



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Mathematics

Event Title	Workshop on Mathematical Software(On-line)		
Objective of Event	<ul style="list-style-type: none">To understand and explore the knowledge of SAGE MATH softwareTo solve mathematical problems like Basic Algebra, Calculus and Graph Theory using SAGE MATH		
Chief Guest /Speaker Details	Dr.C.Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, Central University of Tamilnadu, Thiruvavur		
Date	22/08/2023 to 23/08/2023	Time	02.00 PM to 04.00 PM
Venue	Google Meet	No. of Participants	50

REPORT

TITLE

Two days virtual workshop on SAGE MATH

CONTENT

Respected Sir/Madam*
Warm Greetings!

We are profusely elated to share the report of the Two days virtual workshop on *SAGE MATH,* organised by the *Department of Mathematics, Dr. M.G.R. Educational and Research Institute* on 22-23 August 2023.

Day One - August 22nd, 2023:

The session started with the welcome address given by *Dr.T.Johnson* , Head, Department of Mathematics. *Dr.C.Vijayalakshmi* , Associate Professor, Department of Statistics and Applied Mathematics, Central University of Tamilnadu, Thiruvavur was the Resource person of the Workshop. *Dr.K.Kaleeswari* , Associate Professor gave the chief guest introduction.

More than three hundred people from diverse backgrounds and institutions across the nation registered for the workshop. The session on Day 1 starts with the introduction of the SAGE MATH software and the installation procedure. The resource person further explained the syntax of the basic arithmetic operations and also explained, How to solve algebraic equations using the software. She also explained



Dr. M.G.R.

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how to create and solve Mathematical puzzles like sudoku etc.

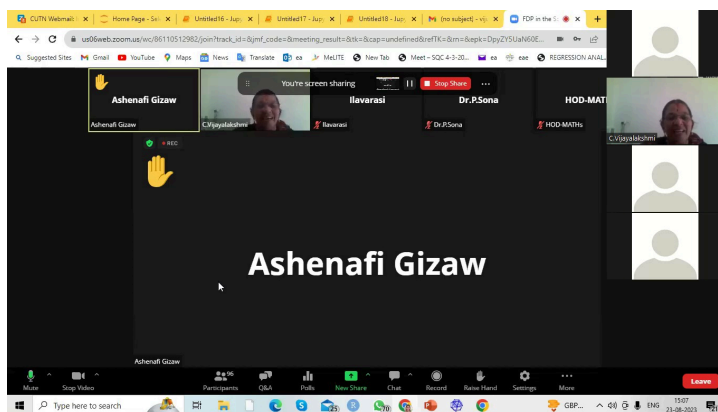
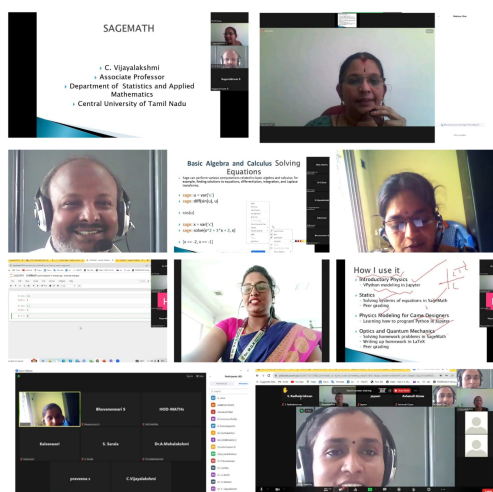
Day Two - August 23rd, 2023:

The session commenced @1.45 pm with a recap of Day-1 session. She explained about the concepts to solve equations related to basic Algebra and Calculus. The resource person further explained the syntax of the connected graph and shortest path code using the software.

The overall lecture covered a wide array of topics, including the ways to use SAGE and the data driven tools to solve the mathematical problems.

The session came to an end with the vote of thanks delivered by *Dr.P.Sona* , Associate Professor, Department of Mathematics. The Department of Mathematics takes this moment to thank our *Honourable President* Sir for his constant support and encouragement and all the *Executives* for the smooth conduction of the event. Special thanks to the *Office of Joint Registrar* (Events and Publications) for providing Online facilities and support to conduct the event successfully.

Thanks to *Mrs.AR.Laksjmipriya* , Asst.Prof and *Mrs.S.Praveena* , Asst.Prof for compering the event. Thanks to the event coordinator *Dr.P.Sona* , Associate Professor and the Event manager *Dr.R.Nagarathinam* , Associate Professor and all the faculty members of the Department.



EVENT OUTCOME

- Participants gained more information about the SAGE MATH software
- The overall lecture covered a wide array of topics, including the ways to use SAGE and the data driven tools to solve the mathematical problems.



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PHOTOS

