

REPORT OF WEBINAR

Mobile Apps for Teaching Learning in Mathematics

Organized by

Department of Mathematics

**ADARSH MAHAVIDYALAYA,
OMERGA**



SSPM'S

ADARSH MAHAVIDYALAYA, OMERGA

Tal. Omerga, Dist. Osmanabad

NAAC Accredited with 'B' Grade (2.92 CGPA) Affiliated to
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

STATE LEVEL WEBINAR

Organized By IQAC and Department of Mathematics, Adarsh Mahavidyalaya, Omerga, Dist. Osmanabad

“ Mobile Apps for Teaching-Learning in Mathematics.”



Dr. Jagdish A. Nanaware

Associate Professor & Director-Research Center Department of PG
Studies & Research in Mathematics

Shrikrishna Mahavidyalaya, Gunjoti- 413 606 Dist. Osmanabad (M.S)

INDIA Executive Editor-Bulletin of MMS

Member : BoS, Faculty of S&T (Dr. B. A. Marathwada University)

Member : IACSIT, ISCA, IMS, RMS, MMS

Friday
12 February
2021
Time:
11:30PM

Dr. Garud D.P.
(Principal)

Prof. Reddy S.G.
(Organizing Secretary)

Prof. Kulkarni S.S.
(Co- Organizing Secretary)

Dr. Mali S.B
(IQAC Coordinator)

Dr. Mothe P.S.
(Webinar Coordinator)

The department of Mathematics was established in 1990. The department has Two faculty members. **Prof. Reddy.S.G.** has been working as the Head of the Department and **Prof. Kulkarni.S.S.** has been working as Professor. All the two faculty of the department are PG recognized teachers.

WEBINAR ON

Mobile Apps for Teaching Learning in Mathematics

(12th Feb 2021)

Department of Mathematics Successfully organized a webinar on Mobile Apps for Teaching Learning in Mathematics on 12th Feb 2021. The guest speaker for the session was **Dr. Nanaware J.A.** a well-known Associate Professor, Shri Krishna Mahavidyalay Gunjoti, District Osmanabad. & It was a very informative webinar as **Dr. Nanaware J.A.** enlightened the audience with a wide range of topics such as Mobile Apps for Teaching Learning in Mathematics, Access anywhere & anytime, covers a huge distance, variety of content, encourages students, test your knowledge etc. The webinar began with a word of appreciation by the respected Principal, Prof. Dr. Dilip Garud Sir . The session saw an overwhelming response from PG, UG students of the department. A total of 145 participants including students and faculty, participated in the session.

Theme of the Webinar

We have been dwelling in the postmodern age which is also known as the era of computer, higher education and we have been finding a great competition in every arena of life. Today, the world we see is of science, new inventions and competitions to excel over the other. As far as Mathematics is one of the most important topics in the field of education, where students develop the ability to think, solve problems, and develop the skills of arithmetic and engineering principles, analysis, induction, and the use of mathematical rules in various areas of knowledge, such as trade, technology, engineering and other natural sciences. Nanotechnology is being used in a range of energy areas—to improve the efficiency and cost-effectiveness of solar panels, create new kinds of batteries, improve the efficiency of fuel production using better catalysis, and create better lighting systems.

Faculty & Contribution:

S.r. No	Faculty Name	Contribution
1	Dr. Garud D.P.	Principal
2	Prof. Reddy S.G.	Organizing secretary
3	Prof. Kulkarni.S.S.	Co-Organizing secretary
5	Dr. Mote P.S.	Webinar coordinator
6	Dr. Mali S.B.	IQAC Coordinator

Principal's Address

Respected Resource person Dr.J.A.Nanaware Sir, Organized by Head of Mathematics Department Reddy S.G , Mr Kulkarni S S , Dear Academicians and research scholars from all over State First, I need to congratulate Department of Mathematics for organizing State level webinar on **Mobile Apps for Teaching Learning in Mathematics.**

I warmly welcome all of you virtually in the State level webinar on Mobile Apps for Teaching Learning in Mathematics. Let me introduce SSPMO's Adarsh College, Omerga .

I simply feel proud to state that recently we have successfully gone through the process of NAAC Re accreditation (IInd Cycle) and got the 'B' Grade with 2.92 CGPA.

In addition to this last year we have successfully organized UGC sponsored five **seminars and conferences** of Physics, Chemistry, Botany, English and Political science. We also have been awarded by the State Government of Maharashtra's Jagar Janiwancha District Level IInd Award.

