Mahatma Gandhi Vidyamandir's
Arts, Science and Commerce College Manmad
Affiliated to Savitribai Phule Pune University, Pune
Reaccredited by NAAC with 'A' Grade

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Report on

National Webinar on the Scope of Mathematics and Physics

(Organized by Department of Mathematics and Department of Physics,
Mahatma Gandhi Vidyamandir's Arts, Science and Commerce College Manmad)

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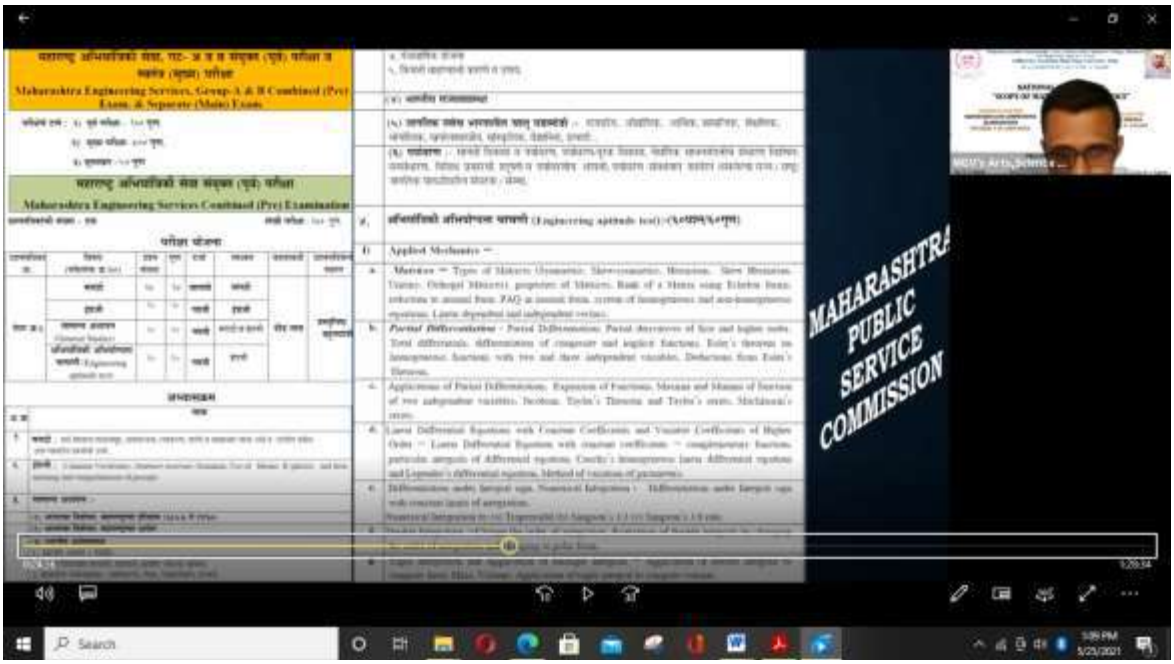
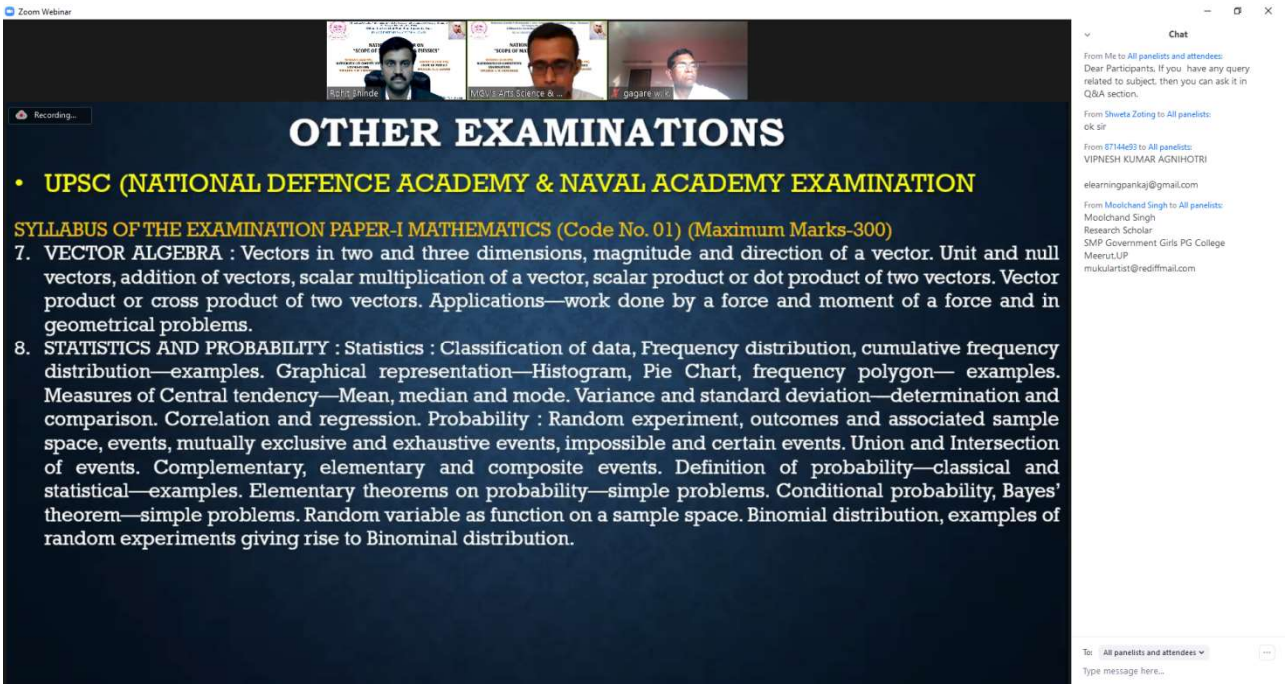
Department of Mathematics, Mahatma Gandhi Vidyamandir's Arts, Science and Commerce College Manmad in collaboration with *Department of Physics* has been organized a "National Webinar on the Scope of Mathematics and Physics" on 23rd November 2020. The objective of webinar was to make awareness among the participants about different types of competitive examinations. The webinar had two sessions. The first session was taken by Prof. S. M. Chinchole. He explained eligibility, syllabus, and duration of advertisement and format of question paper of different competitive examinations. He also explained the scope of Mathematics in the syllabi of different competitive examinations.

