's  
Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College  
Palghar, Kharekuran Rd. Palghar, Dist. Palghar, 401404.

### CERTIFICATE COURSE FOR COMPETITIVE EXAMS QUANTITATIVE APTITUDE & NUMERICAL ABILITY ORGANISED BY DEPARTMENT OF MATHEMATICS

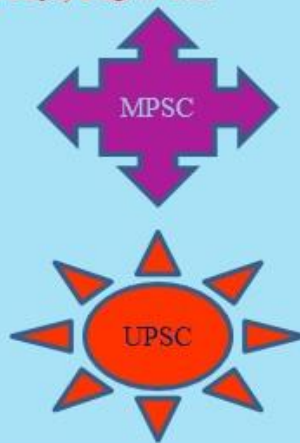
#### AIM & USE:

The main objective of the course is to prepare students for quantitative aptitude and numerical ability for *government exams like MPSC, Talathi, UPSC, Banking etc. and entrance exams like CET for Law, MBA, MSW etc.*



#### ELIGIBILITY:

- Minimum HSC passed from any stream.
- Degree students of Arts/Commerce/Science/IT/BMS.



#### LINK FOR REGISTRATION:

<https://forms.gle/EPpGEk8DMhoqnr4i6>

#### SYLLABUS MODULES:

1. Number System, Square & Square Roots, Cube and Cubic Roots, Decimal System.
2. Numerical Series, Profit and Loss, Time and Work, Time and Speed.
3. Addition, Subtraction, Multiplication and Division, LCM and HCF.
4. Simple Interest and Compound Interest, Percentage, Average
5. Area of Cube, Cuboids, Triangle, Rectangle, Square, Sphere and Circle
6. Mixture, Problem on Age, Simplification, Permutation and Combination, Fractions.

ENQUIRY: Department of Mathematics,  
Sonopant Dandekar College,  
Email : [dipali.mali1@gmail.com](mailto:dipali.mali1@gmail.com)  
Contact Number :  
Prof. Dipali Mali :- 9049543079

COURSE DURATION : 3 months  
TOTAL SESSIONS : 40 Sessions  
(Each session of 1 hour)  
COURSE FEES : Rs.200/-

## Course Content

### CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS

#### QUANTITATIVE APTITUDE AND NUMERICAL ABILITY

Programme	Quantitive Aptitude and Numerical Ability
<b>Objectives</b>	<p>The main objective of this course is to prepare the students for the Quantitive Aptitude and Numerical Ability for the competitive exams like Talathi, MPSC Rajyaseva and MPSC combine ,UPSC, Banking etc. and entrance exams like Law CET, MBA CET, MSWCET etc.</p> <ol style="list-style-type: none"> <li>1. To impart the students with the knowledge of Mathematics starting from basic required for the competitive exams.</li> <li>2. Recognize the importance and value of Mathematical thinking and approach to problem solving.</li> <li>3. To develop knowledge and understanding of simple tricks to solve Mathematical problems in a given time limit.</li> <li>4. To make students aware of competitive exams and to develop positive attitude towards Mathematics as an interesting subject.</li> <li>5. Be life-long learners who are able to expand independently their Mathematical expertise when needed.</li> </ol>
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<b>Syllabus Committee</b>	<ul style="list-style-type: none"> <li>• Mrs.Dipali Mali (Course coordinator)</li> <li>• Mr. Gulab Ramesh Deore (Guest lecturer, @successacademynashik)</li> <li>• Mrs. Shirin Hadiya (Assistant professor, Mathematics Dept.)</li> <li>• Ms. Nidhi Mali (Assistant professor, Mathematics Dept.)</li> </ul>
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## Course Syllabus

### CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS

	Contents	No. of Sessions (Each session is of 1 hour)
<b>Course Content</b>	Addition	02
	Subtraction	01
	Multiplication	02
	Division	02
	Square and Square roots	02
	Cube and Cube roots	02
	LCM & HCF	02
	Fractions	02
	Decimal System	01
	Decimal Fraction	02
	Number System	01
	Simplification	01
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## List of the Students Enrolled

Sr.No.	Name of the student
1	Chetana K. Lahane
2	Sarangee S. Gharat
3	Vijaylaxmi U. Tiwari
4	Geeta P. Suthar
5	Dipti R. Gharat
6	Sarika S. Vanga
7	Swapnil N. Guroda
8	Jasbir Kaur
9	SanjanaJha



**(Mrs. Dipali Mali)**

HOD, Dept. of Mathematics  
Sonopant Dandekar College,  
Palghar



**Attendance**



Sonopant Dandekar Shikshan Mandali's  
**SONOPANT DANDEKAR ARTS, V.SAPTE COMMERCE  
 AND M.H.MEHTA SCIENCE COLLEGE,**  
 Palghar, Dist- Palghar, Pin- 401 404.

**CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS**

GUEST LECTURE 04/09/2021

Attendance of students Time : 5:00 - 6:30 PM.

Sr. No.	Name of student /Date	04/09/2021 5:00-6:30																
1	GANESH SHIR	Present																
2	CHETANA LHAMNE	Absent																
3	SARANGEE GHBHARAT	Absent																
4	Vijaylaxmi GHBHARAT	Present																
5	Geeta P. Jadhav	Absent																
6	Dipti R. Ghate	Absent																
7	Saika S. Vanga	Absent																
8	Jasvi Kaur	Present																
9	Udayani N. Gode	Absent																
10																		



DIPALI PHUL

Sonopant Dandekar Shiksha Mandali's  
SONOPANT DANDEKAR ARTS, V.SAPTE COMMERCE  
AND M.H.MEHTA SCIENCE COLLEGE,  
Palghar, Dist- Palghar, Pin- 401 404.

LECTURE ATTENDANCE

**CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS**

**Attendance of students**

Sr. No.	Name of student /Date	03/09/2021 12.00-1.00 (1L)	18/09/2021 4.00-6.00 (2L)	19/09/2021 10.00-12.00 (2L)	25/09/2021 3.45-5.45 (2L)	26/09/2021 9.45-11.45 (2L)	03/10/2021 9.30-12.30 (3L)	28/10/2021 3.30-5.30 (2L)	31/10/2021 3.30-5.30 (2L)	23/02/2022 12.00-2.00 (2L)	02/03/2022 11.45-1.45 (2L)
1	Satish S.M.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	CHETANA LAHNE	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
3	SARANGE GHARAT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Vijay / oam / shree	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
5	Greeta P. Sutar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Dipti R. Gharat	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	Saika S. Vanga	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	Jasbi Kaur	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	Suagnii N. Gonde	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
10											



SHIKSHAN MANDALI

Sonopant Dandekar Shiksha Mandali's  
SONOPANT DANDEKAR ARTS, V.SAPTE COMMERCE  
AND M.H.MEHTA SCIENCE COLLEGE,  
Palghar, Dist- Palghar, Pin- 401 404.

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**CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS**

Lecture Attendance.

**Attendance of students**

Sr. No.	Name of student /Date	2021	2021	2021	2021	2021	2021	2021	2022	2022	
1	Chetana K. Larkhane (SYBcom)	10/09/2021 04:00 pm to 06:00 pm ② Lect	10/10/2021 09:45 am to 11:45 am ② Lect	16/10/2021 4:30 pm to 06:30 pm ②	17/10/2021 10:00 am to 12:00 pm ②	17/10/2021 4:00 pm to 06:00 pm ②	28/11/2021 11:00 am to 01:00 pm ②	04/12/2021 04:30 to 06:30 pm ②	05/12/2021 09:51 am to 11:15 am ②	01/02/2022 03:00 pm to 05:00 pm ②	02/02/2022 02:00 pm to 04:00 pm ②
2	SHRANGEE GHARAT (SYBSC PC)	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat
3	Nityajyoti Tibart (MBAem - A)	Miwari	Miwari	Miwari	Miwari	Miwari	Miwari	Miwari	Miwari	Miwari	Miwari
4	Geeta P. Suthar	Guthor	Guthor	Guthor	Guthor	Guthor	Guthor	Guthor	Guthor	Guthor	Guthor
5	DIPHI R. GHARAT (MBAem - B)	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat
6	SaariKa s. Vanga	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi
7	Sudipul N. Gurodga	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar
8	Jasbir Kaur	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar
9	Sanjayana Ghos	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar
10	Dnyanavakshi	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar	Ravadar

By:- Shivur Ismail Hadige





SHIRIN HADIGA

Sonopant Dandekar Shikshan Mandali's  
SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE  
AND M.H.MEHTA SCIENCE COLLEGE,  
Palghar, Dist- Palghar, Pin- 401 404.