We have been trying our level best to be the part of Global Education. Hence, recently we have started the PG Courses like M.Sc. (Comp. Sci), M.sc.(Micro-Bio) whereas we already have M.Sc. (Botany), M.Sc. (Mathematics), M.Sc. (Zoology) and M.A. (His). Apart from it, to motivate the students and make them familiar with the real plight of higher education and its importance we conduct

various competitions in our college, such as speech competition, debate, poetry reading, tests on current knowledge, etc. and make the students involve in it.

Recently, we have been granted some schemes by UGC. I am quite sure that these schemes will play a vital role in building up the students' career and boosting up their confidence.

Prof. Reddy.S.G Address

Good afternoon one and all,

Respected Resource person Dr.J.A.Nanaware Sir, Principal Dr.D. P.Garud Sir, my colleague and friend Mr Kulkarni S S , Dear Academicians and research scholars from all over State

I hearty welcome all of you in State level webinar on Mobile Apps for Teaching Learning in Mathematics.

I will say few words about the theme of the WEBINAR.

Mobile learning is very popular and in the past few years, its use has increased extensively. Mentioned below are 5 advantages of mobile learning and why it should be used:

1. **Access anywhere and anytime**

Since mobile learning is all about studying through mobile using the internet, it can be accessed from anywhere in the world and anytime.

2. **Covers a huge distance**

The main benefit of mobile learning is that it covers a huge distance, so even if you are in Canberra, Australia or in California, United States of America, you can access the same content or tests at the same or different times.

Distance is not an issue in mobile learning.

3. **Variety of content**

A lot of content is present online. Due to its huge variety, it becomes very easy for people to access it; and also, a huge amount of people from different corners of the world can access it for different topics or related to different subjects.

4. Encourages students

There are many educational apps that use online quizzes to keep track of your progress (daily, weekly or monthly, depending on firm to firm). The study is presented in such a way that it attracts the students; hence, there are game quizzes that encourage students to perform better from their previous score.

5. Tests your knowledge

As discussed in the above point, online quizzes are made and solving these quizzes, puzzles or riddles helps you expand your knowledge. Apart from just study material, there are different types of other quizzes, puzzles, multiple-choice questions, etc. that are available on the internet; playing these games you can test your knowledge and even increase your IQ level.

Close Participants (41)

- S santosh
- S Saraswati Swami
- Shailesh Lakade
- ST Shanamma trigule
- SA Shriname Anita
- SS sonkamble somnath bhimrao
- S Sunil
- S Suwarna Burhan
- TW Tanoja Wakde
- Vaishali Shelke
- VN Vidyadhar Nalawade
- MF Mohini Fulsundar

Invite

Close Participants (41)

- M Munshi
- NM Neha mujawar
- PM Pallavi Mule
- PM Prof Mali S B
- RV RAJ VALSANGE
- RS Ram Solankar
- SJ Sanjay jadhav 9604965843
- S santosh
- S Saraswati Swami
- Shailesh Lakade
- ST Shanamma trigule
- SA Shriname Anita

Invite

Close Participants (41)

- DV Deshpande Vedant Dhondopant
 - Dr.Salunke Sanjiv M.
 - S Dr.Suresh Kulkarni
 - DD Dr.Uday Dindore
 - GA Gaikwad A.C.
 - JG Jyoti Gaikwad
 - k kalpana rathod
 - KS kashinath Shesherao Mane
 - KS Kulkarni Sharad Shamrao
 - LB Laxman Birajdar
 - Laxmi Pawar
 - MW Manisha waghmare
- Invite

Close Participants (41)

- Search
- RS Reddy Shirish (me)
 - G Adarsh Mahavidyalaya (Host)
 - JN Jagdish Nanaware
 - AS Anisha Shinde
 - AJ Ashwini jagdale
 - A Asif
 - BY Bhagyashri Yenegure
 - B Bhushan Todmal
 - d daivata gambhire
 - Dattu Suryawanshi
 - DV Deshpande Vedant Dhondopant
- Invite

Mathematics

- Formulas
- Solve equations
- Plot functions
- Derivative/integration of functions
- Maxima/minima or inflection points

Participants:

- Adarsh Mahavidyalaya
- Jagdish Nanavare
- Dr.Uday Dindore
- Dr.Uday Dindore
- Chaitanya Jamadar
- Chaitanya Jamadar

0:25:49

Start

Activate Windows
Go to Settings to activate Windows...

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0:05:30


Dr.Suresh Kulkarni

Activate Windows
Go to Settings to activate Windows...

1:01:22

←

Mathematics



- Formulas
- Solve equations
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0:25:49

Start

Activate Windows
Go to Settings to activate Windows.


