



**MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS**

Department of Mathematics

Event Title	Two Days Workshop On -Any Open source Software		
Objective of Event	“LaTeX for Academic Writing” The objective of this Workshop is, how to prepare a Research article or Book chapter by using LaTeX in an effective manner. The Resource person of the event, Dr. S. Kavitha, Assistant Professor, Department of Mathematics, SDNB Vaishnav		
Chief Guest /Speaker Details	Dr S.Kavitha, Assistant Professor, SDNB Vaishnav College for Women		
Date	03/06/2025 to 04/06/2025	Time	02.00 PM to 04.00 PM
Venue	Zoom meet	No. of Participants	100

REPORT

TITLE

LaTeX FOR ACADEMIC WRITING

CONTENT

We are delighted to share the Report of Two day’s workshop on “LaTeX for Academic Writing” organized by the Department of Mathematics, Dr. MGR Educational and Research Institute, on 3rd and 4th June 2025 in Virtual mode. The objective of this Workshop is, how to prepare a Research article or Book chapter by using LaTeX in an effective manner. The first day of the Event was started at 2 pm. The welcome address was given by Dr. T. Johnson, Head, Department of Mathematics. The Resource person of the event, Dr. S. Kavitha, Assistant Professor, Department of Mathematics, SDNB Vaishnav College for Women, Chennai, had been introduced by Mr. S. Rooban Sanjay, Research Scholar, Department of Mathematics. In her talk, Dr.S.Kavitha gave a brief introduction to LaTeX and its advantages over traditional word processors. Installation and overview of TeX distributions (TeX Live/MiKTeX) and editors (Overleaf, TeXstudio). She also explained on Basic document structure: sections, subsections, paragraphs, lists. Text formatting, tables, formulae’s and inclusion of images. Participants were given practical exercises to reinforce their understanding of the basic commands and syntax.

The Day 2 session was started sharply at 2 PM. Dr S. Kavitha explored more advanced topics, including: Mathematical equation typesetting using the amsmath package. Creating tables, algorithms, and figures. Bibliography management using BibTeX and citation styles. Creating presentations with LaTeX using the Beamer class.



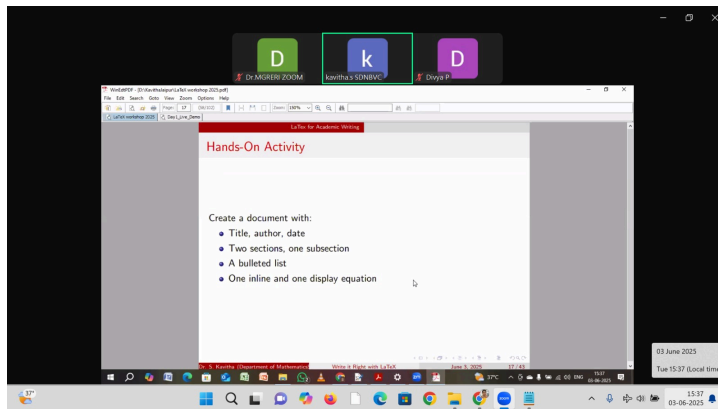
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Tips for thesis and report writing. The sessions were interactive, and participants practiced each concept through live coding. Q&A session helped to resolve individual participant queries. Finally, Vote of thanks was given by the Event Coordinator, Dr. A. Rathi, Associate Professor, Dept. of Mathematics.

Our sincere thanks to our Hon.President Sir, for his constant Support and Encouragement. We thank the Event Coordinators, Dr.A.Rathi and Mrs.J.Sirisha for their coordination throughout the Event. Thanks to the Department Event manager, Mrs. Y. Sabithabanu, Assistant professor. Also we thank Mrs.P.Divya, Faculty Member, Mr.Ruban Sanjay and Ms.Priyadharshini, Research scholars for their coordination and cooperation. We thank all the Department Faculty Members and the Participants all over the world for making this event a more memorable one.



## EVENT OUTCOME

To write LaTeX in right way. and its advantages over traditional word processors. Installation and overview of TeX distributions. Writing Basic document structure: sections, subsections, paragraphs, lists. Text formatting, tables, formulae's and inclusion of images. Practical exercises to reinforce their understanding of the basic commands and syntax.

explored more advanced topics. Creating presentations with LaTeX using the Beamer class. Tips for thesis and report writing.

## PHOTOS