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CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS

Attendance of students

Sr. No.	Name of student /Date	02/20/22	03/20/22															
1	Chetana Lakare (SYBcom)	Ud P 00:50	Ud P 05:11															
2	Satamgee Gharat (SYBsc)	Gharat	Gharat															
3	Nujaladmi Tiwari (SYBcom-DWA)	K Tiwari	K Tiwari															
4	Geeta P. Sathar (SYBcom-w)	Gharat	Gharat															
5	Dipti R. Gharat (SYBcom B)	Gharat	Gharat															
6	Saika S. Vargha (SYBsc Maths)	Fedavi	Fedavi															
7	Susmitha Gurrodra (SYBsc B)	Riceady	Riceady															
8	Jadhav Kaus (SYBcom-A)	Kaus	Kaus															
9	Sanjana Jha (SYBcom-w)	Sanjana	Sanjana															
10																		

By:- Shirin Ismail Hadiga



Sonopant Dandekar Shikshan Mandal's  
 SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE  
 AND M.H.MEHTA SCIENCE COLLEGE,  
 Palghar, Dist- Palghar, Pin- 401 404.

**CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS**

**Attendance of students**

Sr. No.	Name of student /Date	Attendance									
		2 lectures	2 lectures	2 lectures	2 lectures	2 lectures	2 lectures	2 lectures	2 lectures	2 lectures	2 lectures
1	Chetana K. Lahare	12/10/21 9:00 am to 11:00 am	19/12/21 8:00 am to 10:00 am	26/12/21 8:30 am to 10:30 am	26/01/21 3:00 pm to 5:00 pm	9/02/22 3:00 pm to 5:00 pm	10/02/22 3:00 pm to 5:00 pm	17/02/22 3:00 pm to 5:00 pm	5/03/22 12:00 pm to 2 pm	7/03/22 11:50 am to 1:50 pm	
2	Bavangee Ghavate	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	
3	Vijaylaxmi Tulsani	Khivani	Khivani	Khivani	Khivani	Khivani	Khivani	Khivani	Khivani	Khivani	
4	Geeta P. Gadhare	Gadhare	Gadhare	Gadhare	Gadhare	Gadhare	Gadhare	Gadhare	Gadhare	Gadhare	
5	Dipti R. Ghavate	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	Gharat	
6	Bavika S. Varga	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	Kadavi	
7	Suvarnil N. Gusada	Kusada	Kusada	Kusada	Kusada	Kusada	Kusada	Kusada	Kusada	Kusada	
8	Tasbieh Kaus	Kaus	Kaus	Kaus	Kaus	Kaus	Kaus	Kaus	Kaus	Kaus	
9	Sanjana Tha	Sanjant	Sanjant	Sanjant	Sanjant	Sanjant	Sanjant	Sanjant	Sanjant	Sanjant	
10											



Sonopant Dandekar Shiksha Mandali's  
SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE  
AND M.H.MEHTA SCIENCE COLLEGE,  
Palghar, Dist- Palghar, Pin- 401 404.

19-08-22

### CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE EXAMS

#### Attendance of students

Exam Attendance.

Sr. No.	Name of student /Date	19-08-22																		
1	CHEPRAN. K. LAHANE	19-08-22 11:45-1:00																		
2	SARANGDEES. GHARAT																			
3	Vijaylaxmi. U. Tiwari																			
4	Geeta P. Suthar.																			
5	Dipti R. Gharat																			
6	Santika. S. Vanga																			
7	Sangmit. N. Garvada																			
8	Toabiv kaur																			
9	Sonam shi.																			
10																				



**CERTIFICATE COURSE IN MATHEMATICS FOR COMPETITIVE  
EXAMS**

**QUANTITATIVE APTITUDE AND NUMERICAL ABILITY**

<b>Sr. No.</b>	<b>Contents</b>	<b>Name of the Faculty</b>	<b>Date</b>	<b>No. of Sessions (Each session is of 1 hour)</b>
1	Addition	Dipali Mali	18-09-2021	02
2	Subtraction	Dipali Mali	19-09-2021	01
3	Multiplication	Dipali Mali	19-09-2021 & 25-09-2021	02
4	Division	Dipali Mali	26-09-2021	02
5	Square and Square roots	Dipali Mali	03-10-2021	02
6	Cube and Cube roots	Dipali Mali	03-10-2021	01
7	LCM & HCF	Shirin Hadiya	09-10-2021 & 10-10-2021	02
8	Fractions	Shirin Hadiya	16-10-2021	02
9	Decimal System	Shirin Hadiya	17-10-2021	01
10	Decimal Fraction	Shirin Hadiya	27-11-2021	02
11	Number System	Shirin Hadiya	28-11-2021	01
12	Simplification	Shirin Hadiya	04-12-2021	01
13	Percentage	Shirin Hadiya	05-12-2021	02
14	Average	Nidhi Mali	12-11-2021	02
15	Problems on Age	Nidhi Mali	19-12-2021 & 26-12-2021	02
16	Profit & Loss	Nidhi Mali	26-01-2022	02
17	Simple interest & Compound interest	Nidhi Mali	10-02-2022 & 17-02-2022	02
18	Time & Work	Dipali Mali	28-01-2022 &	02

