

Dr.AMBEDKAR GOVERNMENT ARTS COLLEGE,VYASARPADI, CHENNAI-600 039.
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

EVENT NAME: WEBINAR ON ENHANCEMENT OF MATHEMATICAL EDUCATION USING SAGEMATH

Event location: Zoom meeting.

Number of Resource Persons : Two.

Date : 17.06.2020 (one day)

Time : 10.00 am to 12.30 Pm.

Number of participants : 115 from various Colleges Students , faculties in Chennai and from various cities in India.

The PG and Research Department of Mathematics organized the webinar on Enhancement of mathematical education using SAGE MATH. In this webinar we have two resource persons.

Dr.S.DHANSEKAR., M.Sc., M.Phil.,Ph.D., Assistant professor of Mathematics,VIT Chennai Campus. He has two decades of teaching experiences in Arts &Science college and Engineering College. He published more than 35 articles in reputed journals and delivered more than 10 invited talks in the workshops and conferences.

Dr.V.PARTHBAN M.Sc.,Ph.D., Assistant professor of Mathematics, VIT Chennai Campus. He has 10 years of teaching experience in Engineering College. He published more than 10 articles in reputed journals. He also delivered more than 20 invited talks in the workshop and the conferences and excelled in all programming languages, mathematical tools such as Maple, Matlab, R, Mathematica, scilab and so on.

SAGEMATH is an open source mathematical software system based on the python language. SAGE(System for Algebra and Geometry Experimentation) is freely available and is supported by all modern operating system. Sage provides the most recent algorithms and tools for many domains of mathematics. Sage provides a wonderful scientific and graphical calculator. It is efficiently supports Under graduate, post graduate and research students in their computations in analysis, Linear Algebra, Calculus etc. If you can visualize it, then it will help us to understand more about it. To visualize the concepts we need softwares. SAGEMATH software helps to enhance the mathematical teaching. In this workshop Dr.S.Dhanasekar taught about plotting of curves and surfaces. That will help us to understand the nature of the surfaces and curves. Also he explained the ways of input matrices and manipulate it . We know that matrices are basis for linear algebra and Linear Algebra techniques are used in Data Analytics. Dr.V.Parthiban talked about basic of multivariable calculus (Partial Differentiation, Multiple integral). This will help us to understand multivariable calculus easily. He also showed different methods of solving differential equations. Overall this workshop is designed to have a basic understanding of SAGEMATH software and ways to enhance the teaching skills of teachers in mathematics education. The participants felt that the workshop was nice and informative. From their feed back it is noted that the workshop served the purposes.



Dr. Ambedkar Government Arts College
(Autonomous)
Vyasarpadi, Chennai - 600 039
Tamil Nadu, India.
Affiliated to University of Madras and
Re-Accredited by NAAC with 'B' Grade



PG and Research
Department of Mathematics

Organises

WEBINAR
ON
ENHANCEMENT OF MATHEMATICAL EDUCATION USING
SAGE MATH

Date : 17 June 2020

Time : 10 AM – 12.30 PM

Registration Link. (Registration Free)
<https://forms.gle/xvHfAuUX9njQ63eC9>

Zoom Link. (No. of participants is limited)
<https://us02web.zoom.us/j/82477967276?pwd=NINpamltdFZoY3RmemVMd2l6Q3ZVUT09>
Meeting ID: 824 7796 7276
Password: sagemath

E – Certificates will be given on submitting the feed back form

RESOURCE PERSONS



Dr S. Dhanasekar
School of Advanced Sciences
Vellore Institute of Technology Chennai
Campus
Chennai – 600 127.



Dr V. Parthiban
School of Advanced Sciences
Vellore Institute of Technology Chennai
Campus
Chennai – 600 127.

Mr. M. K. PURUSHOTHKUMAR
M.Sc., M.Phil
Organising Secretary

Dr. A. SAROJINI
M.Sc., M.Phil., PGDCA., Ph.D.
Head of the Department

Dr. P. SRINIVASAN
M.A., M.A. (Phil.), M.Phil., Ph.D.
Principal i/c

WELCOMING YOU ALL !

Feedbacks from the Participants.

02:22:14 Philo Mina: Very informative session where we are able to visualise the functions and very helpful for explanation. Thank you to resource persons.

02:22:17 EKAMBARAM K R: thank you

02:22:22 indhu: Thank u sir

02:22:26 DAGAC - MATHS: Feed back link

02:22:27 DAGAC - MATHS: <https://forms.gle/EZznyZzsQTjHj4kW7>

02:22:31 Kavitha k: informative session. thanks professors for nice presentation

02:22:53 Thulukkanam: Thank you all

02:23:29 jayashree: thank u sir

02:23:34 Rajendran: very useful session sir

02:23:35 dhilshath: could you please share your mail id sir

02:23:45 dhilshath: having doubt in downloading in windows

02:23:47 Ramani: very informative

02:23:52 dhanasekar: dhanasekar.sundaram@vit.ac.in

02:24:02 DAGAC - MATHS: parthiban.v@vit.ac.in

02:24:05 Dr. Ambedkar Govt. Arts College: more informative sir.

02:24:12 Radhapriya Santhanam: Thank you sir.nice presentation. will you please send the recorded video.

02:24:35 Ramani: A very big thanks to the organizers for the wonderful session

02:24:36 ELCOT: thank u sir

02:24:41 indhu: send me the fd link once more

02:25:06 Dr.S.Hemalatha:great intro to sagemath sir.. thank u organizers and resource persons

02:25:06 DAGAC - MATHS: <https://forms.gle/EZznyZzsQTjHj4kW7>

02:25:22 KAMALAKANNAN VITTAL DOSS: Thanks for the organizers

02:25:34 Perumal S: Thank you sir

02:25:40 Srinivasan R: Thank u

02:25:41 MATHS PROFESSOR: thank you sir

02:25:53 Shobana: thank you sir

02:26:01 Ramanathan: thank you all

02:26:09 MATHS PROFESSOR: feedback link sir

02:26:13 DAGAC - MATHS: <https://forms.gle/EZznyZzsQTjHj4kW7>

02:26:16 Yogalakshmi S: thank u sir

02:26:23 Dr.S.Hemalatha: please mail ppt and recorded video

02:26:30 Murugan M: thank you sir..

02:26:39 LAKSHMI K: thank you sir

02:26:54 Selvi.P.T: Thank you for giving such a useful and informative session

02:27:25 DAGAC - MATHS: <https://forms.gle/EZznyZzsQTjHj4kW7>

02:27:44 Dr. R.Hemavathy: thank you sir,

02:28:10 dhilshath: Thank you so much



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PG and Research Department of Mathematics

Certificate of Participation

This is to certify that

M.K.PURUSHOTHKUMAR

Assistant Professor

Dr.Ambedkar Govt.Arts College,Chennai-39

has attended the

**“Webinar on Enhancement of Mathematical Education using SAGEMATH”
organised by Department of Mathematics on 17 June 2020.**

**Organising Secretary
Mr. M.K. Purushothkumar**

**Head of the Department
Dr. A. Sarojini**

**Principal i/c
Dr. P. Srinivasan**