

VIVEKANAND COLLEGE, KOLHAPUR

(Empowered AUTONOMOUS)

DEPARTMENT OF MATHEMATICS

Value Added Course (2023-24)

Notice

All the Second and Third year students of B.Sc./ B.Com./B.A. are informed that Department of Mathematics has introduced value added course entitled "Mathematics for Competitive exam" for the academic year 2023-24. This course will help the student to compete various competitive exam. So interested students Contact to the department of mathematics before 20/10/2023.

Co-ordinator: Mr. G. B. Kolhe.

Contact : 9404184405

h Thorat
(Prof. S. P. Thorat)
HEAD
Department of Mathematics
Vivekanand College, Kolhapur

Pee
(Prin. Dr. R.R. Kumbhar)
PRINCIPAL
Vivekanand College
Kolhapur

B.Sc. II & III B.Sc. - II & III - Electronics B.Sc. II Botany - <u>Gangotri</u> B.Sc. II - 2004 <u>Ph</u> B.Sc. II, III (Comp) <u>Y</u> B.Sc. II & III <u>SI</u> B.Sc. II, III stat <u>ABhor</u>	B.A. II & III B.A. II & III Geography <u>Vijay</u> B.A. II and III Home Science <u>Y</u> B.A. II & III History <u>Arhande</u> Marathi - <u>Manj</u> B.Sc. II Micro - <u>Su</u>	B.Com. II & III <u>Prabhu</u> 14/10/2023
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Vivekanand College Kolhapur(Autonomous)

DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSE

Mathematics for Competitive Examinations

(for the UG Final year students of academic year 2022-2023)

Course Code:

Course Duration: 30 Hours

Syllabus

UNIT I	6 Hours
Number System, H.C.F and L.C.M of Rational Numbers, Decimal Fractions. Simplification of Square Roots and Cube Roots.	
UNIT II	6 Hours
Average's percentages, Profit & loss, Ratio & proportion, Partnership.	
UNIT III	6 Hours
Time & distance, Time & work, Work & wages	
UNIT IV	6 Hours
Simple interest & Compound interest	
UNIT V	6 Hours
Arithmetical Reasoning, Inserting the missing character, Problems on Ages, Mathematical puzzle's & patterns	

Books for Reference:

1. Quantitative Aptitude by R.S. Agarwal, Sultan Chand and Company Ltd, NewDelhi,2012
2. Quantitative Aptitude for Competitive Examinations by Abhijit Guha, McGraw HillEducation,2011.

Course Outcomes:

1. To nurture the fundamental Mathematical skills for preparing and cracking competitive examination.
2. To Ignite the problem solving ability of the students.





Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Autonomous)
Department of Mathematics

CRASH COURSE ON
MATHEMATICS
FOR COMPETITIVE EXAMINATION

 Beginner Course

 30 hours

 Highly Qualified and Skilled Staff

Key Highlights



THIS COURSE IS DESIGNED TO INTRODUCE THE BASIC CONCEPTS OF MATHEMATICS USED IN COMPETATIVE EXAMINATIONS.



NO PREVIOUS EXPOSURE TO MATHEMATICS IS NEEDED.



BY THE END OF THIS COURSE STUDENT WILL BE ABLE TO SOLVE COMPLEX MATHEMATICAL PROBLEMS.

For more information Contact



Prof. S. P. Thorat (Co-ordinator)

Mr. G. B. Kolhe (Co-ordinator)+91-9404184405

Miss. S. M. Malavi +91-9421212977



Department of Mathematics
Vivekanand College, Kolhapur (Autonomous)
E-Ward, Tarabai Park, Kolhapur - 416003 (MS)