			31-01-2022	
19	Time & Speed	Shirin Hadiya	01-02-2022 & 02-02-2022	02
20	Area of cube, cuboids, triangle, rectangle, square, sphere and circle	Dipali Mali	23-02-2022	02
21	Mixture	Dipali Mali	31-01-2022	01
22	Numerical series	Shirin Hadiya & Nidhi Mali	08-02-2022 & 09-02-2022	02
<b>Total Number of Session</b>				<b>40</b>

# Certificate

**Sonopant Dandekar Shikshan Mandali's**  
**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND M.H.MEHTA SCIENCE COLLEGE,**  
Palghar, Dist-Palghar, Pin- 401 404.  
Code No. 02525- 252163, Prin.: 252317. Resi.: 252316  
Post Box No.: 02, E-mail: sdscollege@yahoo.com  
(Best College Awarded by University of Mumbai & Amongst Top 100 Colleges in India by "India Today-MDRA Survey 2019 & 2020)

**CERTIFICATE**

This is to certify that Mr./Miss. **Chetana K. Lakane** has successfully completed **Certificate Course in Mathematics for Competitive Exams** organized by Department of Mathematics, Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta Science College, Palghar during **3<sup>rd</sup> September, 2021 to 19<sup>th</sup> March, 2022.**

  
  
**(Mrs. Dipali Mali)**  
HOD, Dept. of Mathematics  
Sonopant Dandekar College, Palghar

  
**(Prof. Mahesh Deshmukh)**  
IQAC Co-ordinator  
Sonopant Dandekar College, Palghar

  
**(Dr. Kiran J. Save)**  
Principal  
Sonopant Dandekar College, Palghar

**Sonopant Dandekar Shikshan Mandali's**  
**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND M.H.MEHTA SCIENCE COLLEGE,**  
Palghar, Dist-Palghar, Pin- 401 404.  
Code No. 02525- 252163, Prin.: 252317. Resi.: 252316  
Post Box No.: 02, E-mail: sdscollege@yahoo.com  
(Best College Awarded by University of Mumbai & Amongst Top 100 Colleges in India by "India Today-MDRA Survey 2019 & 2020)

**CERTIFICATE**

This is to certify that Mr./Miss. **Dipti R. Gharat** has successfully completed **Certificate Course in Mathematics for Competitive Exams** organized by Department of Mathematics, Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta Science College, Palghar during **3<sup>rd</sup> September, 2021 to 19<sup>th</sup> March, 2022.**

  
  
**(Mrs. Dipali Mali)**  
HOD, Dept. of Mathematics  
Sonopant Dandekar College, Palghar

  
**(Prof. Mahesh Deshmukh)**  
IQAC Co-ordinator  
Sonopant Dandekar College, Palghar

  
**(Dr. Kiran J. Save)**  
Principal  
Sonopant Dandekar College, Palghar

## Report

The Certificate Course in Mathematical Concepts for Competitive Exams provided a comprehensive overview of essential mathematical concepts crucial for competitive exams. The course covered key topics such as number systems, arithmetic, algebra, geometry, and data interpretation through a combination of lectures, tutorials, and hands-on practical exercises. Emphasis was placed on enhancing problem-solving skills, speed, and accuracy.

### Course Structure

- **Duration:** 45 hours
- **Format:** Lectures, discussions, case studies, tests
- **Date of Commencement:** 18/09/2021
- **Date of Completion:** 23/02/2022

### Assessment Methods

- **Theory Exam:** 60 Marks (30 questions, 2 marks each)
- **Assignment Work:** 40 Marks

A total of 9 students successfully completed the course. The assessment included quizzes, theory exams, and assignments to ensure continuous learning and improvement.



**(Mrs. Dipali Mali)**

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