The second session was taken by Prof. W. K. Gagare. He explained the different topics in Physics that are useful for the preparation for different competitive examinations. About 60 participants among teachers and students in India have participated in the same..

Some photo clicks of this programme are pasted as below:




Zoom Webinar
Rohit Jaiinde
MGVU Arts Science & ...
gagare w i c
Recording...
OTHER EXAMINATIONS
• UPSC (NATIONAL DEFENCE ACADEMY & NAVAL ACADEMY EXAMINATION
SYLLABUS OF THE EXAMINATION PAPER-I MATHEMATICS (Code No. 01) (Maximum Marks-300)
7. VECTOR ALGEBRA : Vectors in two and three dimensions, magnitude and direction of a vector. Unit and null vectors, addition of vectors, scalar multiplication of a vector, scalar product or dot product of two vectors. Vector product or cross product of two vectors. Applications—work done by a force and moment of a force and in geometrical problems.
8. STATISTICS AND PROBABILITY : Statistics : Classification of data, Frequency distribution, cumulative frequency distribution—examples. Graphical representation—Histogram, Pie Chart, frequency polygon— examples. Measures of Central tendency—Mean, median and mode. Variance and standard deviation—determination and comparison. Correlation and regression. Probability : Random experiment, outcomes and associated sample space, events, mutually exclusive and exhaustive events, impossible and certain events. Union and Intersection of events. Complementary, elementary and composite events. Definition of probability—classical and statistical—examples. Elementary theorems on probability—simple problems. Conditional probability, Bayes' theorem—simple problems. Random variable as function on a sample space. Binomial distribution, examples of random experiments giving rise to Binominal distribution.
Chat
From Me to All panelists and attendees:
Dear Participants, If you have any query related to subject, then you can ask it in Q&A section.
From Shweta Zoting to All panelists:
ok sir
From 87144e93 to All panelists:
VIPNESH KUMAR AGNIHOTRI
elearningpankaj@gmail.com
From Moolchand Singh to All panelists:
Moolchand Singh
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mukulartist@rediffmail.com
To: All panelists and attendees
Type message here...