

LITTLE FLOWER DEGREE & PG COLLEGE UPPAL, HYDERABAD-500039

The Department of Mathematics and Statistics, St. Francis College, Koramangala, Bengaluru, organized a one-day international Webinar on “Applications of MATLAB on July 13 July, 2023, from 3.30 to 5.00 PM. The faculty, Mr. M. Prashanth and Mr. V. Naveen Kumar, Department of Mathematics, attended the session. The mode of session was online, and the platform used was Zoom. The speaker for the session was Dr. A. Manickam, Assistant Professor, School of Advanced Sciences and Languages, Department of Mathematics, VIT Bhopal University, Madhya Pradesh. The resource person started a session with the definition of MATLAB and its applications in various fields and also explained in detail all the windows and basic operation, order of operations, matrix operations, linear indexing, tools for 2-D and 3-D plots as well as graph. This webinar gave an overall understanding of applications of MATLAB.

The screenshot shows a Zoom webinar interface. The main window displays a PowerPoint slide titled "Arithmetic Operators and Order of Operations". The slide content is as follows:

<pre>>> A=10 A = 10 >> B=5 B = 5 >> A+B ans = 15</pre>	<pre>>> A-B ans = 5 >> A*B ans = 50 >> A/B ans = 2</pre>	<pre>>> C=50; >> D=20; >> Add=C+D; >> Sub=C-D; >> Mult=C*D; >> Divl=C/D; >> Add-Sub ans = 40</pre>
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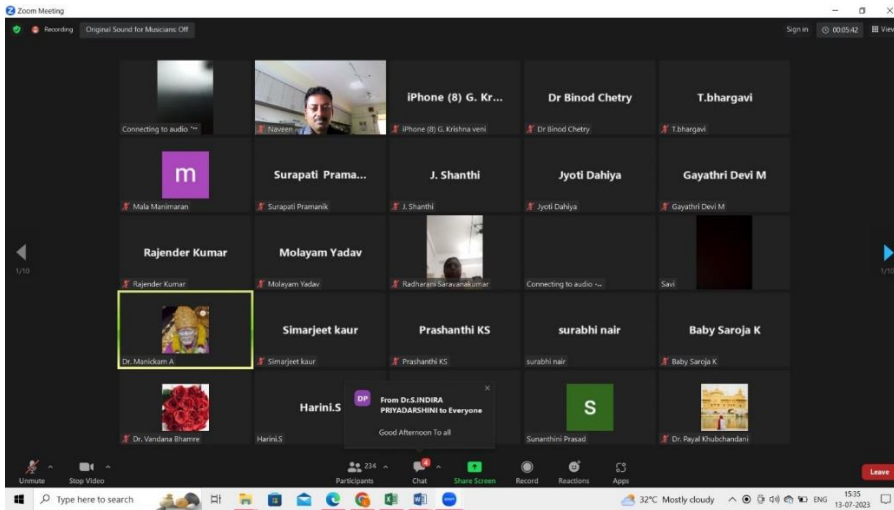
The slide also includes a date stamp "7/13/2023" and a "Click to add notes" prompt. The Zoom interface shows a list of participants on the right, including Dr. Manickam A, Naveen, Prashanth Mant..., Dr. Rama Krishna, Chellapriya Kalyanaki..., and Rajesh Gupta. The bottom status bar shows the system tray with a search bar, taskbar icons, and system information: 32°C Mostly cloudy, 13:50, 13-07-2023.

The speaker giving the insights of MATLAB

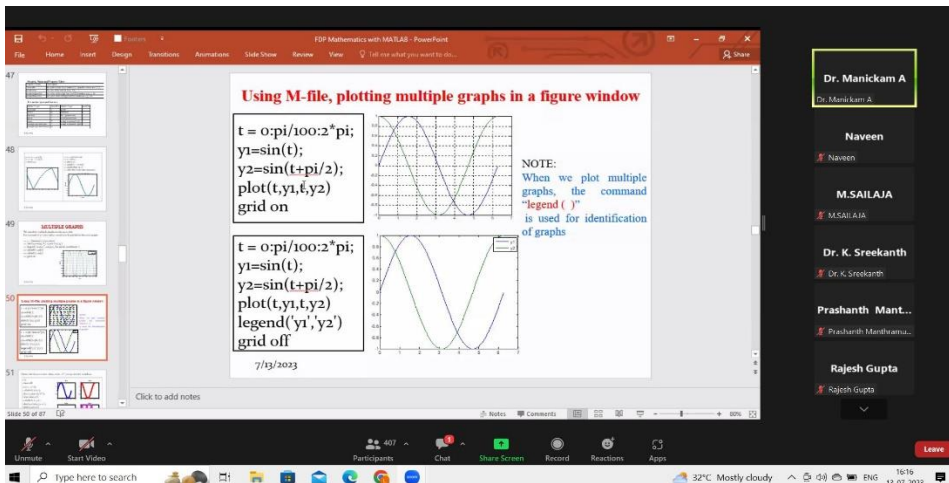
The screenshot shows a Zoom webinar interface. The main window displays a PowerPoint slide titled "Other Useful Stuff". The slide content is as follows:

- `clear` clears all variables in the MATLAB® workspace
- `clear a, b` just clears variables a and b
- `clc` clears the command window
- `i` and `j` are defined in MATLAB to be $\sqrt{-1}$. If you define these variables to be something else, you lose the ability to work with complex numbers. So, avoid using `i` and `j` as variables.
- `pi` is defined in MATLAB as 3.14159....

The slide also includes a date stamp "7/13/2023" and a "Click to add notes" prompt. The Zoom interface shows a list of participants on the right, including Dr. Manickam A, Naveen, M.SAILAJA, Chellapriya Kaly..., Prashanth Mant..., and Rajesh Gupta. The bottom status bar shows the system tray with a search bar, taskbar icons, and system information: 32°C Mostly cloudy, 13:57, 13-07-2023.



Mr. Prashanth, Mr. V Naveen Kumar, faculty from the Department of Mathematics attending the international seminar on MATLAB



Speaker explaining about the plots