0:41:03

Dr. Uday Dindore

Chaitanya Jamadar

←

Photomath



- Uses smartphone's/tablet camera to scan and recognize equations
- Step-by step explanation on screen
- Various methods/ multi approach
- Free on Android and iOS
- Developed by Microblink in 2014
- (2016) App recognizing handwriting in addition to printed text
- Scan textbooks, worksheets, notes etc.
- More than One Million teachers use Photomath

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Activate Windows
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Dr. Uday Dindore

Chaitanya Jamadar

Registration Link

Here's the link to the file:

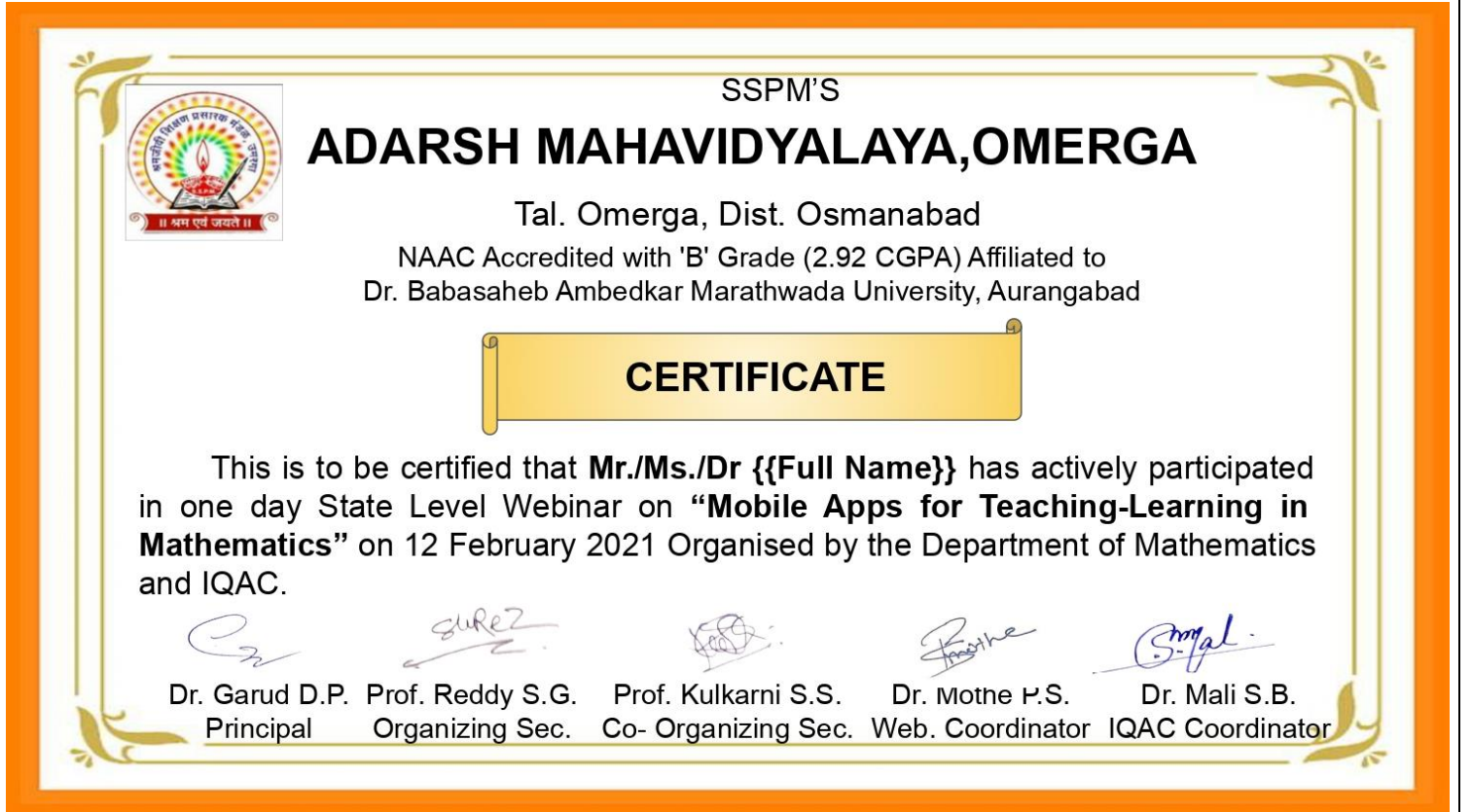
<https://in.docworkspace.com/d/sICOO2eBG1am4nwY>

Feedback (responses)

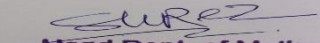
Here's the link to the file:

https://docs.google.com/spreadsheets/d/1fvgAer3ueMKZZQw8TP5pwTCILucqZgCK/edit?usp=share_link&ouid=116230127149010606841&rtpof=true&sd=true

Certificate of webinar




PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)


Head Dept. of Maths
Adarash College,
Omerga.